

European Journal of Orthodontics

Volume 19 (1997) Subject entries

Altered mandibular function

- ... and prevention of skeletal asymmetries after unilateral condylectomy in rats 211
- Effects of experimental unilateral condylectomy followed by ... on the maxilla and zygoma 205

Appliance wear

- ...: the patient's point of view 377

Arch size and shape

- Dental occlusion and ... in karyotype 46,XY females 329

Bass appliance

- The effect of treatment with the ... on skeletal Class II malocclusions: a cephalometric investigation 691

Bass orthopaedic appliance

- Mandibular growth during initial treatment with the ... in relation to age and growth periods 47

Bond strength

- Evaluation of the ... of different bracket-bonding systems to bovine enamel 259

Bony facial structures

- The effect of professional violin and viola playing on the ... 39
- The effect of violin playing on the ... in adolescents 369

Bovine enamel

- Evaluation of the bond strength of different bracket-bonding systems to ... 259

Bracket-bonding systems

- Evaluation of the bond strength of different ... to bovine enamel 259

Canine-to-canine retainers

- A 3-year follow-up study of various types of orthodontic ... 501

Cephalometric shapes

- Effect of growth and development on ... in orthodontic patients: a Fourier analysis 669

Ceramic brackets

- Recycling effects on ...: a dimensional, weight and shear bond strength analysis 629

Class II correction

- Long-term effects of ... in Herbst and Bass therapy 185

Class II subdivision treatment

- ... with tip-back moments 93

Class III malocclusion

- Thin-plate spline analysis of the cranial base in subjects with ... 341

Class III malocclusions

- Maxillary development revisited: relevance to the orthopaedic treatment of ... 289

Cleft lip and palate

- Evaluation of facial features in two groups of ... patients receiving centralized and non-centralized treatment regimes 411

Clinical application of magnets

- ... in orthodontics and biological implications: a review 431

Collagen synthesis

- ... from human PDL cells following orthodontic tooth movement 29

Condylectomy

- Effects of altered mandibular function on mandibular growth after ... 9

Congenital temporomandibular joint ankylosis

- ... —a case report 243

Cranial base

- Thin-plate spline analysis of the ... in subjects with Class III malocclusion 341

Craniofacial complex

- The ... in karyotype 46,XY females 383

Craniofacial morphology

- Relationships between the orientation and moment arms of the human jaw muscles and normal ... 313

Craniofacial parameters

- ... during growth from the deciduous to permanent dentition—a longitudinal study 681

Craniofacial skeleton

- Catch-up growth induced by growth hormone in the ... of the Snell strain of the hypopituitary dwarf mouse 141

Cranio-mandibular disorders

- A survey of ... in 500 19-year-olds 57

Deciduous dentition

- Malocclusion in the ... of Caucasian children 361

Dental crowding

- ...: a comparison of three methods of assessment 543

Dental development

- Acceleration in ...: fact or fiction 703

Dental occlusion

- ... and arch size and shape in karyotype 46,XY females 329

Dietary oil contamination

- Effects of ... and absence of prophylaxis on orthodontic bonding 109

Drum spring (DS) retractor

- The ...: a constant and continuous force for canine retraction 115

Ectopic canine

- Maxillary incisor root resorption in relation to the ...: a review of 26 patients 79

Electromagnetic articulography

- Reliability of ... recording during speaking sequences 6471

Fluoride

- A clinical evaluation of the effectiveness of including ... into an orthodontic bonding adhesive 391

Glass ionomer cement

- White spot reduction when using ... for bonding in orthodontics: a longitudinal and comparative study 233

Growth cartilages

- Tissue-separating capacity of . . . 473
- Growth hormone*
Catch-up growth induced by . . . in the craniofacial skeleton of the Snell strain of the hypopituitary dwarf mouse 141
- Growth-hormone-deficient children*
Differential growth and maturation in idiopathic . . . 131
- Herbst and Bass therapy*
Long-term effects of Class II correction in . . . 185
- Herbst appliance*
A comparative study of sagittal correction with the . . . in two different ethnic groups 195
Morphological changes of the TMJ condyles of 100 patients treated with the . . . in the period of puberty to adulthood: a long-term radiographic study 657
- Humidity*
The importance of . . . in the *in vitro* study of the cranium with regard to initial bone displacement after force application 423
- Initial bone displacement*
The importance of humidity in the *in vitro* study of the cranium with regard to . . . after force application 423
- Interdigitation*
Contribution of . . . to the occlusal development of the dentition in *Macaca fascicularis* 531
- Jaw muscles*
Relationships between the orientation and moment arms of the human . . . and normal craniofacial morphology 313
- Long-term dental development*
. . . in children after treatment for malignant disease 151
- Malocclusion*
. . . in the deciduous dentition of Caucasian children 361
Secular trends in . . . in Austrian men 355
- Mandibular condyle*
Aplasia of the . . . 483
- Mandibular function*
Effects of altered . . . on mandibular growth after condylectomy 9
- Mandibular growth*
Effects of altered mandibular function on . . . after condylectomy 9
. . . during initial treatment with the Bass orthopaedic appliance in relation to age and growth periods 47
- Mandibular growth pattern*
. . . in Turner's syndrome 161
- Mandibular hyperpropulsion*
An appliance designed for experimental . . . in rats 1
- Maxillary canine retraction*
A clinical comparison of the rate of . . . into healed and recent extraction sites—a pilot study 711
- Maxillary canine*
Normal eruption of the . . . quantified in three dimensions 171
- Maxillary development*
. . . revisited: relevance to the orthopaedic treatment of Class III malocclusions 289
- Maxillary incisor root resorption*
. . . in relation to the ectopic canine: a review of 26 patients 79
- Mesiodistal crown diameters*
. . . of the primary and permanent teeth in Southern Chinese—a longitudinal study 721
- Multibonded ceramic brackets*
A post-treatment evaluation of . . . in orthodontics 219
- Nerve fibres*
Effect of experimental tooth movement on . . . immunoreactive to calcitonin gene-related peptide, protein gene product 9.5, and blood vessel density and distribution in rats 517
- Nickel titanium alloy*
Superelastic . . . retraction springs—an experimental investigation of force systems 491
- Ni-Ti and copper Ni-Ti wires*
Torsional properties of . . . : the effect of temperature on physical properties 637
- Occlusal development*
Contribution of interdigitation to the . . . of the dentition in *Macaca fascicularis* 531
- Orthodontic bonding adhesive*
A clinical evaluation of the effectiveness of including fluoride into an . . . 391
- Orthodontic bonding*
Effects of dietary oil contamination and absence of prophylaxis on . . . 109
- Orthodontic treatment*
A longitudinal study of subjective and objective . . . need 85
Lay attitudes to dental appearance and need for . . . 271
- Palatally impacted canines*
Management of . . . : the findings of a collaborative study 511
- PAR Index*
Evaluation of treatment and post-treatment changes by the . . . 279
- Periodontal ligament cells*
Osteoblast-like properties of human . . . : an *in vitro* analysis 615
- Pulp damage*
Risk of . . . due to temperature increase during thermobonding of ceramic brackets 623
- Sagittal correction*
A comparative study of . . . with the Herbst appliance in two different ethnic groups 195
- Skeletal asymmetries*
Altered mandibular function and prevention of . . . after unilateral condylectomy in rats 211
- Skeletal Class II malocclusions*
The effect of treatment with the Bass appliance on . . . : a cephalometric investigation 691
- Soft tissue outline*
A critical appraisal of measurement of the . . . using photographs and video 397
- Temporomandibular disorders*
The aetiology of . . . : a philosophical overview 249
- Thermobonding of ceramic brackets*
Risk of pulp damage due to temperature increase during . . . 623
- Thin-plate spline analysis*
. . . of the cranial base in subjects with Class III malocclusion 341

TMJ condyles

Morphological changes of the . . . of 100 patients treated with the Herbst appliance in the period of puberty to adulthood: a long-term radiographic study 657

Tooth agenesis

The effect of . . . on dentofacial structures 71

Tooth movement

Collagen synthesis from human PDL cells following orthodontic . . . 29

Effect of experimental . . . on nerve fibres immunoreactive to calcitonin gene-related peptide, protein gene product 9.5, and blood vessel density and distribution in rats 517

In vitro measurement of

orthodontic . . . in rats given β -aminopropionitrile or hydrocortisone using a time-lapse videotape recorder 21

Turner's syndrome

Mandibular growth pattern in . . . 161

Unilateral cleft lip and palate

Study models of 5 year old children as predictors of surgical outcome in . . . 165

Unilateral condylectomy

Altered mandibular function and prevention of skeletal asymmetries after . . . in rats 211

Unilateral condylectomy

Effects of experimental . . . followed

by altered mandibular function on the maxilla and zygoma 205

Violin and viola playing

The effect of professional . . . on the bony facial structures 39

Violin playing

The effect of . . . on the bony facial structures in adolescents 369

White spot reduction

. . . when using glass ionomer cement for bonding in orthodontics: a longitudinal and comparative study 233

Author entries

Alexandridis, K. see Spyropoulos, M. N.; Tsolakis, A. I.

Alvesalo, L. see Grön, M.; Pietilä, K. Årtun, J.

A post-treatment evaluation of multibonded ceramic brackets in orthodontics 219

Årtun, J., Spadafora, A. T. and Shapiro, P. A.

A 3-year follow-up study of various types of orthodontic canine-to-canine retainers 501

Årtun, J. see Jost-Brinkmann, P.-G.

Atack, N., Hathorn, I., Mars, M. and Sandy, J.

Study models of 5 year old children as predictors of surgical outcome in unilateral cleft lip and palate 165

Axmann-Krcmar, D. see Horn, H.

Babić, M., Glišić, B. and Šćepan, I.

Mandibular growth pattern in Turner's syndrome 161

Bacher, M. see Horn, H.

Bacon, W. see Tschill, P.

Banks, P. A., Burn, A. and O'Brien, K.

A clinical evaluation of the effectiveness of including fluoride into an orthodontic bonding adhesive 391

Bantleon, H. P. see Weiland, F. J.

Basdra, E. K. and Komposch, G.

Osteoblast-like properties of human

periodontal ligament cells: an *in vitro* analysis 615

Battagel, J. M. see Johal, A. S.

Benson, P. E. and Richmond, S.

A critical appraisal of measurement of the soft tissue outline using photographs and video 397

Birkeland, K., Furevik, J., Bøe, O. E. and Wisth, P. J.

Evaluation of treatment and post-treatment changes by the PAR Index 279

Birnie, D. J. see Pearson, M. H.

Bøe, O. E. see Birkeland, K.

Bourauel, C., Drescher, D., Ebling, J., Broome, D. and Kanarachos, A.

Superelastic nickel titanium alloy retraction springs—an experimental investigation of force systems 491

Brčić, R. see Gaži-Čoklica, V.

Broome, D. see Bourauel, C.

Bumann, A., Carvalho, R. S.,

Schwarzer, C. L. and Yen, E. H. K.

Collagen synthesis from human PDL cells following orthodontic tooth movement 29

Burn, A. see Banks, P. A.

Burstone, C. J. see Shroff, B.

Buschang, P. H. see Cantu, G.

Cacciafesta, V. see Martina, R.

Cantiello, P. see Martina, R.

Cantu, G., Buschang, P. H. and Gonzalez, J. L.

Differential growth and maturation in idiopathic growth-hormone-deficient children 131

Carvalho, R. S. see Bumann, A.

Chiba, M. see Yamane, A.

Colombo, A. see Ferrario, V. F.

Coulter, J. and Richardson, A.

Normal eruption of the maxillary canine quantified in three dimensions 171

Cova, M. see Ferrario, V. F.

Cura, N. and Saraç, M.

The effect of treatment with the Bass appliance on skeletal Class II malocclusions: a cephalometric investigation 691

Dahlöf, G. see Näsman, M.

Darendeliler, A. see Darendeliler, M. A.

Darendeliler, H. see Darendeliler, M. A.

Darendeliler, M. A., Darendeliler, A. and Mandurino, M.

Clinical application of magnets in orthodontics and biological implications: a review 431

Darendeliler, M. A., Darendeliler, H. and Üner, O.

The drum spring (DS) retractor: a constant and continuous force for canine retraction 115

Delaire, J.

- Maxillary development revisited: relevance to the orthopaedic treatment of Class III malocclusions 289
- Dermaut, L.* see Govaert, L.
- Drescher, D.* see Bourauel, C.
- Eberhard, H.* see Nkenke, E.
- Ebling, J.* see Bourauel, C.
- Espeland, L.* see Stenvik, A.
- Ferrario, V. F., Sforza, C., Poggio, C. E., Colombo, A. and Cova, M.*
Effect of growth and development on cephalometric shapes in orthodontic patients: a Fourier analysis 669
- Filleul, M. P. and Jordan, L.*
Torsional properties of Ni-Ti and Copper Ni-Ti wires: the effect of temperature on physical properties 637
- Forsberg, C.-M.* see Näsman, M.
- Fukui, T.* see Yamane, A.
- Furevik, J.* see Birkeland, K.
- Gaži-Čoklica, V., Muretić, Ž., Brčić, R., Kern, J. and Milicić, A.*
Craniofacial parameters during growth from the deciduous to permanent dentition—a longitudinal study 681
- Gebauer, U.* see Häslér, R.
- Glišić, B.* see Babić, M.
- Gonzalez, J. L.* see Cantu, G.
- Govaert, L. and Dermaut, L.*
The importance of humidity in the *in vitro* study of the cranium with regard to initial bone displacement after force application 423
- Göz, G.* see Horn, H.
- Grön, M. and Alvesalo, L.*
Dental occlusion and arch size and shape in karyotype 46,XY females 329
- Grön, M.* see Pietilä, K.
- Hägg, U.* see Ömblus, J.; Wong, G. W. K.
- Hansen, K.* see Ömblus, J.
- Häslér, R., Schmid, G., Ingervall, B. and Gebauer, U.*
A clinical comparison of the rate of maxillary canine retraction into healed and recent extraction sites—a pilot study 711
- Hathorn, I.* see Atack, N.
- Hirschfelder, U.* see Nkenke, E.
- Holtgrave, E. A., Kretschmer, R. and Müller, R.*
Acceleration in dental development: fact or fiction 703
- Hons, I.* see Ostyn, J. M.
- Horn, H., Göz, G., Bacher, M., Müllauer, M., Kretschmer, I. and Axmann-Krcmar, D.*
Reliability of electromagnetic articulography recording during speaking sequences 647
- Ingervall, B.* see Häslér, R.
- Johal, A. S. and Battagel, J. M.*
Dental crowding: a comparison of three methods of assessment 543
- Jonke, E.* see Weiland, F. J.
- Jordan, L.* see Filleul, M. P.
- Jost-Brinkmann, P.-G., Radlanski, R. J., Årtun, J. and Loidl, H.*
Risk of pulp damage due to temperature increase during thermobonding of ceramic brackets 623
- Kanarachos, A.* see Bourauel, C.
- Kantomaa, T.* see Peltomäki, T.
- Katsavrias, E.* see Spyropoulos, M. N.; Tsolakis, A. I.
- Kern, J.* see Gaži-Čoklica, V.
- Kerr, W. J. S.* see Stewart, F. N.
- Kingdon, A.* see Pilley, J. R.
- Komorowska, A.*
Congenital temporomandibular joint ankylosis—a case report 243
- Komposch, G.* see Basdra, E. K.
- Könönen, M.* see Kovero, O.
- Koolstra, J. H.* see van Spronsen, P. H.
- Kovero, O., Könönen, M. and Pirinen, S.*
The effect of professional violin and viola playing on the bony facial structures 39
- Kovero, O., Könönen, M. and Pirinen, S.*
The effect of violin playing on the bony facial structures in adolescents 369
- Kretschmer, I.* see Horn, H.
- Kretschmer, R.* see Holtgrave, E. A.
- Krogstad, O.*
Aplasia of the mandibular condyle 483
- Kvinnslund, I. H.* see Vandevska-Radunovic, V.
- Kvinnslund, S.* see Vandevska-Radunovic, V.
- Kylämarkula, S.* see Peltomäki, T.
- Laino, A.* see Martina, R.
- Lew, K. K. K.* see Tan, L. S.
- Lindauer, S. J.* see Shroff, B.
- Linder-Aronson, S.* see Spyropoulos, M. N.
- Linge, B. O.* see Stenvik, A.
- Linge, L.* see Stenvik, A.
- Loidl, H.* see Jost-Brinkmann, P.-G.
- Lozanoff, S.* see Singh, G. D.
- Malmgren, O.* see Ömblus, J.
- Maltha, J. C.* see Ostyn, J. M.
- Mandurino, M.* see Darendeliler, M. A.
- Marcusson, A., Norevall, L.-I. and Persson, M.*
White spot reduction when using glass ionomer cement for bonding in orthodontics: a longitudinal and comparative study 233
- Mars, M.* see Atack, N.
- Martina, R., Laino, A., Cacciafesta, V. and Cantiello, P.*
Recycling effects on ceramic brackets: a dimensional, weight and shear bond strength analysis 629
- Martus, P.* see Nkenke, E.
- Mathisen, A.* see Stenvik, A.
- McNamara, J. A. Jr* see Singh, G. D.
- Mew, J. R. C.*
The aetiology of temporomandibular disorders: a philosophical overview 249
- Milicić, A.* see Gaži-Čoklica, V.
- Mitchell, C. N. T.* see Rimes, R. J.
- Mohlin, B.* see Pilley, J. R.
- Müllauer, M.* see Horn, H.
- Müller, R.* see Holtgrave, E. A.
- Muretić, Ž.* see Gaži-Čoklica, V.
- Näsman, M., Forsberg, C.-M. and Dahllöf, G.*
Long-term dental development in children after treatment for malignant disease 151
- Nkenke, E., Hirschfelder, U., Martus, P. and Eberhard, H.*
Evaluation of the bond strength of different bracket-bonding systems to bovine enamel 259
- Norevall, L.-I.* see Marcusson, A.

- O'Brien, K. see Banks, P. A.
- Ömblus, J., Malmgren, O. and Hägg, U.
Mandibular growth during initial treatment with the Bass orthopaedic appliance in relation to age and growth periods 47
- Ömblus, J., Malmgren, O., Pancherz, H., Hägg, U. and Hansen, K.
Long-term effects of Class II correction in Herbst and Bass therapy 185
- Ostyn, J. M., Hons, I., Maltha, J. C., van 't Hof, M. A. and van der Linden, F. P. G. M.
Contribution of interdigitation to the occlusal development of the dentition in *Macaca fascicularis* 531
- Pancherz, H. see Ömblus, J.
- Paulsen, H. U.
Morphological changes of the TMJ condyles of 100 patients treated with the Herbst appliance in the period of puberty to adulthood: a long-term radiographic study 657
- Pearson, M. H., Robinson, S. N., Reed, R., Birnie, D. J. and Zaki, G. A.
Management of palatally impacted canines: the findings of a collaborative study 511
- Peltomäki, T., Kylämarkula, S., Vinkka-Puhakka, H., Rintala, M., Kantomaa, T. and Rönning, O.
Tissue-separating capacity of growth cartilages 473
- Persson, M. see Marcusson, A.
- Pietilä, K., Grön, M. and Alvesalo, L.
The craniofacial complex in karyotype 46,XY females 383
- Pilley, J. R., Mohlin, B., Shaw, W. C. and Kingdon, A.
A survey of craniomandibular disorders in 500 19-year-olds 57
- Pirinen, S. see Kovero, O.
- Poggio, C. E. see Ferrario, V. F.
- Prahl-Andersen, B. see van Spronsen, P. H.
- Radlanski, R. J. see Jost-Brinkmann, P.-G.
- Reed, R. see Pearson, M. H.
- Rice, D. P. C., Roberts, G. J. and Thomas, M. L.
Catch-up growth induced by growth hormone in the craniofacial skeleton of the Snell strain of the hypopituitary dwarf mouse 141
- Richardson, A. see Coulter, J.
- Richmond, S. see Benson, P. E.
- Rimes, R. J., Mitchell, C. N. T. and Willmot, D. R.
Maxillary incisor root resorption in relation to the ectopic canine: a review of 26 patients 79
- Rintala, M. see Peltomäki, T.
- Roberts, G. J. see Rice, D. P. C.
- Robinson, S. N. see Pearson, M. H.
- Rönning, O. see Peltomäki, T.
- Sandy, J. see Atack, N.
- Saraç, M. see Cura, N.
- Šćepan, I. see Babić, M.
- Schmid, G. see Hässler, R.
- Schwarzer, C. L. see Bumann, A.
- Sforza, C. see Ferrario, V. F.
- Shapiro, P. A. see Årtun, J.
- Shaw, W. C. see Pilley, J. R.
- Shroff, B., Lindauer, S. J. and Burstone, C. J.
Class II subdivision treatment with tip-back moments 93
- Singh, G. D., McNamara, J. A. Jr and Lozanoff, S.
Thin-plate spline analysis of the cranial base in subjects with Class III malocclusion 341
- So, L. L. Y. see Wong, G. W. K.; Yuen, K. K. W.
- Sonko, A. see Tschill, P.
- Spadafora, A. T. see Årtun, J.
- Spyropoulos, M. N. and Linder-Aronson, S.
Evaluation of facial features in two groups of cleft lip and palate patients receiving centralized and non-centralized treatment regimes 411
- Spyropoulos, M. N. and Tsolakis, A. I.
Altered mandibular function and prevention of skeletal asymmetries after unilateral condylectomy in rats 211
- Spyropoulos, M. N., Tsolakis, A. I., Katsavrias, E. and Alexandridis, K.
Effects of experimental unilateral condylectomy followed by altered mandibular function on the maxilla and zygoma 205
- Spyropoulos, M. N. see Tsolakis, A. I.
- Stenvik, A., Espeland, L. and Mathisen, A.
A longitudinal study of subjective and objective orthodontic treatment need 85
- Stenvik, A., Espeland, L., Linge, B. O. and Linge, L.
Lay attitudes to dental appearance and need for orthodontic treatment 271
- Stewart, F. N., Kerr, W. J. S. and Taylor, P. J. S.
Appliance wear: the patient's point of view 377
- Tan, L. S., Lew, K. K. K. and Toh, S. L.
Effects of dietary oil contamination and absence of prophylaxis on orthodontic bonding 109
- Tang, E. L. K. see Yuen, K. K. W.
- Taylor, P. J. S. see Stewart, F. N.
- Thomas, M. L. see Rice, D. P. C.
- Toh, S. L. see Tan, L. S.
- Tschill, P., Bacon, W. and Sonko, A.
Malocclusion in the deciduous dentition of Caucasian children 361
- Tsolakis, A. I. and Spyropoulos, M. N.
An appliance designed for experimental mandibular hyperpropulsion in rats 1
- Tsolakis, A. I. see Spyropoulos, M. N.
- Tsolakis, A. I., Spyropoulos, M. N., Katsavrias, E. and Alexandridis, K.
Effects of altered mandibular function on mandibular growth after condylectomy 9
- Üçem, T. see Yüksel, S.
- Üner, O. see Darendeliler, M. A.
- Valk, J. see van Spronsen, P. H.
- van der Linden, F. P. G. M. see Ostyn, J. M.
- van Ginkel, F. C. see van Spronsen, P. H.
- van Spronsen, P. H., Koolstra, J. H., van Ginkel, F. C., Weijs, W. A., Valk, J. and Prahl-Andersen, B.
Relationships between the orientation and moment arms of the human jaw muscles and normal craniofacial morphology 313
- van 't Hof, M. A. see Ostyn, J. M.
- Vandevska-Radunovic, V., Kvinnsland, S. and Kvinnsland, I. H.
Effect of experimental tooth movement on nerve fibres immunoreactive to calcitonin

- gene-related peptide, protein gene product 9.5, and blood vessel density and distribution in rats 517
Vinkka-Puhakka, H. see *Peltomäki, T.*
- Weijjs, W. A.* see *van Spronsen, P. H.*
- Weiland, F. J., Jonke, E. and Bantleon, H. P.*
 Secular trends in malocclusion in Austrian men 355
- Willmot, D. R.* see *Rimes, R. J.*
- Wisth, P. J.* see *Birkeland, K.*
- Wong, G. W. K., So, L. L. Y. and Hägg, U.*
 A comparative study of sagittal correction with the Herbst appliance in two different ethnic groups 195
- Yamane, A., Fukui, T. and Chiba, M.*
In vitro measurement of orthodontic tooth movement in rats given β -aminopropionitrile or hydrocortisone using a time-lapse videotape recorder 21
- Yen, E. H. K.* see *Bumann, A.*
- Yuen, K. K. W., So, L. L. Y. and Tang, E. L. K.*
 Mesiodistal crown diameters of the primary and permanent teeth in Southern Chinese—a longitudinal study 721
- Yüksel, S. and Üçem, T.*
 The effect of tooth agenesis on dentofacial structures 71
- Zaki, G. A.* see *Pearson, M. H.*

European Journal of Orthodontics

Volume 19 (1997) Subject entries

Abstract section—page numbers are given first followed by the abstract number in parentheses

Acetyl salicylic acid

The effect of . . . on orthodontic tooth movement 562 (22)

Activator–headgear appliance

How effective is the . . . in finishing cases? 557 (12)

Aesthetic improvement of the lips

. . . using face masks in the treatment of Class III malocclusions 595 (116)

Aesthetic ratings

A method to correlate . . . and cephalometric variables 461 (49)

Aesthetics and individuality

. . . in orthodontics 462 (52)

Airway dimensions

Cephalometric norms for . . . in young Finnish adults 566 (34)

Angiogenic growth factors

. . . identified in human pulp following orthodontic force 564 (26)

Anterior crossbite

Responses of mouse periodontal mechanoreceptors to experimentally induced . . . 459 (42)

Anterior dental aesthetics

. . . : the role of the orthodontist 454 (29)

Anterior teeth

Correction of . . . in adults 463 (56)

Apical root resorption

Early radiographic diagnosis of . . . during orthodontic treatment 583 (83)

Arch-guided molar distalization

Biomechanical analysis of . . . employing superelastic NiTi coil springs 592 (109)

Asymmetrical headgear

The . . . with internal hinge applied in Class II patients 601 (135)

Axis of inertia

The . . . as a new tool to assess

three-dimensional maxillofacial balance 455 (32)

BCLP

Palatal growth in . . . from birth until 4 years of age 451 (21)

Bilateral complete clefts

Evaluation of disturbed growth and development in . . . 574 (56)

Bite force

. . . , jaw muscle thickness and facial morphology 590 (103)

Blood flow

Effect of denervation on . . . incident to experimental tooth movement 599 (128)

Bone development

Influence of muscle function on . . . in growing rats 601 (133)

Bone healing

Biomechanical and histological evaluation of . . . using osteopromotive substances 453 (26)

Bracket types

Variation in plastic deformation between different . . . and manufacturers 570 (44)

Variation in torque play between different . . . and manufacturers 466 (62)

Canine retraction

A finite element analysis of stress during . . . 584 (86)

Cardiovascular responses

Masticatory activity and . . . whilst chewing gum of different toughness 568 (39)

Cell adhesion molecules

Expression of . . . on normal human osteoblasts and alteration in response to mechanical strain 578 (68)

Centre of rotation

The value of the . . . in the displacement of tooth and bone structures 447 (11)

Cephalometric changes

. . . from medieval to modern man in Spain 569 (42)

Cephalometric landmarks

Error distribution of . . . articulare, basion and opisthion after superimpositioning on the foramen magnum 600 (131)

Cephalometric patterns

The relationship between TMJ problems, occlusion and . . . 585 (87)

Ceramic brackets

Bonding . . . with composites and glass ionomers to gold, amalgam and porcelain 577 (64)

Torque strength of . . . 576 (63)

Cervical vertebrae

The correlation between . . . and hand–wrist radiographs 591 (106)

Chewing efficiency

. . . and reproducibility in relation to the shape of the masticated test material 590 (104)

Chewing gum

Masticatory activity and cardiovascular responses whilst . . . of different toughness 568 (39)

Chewing muscles

Fatigue in . . . of patients with craniomandibular dysfunction—a pilot study 580 (74)

Topographic and temporal representation of fatigue in the . . . during sustained contraction 593 (113)

Chlorhexidine chewing-gum

The effect of . . . on plaque and gingivitis in patients with fixed orthodontic appliances 456 (34)

Class II cases

Cephalometric evaluation of stability of Jasper jumper treatment in . . . 581 (76)

Class II division 1 cases

Post-retention stability of . . . treated with an activator 566 (33)

Class II division 1 malocclusions

Craniofacial changes in . . . 591 (107)

- Magnetic resonance imaging of temporomandibular joints during functional treatment of skeletal ... 556 (7)
- The initial effects of the treatment of ... with the Van Beek activator 555 (4)
- Class II division 2 malocclusions*
- Influence of growth on vertical dimensions in ... 591 (108)
- Molar distalization with the pendulum appliance in ... 446 (8)
- Class II malocclusion*
- The use of the Jasper jumper for the correction of ... in the young permanent dentition 463 (54)
- Skeletal and occlusal changes in young subjects with untreated ... 556 (8)
- Class II orthopaedic treatment*
- The 'functional intruder' in skeletal ... 567 (36)
- Class II patients*
- The asymmetrical headgear with internal hinge applied in ... 601 (135)
- Class III malocclusion*
- Correction of ... in children using a face mask 444 (4)
- Aesthetic improvement of the lips using face masks in the treatment of ... 595 (116)
- Cleft lip and palate*
- Gene mapping of ... 465 (60)
- Cleft palate repair*
- Occlusion and speech at 5 years of age after two different methods of ... 583 (82)
- Cleft patients*
- Metric examination of the palatal rugae in ... 581 (75)
- Cleft type and associated malformation*
- Analysis of data concerning ... 573 (54)
- CO₂ laser fraenectomy*
- Closure of midline diastemas following ... 591 (105)
- Cold- and hot-polymerizing synthetic resins*
- Residual monomer release from ... in orthodontics 571 (48)
- Collagen fibrils*
- Effects of continuous intrusive forces on the ... of the periodontal ligament in humans 555 (6)
- Collagen mRNA*
- ... expression of periodontal fibroblasts by selected immunospecific stimulation of β_1 -integrins 561 (19)
- Collagen synthesis*
- ... of human PDL fibroblasts after non-specific stimulation with the Flexcell system *in vitro* 588 (98)
- Collagenase activity and ... of PDL fibroblasts after orthodontic tooth movement 572 (49)
- Computed cephalometric radiography*
- Dose reduction in ... 587 (93)
- Condylar cartilage growth activity*
- Mandibular hyperpropulsion and surgical periosteomy in animals: ... 446 (7)
- Condyle fossa*
- Relationships of the ... after orthodontic treatment 571 (46)
- Continuous and discontinuous force application*
- Comparison of ... from the point of root resorption 579 (71)
- Continuous intrusive forces*
- ... induce root resorption in humans 568 (38)
- Effects of ... on the collagen fibrils of the periodontal ligament in humans 555 (6)
- Craniofacial growth*
- Testosterone treatment effect on ... in boys with delayed puberty 600 (132)
- Craniofacial morphology*
- ... in patients with oligodontia 458 (40)
- A pattern of ... in obstructive sleep apnoea 459 (44)
- Head position and ... 455 (31)
- Craniofacial osseous defects*
- Guided bone regeneration using polytetrafluoroethylene membranes in ... 558 (13)
- Cranio-mandibular dysfunction*
- Fatigue in chewing muscles of patients with ... —a pilot study 580 (74)
- Crowding of the lower incisors*
- Dentofacial features associated with ... 570 (43)
- Cutaneous electrical stimulation*
- Perception of ... before and after mandibular surgery 572 (50)
- Cytochrome C oxidase*
- ... activity in odontoclasts during experimental tooth movement 601 (134)
- Dental aesthetics*
- ... and the spread of excellence 448 (13)
- ... —the dentofacial parameter 445 (6)
- Dental anthropology*
- ... a reference for the orthodontist 565 (29)
- Dental arch form*
- Long-term stability of ... in normal occlusion 451 (22)
- Dental arch morphology*
- The effect of a deleterious sucking habit on ... 589 (101)
- Dental development*
- Variability in ... among groups of Caucasians 587 (95)
- Dental eruption*
- ... continues after the Ru stage of skeletal maturation 452 (24)
- Dental implantation*
- Correlation between stability and facial harmony, ... and neuromuscular activity 568 (37)
- Dental implants*
- ... in orthodontics 463 (55)
- Dental maturity*
- ... is advanced in Fragile-X syndrome 580 (73)
- Developing calvarial bone*
- Osteoclasts in ... 460 (45)
- Distal movement*
- The speed of ... of the upper first molars 577 (65)
- DNA synthesis*
- Mechanical stretching induces ... in human periodontal fibroblasts 556 (9)
- Effect of denervation*
- ... on blood flow incident to experimental tooth movement 599 (128)
- Effect of stripping*
- ... on the enamel of permanent teeth *in vitro* 590 (102)
- Effects of chlorhexidine mouthwash on microbiological and clinical parameters 562 (21)
- Enamel conditioners*
- Effects of various ... on the shear bond strengths of a light-cured glass ionomer cement 560 (18)
- Enamel demineralization*

- Effects of light- and self-cured orthodontic sealants on the prevention and inhibition of . . . *in vitro* 561 (20)
- Enamel surfaces**
Tensile test results of a new non-etch, light-cured bonding system on wet . . . 588 (96)
- Enamel**
Effect of stripping on the . . . of permanent teeth *in vitro* 590 (102)
- Enhanced MRI**
. . . in the diagnosis of early inflammatory changes in the TMJ in patients with juvenile chronic arthritis 582 (78)
- Excitation patterns**
Relationships between . . . in the masseter muscle before and after orthognathic surgery and post-operative stability 448 (14)
- Experimental tooth movement**
Effect of denervation on blood flow incident to . . . 599 (128)
- Extraoral traction**
Functional appliance therapy in combination with . . . and up-and-down elastics 464 (59)
- Face mask**
Correction of Class III malocclusion in children using a . . . 444 (4)
- Face masks**
Aesthetic improvement of the lips using . . . in the treatment of Class III malocclusions 595 (116)
- Face mask therapy**
Shape-coordinate analysis of skeletal changes induced by . . . 450 (19)
Effects of . . . on naso-oropharyngeal areas and dimensions 565 (31)
Effects of . . . on skeleto-dental structures and soft tissues 566 (32)
- Facial aesthetics**
Attitudes towards . . . and facial profile among various ethnic groups 447 (12)
- Facial appearances**
. . . and sexual dimorphism 462 (51)
- Facial growth**
. . . and long-term stability 458 (39)
- Facial morphology**
Bite force, jaw muscle thickness and . . . 590 (103)
- Facial profile**
Attitudes towards facial aesthetics and . . . among various ethnic groups 447 (12)
- Fatigue**
. . . in chewing muscles of patients with craniomandibular dysfunction—a pilot study 580 (74)
Topographic and temporal representation of . . . in the chewing muscles during sustained contraction 593 (113)
- Finite element analysis**
A . . . of stress during canine retraction 584 (86)
- Fixed appliances**
. . . : patient anticipated and reported side-effects 569 (41)
- Flexcell system**
Collagen synthesis of human PDL fibroblasts after non-specific stimulation with the . . . *in vitro* 588 (98)
- Fluoride release capacities**
An *in vitro* comparison of four different orthodontic adhesives and their shear bond strengths and . . . 567 (35)
- Foramen magnum**
Error distribution of cephalometric landmarks articulare, basion and opisthion after superimpositioning on the . . . 600 (131)
- Fragile-X syndrome**
Dental maturity is advanced in . . . 580 (73)
- Frontal analysis**
. . . in orthodontics 554 (2)
- Frontal head posture**
Reference structures for assessment of . . . 602 (138)
- Functional appliance therapy**
. . . in combination with extraoral traction and up-and-down elastics 464 (59)
- Gene mapping**
. . . of cleft lip and palate 465 (60)
- Genetic linkage analysis**
. . . of mandibular protrusion 555 (5)
- Growth type and size**
Relation of . . . in stature and cranioface 554 (1)
- Guided bone regeneration**
. . . using polytetrafluoroethylene membranes in craniofacial osseous defects 558 (13)
- Hand-wrist radiographs**
The correlation between cervical vertebrae and . . . 591 (106)
- Helkimo's Dysfunction Index**
Comparison of orthognathic subjects with untreated individuals using SAM axiograph and . . . (HDI) 599 (127)
- Herbst appliance**
Has the . . . a rotational effect on the mandible? 466 (63)
- Herbst appliance treatment**
MRI diagnosis of TMJ remodelling during active . . . 559 (16)
- Herbst treatment**
Mandibular articular disc position in . . . 588 (97)
Temporomandibular joint adaptation in . . . : a prospective MRI and cephalometric roentgenographic study 461 (47)
The effect of TMJ growth changes on the position of the chin in . . . 580 (72)
TMJ findings with manual examination techniques during active . . . 559 (15)
- Human incisors**
An experimental study of orthodontic root resorption in . . . 596 (119)
- Human mandible**
Speckle interferometry applied to the biomechanical analysis of the . . . 595 (118)
- IL-1 α**
Inflammation and tooth movement: localization of . . . in stressed periodontium 589 (100)
- Incisor and premolar hypodontia**
. . . : exclusion of candidate genes 444 (2)
- Incisor position**
Does stability or relapse of the . . . correspond to functional therapy? 452 (23)
- Index of Orthodontic Treatment Need**
The use of the . . . in schoolchildren and a referred population: an epidemiological survey 598 (126)
- Inflammation and tooth movement**
. . . : localization of IL-1 α in stressed periodontium 589 (100)

- β_1 -Integrins*
Collagen mRNA expression of periodontal fibroblasts by selected immunospecific stimulation of . . . 561 (19)
- ISO-certification*
. . . —fact or fiction? 459 (43)
- Jasper jumper*
The use of the . . . for the correction of Class II malocclusion in the young permanent dentition 463 (54)
- Jasper jumper treatment*
Cephalometric evaluation of stability of . . . in Class II cases 581 (76)
- Jaw muscle thickness*
Bite force, . . . and facial morphology 590 (103)
- Jaw muscles*
Motor and sensory changes of . . . after orthodontic discomfort 456 (35)
- Junctional epithelium*
Proliferative response of . . . to mechanical stimulation 602 (137)
- Juvenile Chronic Arthritis*
Enhanced MRI in the diagnosis of early inflammatory changes in the TMJ in patients with . . . 582 (78)
- Lactobacilli*
The effect of 0.05% NaF mouthrinse on salivary *Mutans streptococci* and . . . levels in orthodontic patients 579 (69)
- Light-cured glass ionomer cement*
Effects of contamination on the shear bond strengths of a . . . 559 (17)
Effects of various enamel conditioners on the shear bond strengths of a . . . 560 (18)
- Lingual mandibular stimulator*
The mandibular stimulator and the . . . : a new philosophy of mandibular advancement with fixed appliances 455 (33)
- Lip bumper therapy*
No effect of . . . on pressure from the lower lip on the lower incisors 575 (61)
- Longitudinal growth changes*
. . . in different facial aspects 596 (120)
- Lower incisor position*
Stability of the . . . after orthodontic treatment 595 (117)
- Magnetic resonance images*
. . . of sphenoid-occipital synchondrosis in humans and monkeys 586 (92)
Standardized evaluation of . . . using a metric TMJ-analysis 445
- Magnetic resonance imaging*
. . . of temporomandibular joints during functional treatment of skeletal Class II division 1 malocclusions 556 (7)
- Malocclusion*
Interaction between orthodontist and paediatrician in the early screening of . . . 586 (90)
- Malocclusions*
Distribution of facial types and . . . 446 (9)
- Mandibular articular disc position*
. . . in Herbst treatment 588 (97)
- Mandibular deficiency*
Evaluation of maxillary growth after surgical correction of . . . 582 (80)
- Mandibular hyperpropulsion*
. . . and surgical periosteotomy in animals: condylar cartilage growth activity 446 (7)
- Mandibular incisor alignment*
A serial study of . . . from 20 to 70 years of age 602 (136)
- Mandibular incisor extraction*
. . . : indications and results 448 (15)
- Mandibular lip bumper treatment*
Perioral forces and dental changes with . . . 457 (38)
- Mandibular protrusion*
Genetic linkage analysis of . . . 555 (5)
- Mandibular stimulator*
The . . . and the lingual mandibular stimulator: a new philosophy of mandibular advancement with fixed appliances 455 (33)
- Mandibular surgery*
Perception of cutaneous electrical stimulation before and after . . . 572 (50)
- Masseter muscle*
Relationships between excitation patterns in the . . . before and after orthognathic surgery and post-operative stability 448 (14)
- Masticatory activity*
. . . and cardiovascular responses whilst chewing gum of different toughness 568 (39)
- Masticatory function*
Influence of . . . on transversal skull dimensions in growing rats 578 (66)
- Masticatory movements*
Characteristics of . . . in growing individuals: a longitudinal follow-up over 6 years 589 (99)
- Masticatory muscle palpation*
New trends to improve the reliability of . . . 586 (91)
- Maxillary alveolar clefts*
Autotransplantation of premolars in patients with . . . 447 (10)
- Maxillary growth*
Evaluation of . . . after surgical correction of mandibular deficiency 582 (80)
- Mechanical stretching*
. . . induces DNA synthesis in human periodontal fibroblasts 556 (9)
- Metal brackets*
Tensile bond strength of . . . bonded to treated porcelain 587 (94)
- Midline diastemas*
Closure of . . . following CO₂ laser fraenectomy 591 (105)
- Molar distalization*
. . . with the pendulum appliance in Class II division 2 malocclusions 446 (8)
- Molar status*
The . . . of 679 orthodontic patients in Western Ireland 585 (88)
- Monobloc and twin-block appliances*
Comparison of skeletal and dental effects of . . . 598 (125)
- 3T3 mouse fibroblasts*
Static magnetic fields and PGE₂-synthesis in . . . 593 (111)
- MRI analysis*
Error measurements and normative values of the metric . . . 600 (130)
- MRI diagnosis*
. . . of TMJ remodelling during active Herbst appliance treatment 559 (16)
- Muscle function*
Influence of . . . on bone development in growing rats 601 (133)
- Muscle recruitment processes*
Characterization of . . . considering

- anatomical and histochemical aspects of muscles 593 (112)
- Mutans streptococci*
Prevalence and transmission of . . . in cleft children 557 (11)
The effect of 0.05% NaF mouthrinse on salivary . . . and lactobacilli levels in orthodontic patients 579 (69)
- NaF mouthrinse*
The effect of 0.05% . . . on salivary *Mutans streptococci* and lactobacilli levels in orthodontic patients 579 (69)
- Nasal cavity*
The development of the . . . in children with clefts 444 (1)
- Naso-oropharyngeal areas*
Effects of facemask therapy on . . . 565 (31)
- Neonatal orchidectomy*
Effect of . . . on mandibular growth in male rats 563 (25)
- Neuromuscular activity*
Correlation between stability and facial harmony, dental implantation and . . . 568 (37)
- Nitric oxide*
. . . production in mechanically stimulated periodontal ligament cells. A novel mediator of tooth movement 564 (27)
- Non-etch, light-cured bonding system*
Tensile test results of a new . . . on wet enamel surfaces 588 (96)
- Normal occlusion*
Long-term stability of dental arch form in . . . 451 (22)
- Obstructive sleep apnoea*
. . . syndrome treated with a nocturnal removable appliance 454 (30)
A pattern of craniofacial morphology in . . . 459 (44)
Natural head posture, upper airway morphology and . . . 458 (41)
- Occlusal features*
. . . of schoolchildren in South-East Mexico City 571 (45)
- Occlusion and speech*
. . . at 5 years of age after two different methods of cleft palate repair 583 (82)
- Occlusion*
The relationship between TMJ problems, . . . and cephalometric patterns 585 (87)
- Oligodontia*
Craniofacial morphology in patients with . . . 458 (40)
- Open bite*
. . . : cephalometric prediction of post-retention overbite 557 (10)
. . . : stability of surgical versus non-surgical treatment 462 (50)
- Open bites*
Effects of growth pattern and extraction on . . . 573 (52)
- Optical scanning and cephalometric assessment*
. . . of the soft tissue effects of functional appliances 457 (37)
- Oral shield*
Effects of an . . . on orofacial muscle activity and structures 596 (121)
- Orofacial muscle*
Effects of an oral shield on . . . activity and structures 596 (121)
- Orthodontic adhesives*
An *in vitro* comparison of four different . . . and their shear bond strengths and fluoride release capacities 567 (35)
- Orthodontic bonding resins*
Cytotoxic properties of . . . 597 (122)
- Orthodontic force*
Angiogenic growth factors identified in human pulp following . . . 564 (26)
- Orthodontic loading*
An experimental and numerical study of periodontal ligament behaviour following . . . 576 (62)
- Orthodontic practices*
A survey of . . . in Australia 585 (89)
- Orthodontic referrals*
An audit of Irish . . . 565 (30)
- Orthodontic sealants*
Effects of light- and self-cured . . . on the prevention and inhibition of enamel demineralization *in vitro* 561 (20)
- Orthodontic space closure*
. . . after extraction of four permanent first molars: a method of analysis 594 (115)
- Orthodontic tooth movement*
Collagenase activity and collagen synthesis of PDL fibroblasts after . . . 572 (49)
The effect of acetyl salicylic acid on . . . 562 (22)
- Orthodontic treatment*
Success of . . . : results over 10 years 573 (53)
- Orthodontic treatment decisions*
A prospective study on . . . from patient and care system perspectives 569 (40)
- Orthodontics in Hong Kong/China*
. . . and in the future 572 (51)
- Orthognathic subjects*
Comparison of . . . with untreated individuals using SAM axiograph and Helkimo's Dysfunction Index (HDI) 599 (127)
- Orthognathic surgery*
Changes in the shape of the soft tissues at the angle of the mandible following . . . 454 (28)
Relationships between excitation patterns in the masseter muscle before and after . . . and post-operative stability 448 (14)
Self-perceptions and social and personal life 10–14 years after . . . 597 (123)
- Osseointegrated implants*
Orthodontic forces on . . . in the rabbit—a histological study 449 (18)
- Osteoblasts*
Expression of cell adhesion molecules on normal human . . . and alteration in response to mechanical strain 578 (68)
- Osteoclasts*
. . . in developing calvarial bone 460 (45)
- Osteopromotive substances*
Biomechanical and histological evaluation of bone healing using . . . 453 (26)
- Overbite and craniomandibular disorders*
Increased . . . : a retrospective study 574 (55)
- Palatal implant anchorage reinforcement*
. . . of posterior teeth: a clinical study 464 (57)
- Palatal morphology*
The effect of unilateral crossbite correction on . . . 583 (81)
- Palatal rugae*
Metric examination of the . . . in cleft patients 581 (75)
- PAR Index*
The . . . as a tool for treatment

- planning and quality control 574 (58)
- Patient attitudes*
... to the wearing of gloves by orthodontists 578 (67)
- PDL fibroblasts*
Collagen synthesis of human ... after non-specific stimulation with the Flexcell system *in vitro* 588 (98)
Collagenase activity and collagen synthesis of ... after orthodontic tooth movement 572 (49)
- Pendulum appliance*
A clinical evaluation of the ... 599 (129)
- Periodontal fibres*
Effects of splinting methods on the rearrangement of ... after tooth movement 579 (70)
- Periodontal fibroblasts*
Collagen mRNA expression of ... by selected immunospecific stimulation of β_1 -integrins 561 (19)
Mechanical stretching induces DNA synthesis in human ... 556 (9)
- Periodontal ligament behaviour*
An experimental and numerical study of ... following orthodontic loading 576 (62)
- Periodontal ligament cells*
Nitric oxide production in mechanically stimulated ... A novel mediator of tooth movement 564 (27)
- Periodontal mechanoreceptors*
Responses of mouse ... to experimentally induced anterior crossbite 459 (42)
- Periodontium*
Inflammation and tooth movement: localization of IL-1 α in stressed ... 589 (100)
- Perioperative mesial force*
Longitudinal ... evaluation after third molar removal 450 (20)
- Permanent teeth*
Effect of stripping on the enamel of ... *in vitro* 590 (102)
- PG retraction system*
Upper incisor retraction with the ... 564 (28)
- PGE₂-synthesis*
Static magnetic fields and ... in 3T3 mouse fibroblasts 593 (111)
- Plastic deformation*
Variation in ... between different bracket types and manufacturers 570 (44)
- Polytetrafluoroethylene membranes*
Guided bone regeneration using ... in craniofacial osseous defects 558 (13)
- Posterior teeth*
Palatal implant anchorage reinforcement of ... : a clinical study 464 (57)
- Post-operative stability*
Relationships between excitation patterns in the masseter muscle before and after orthognathic surgery and ... 448 (14)
- Post-retention change*
An analysis of the multifactorial nature of ... 453 (27)
- Post-retention lower incisor crowding*
Vertical control and predictability of ... 460 (46)
- Post-retention stability*
... of Class II division 1 cases treated with an activator 566 (33)
- Premolars*
Autotransplantation of ... in patients with maxillary alveolar clefts 447 (10)
- Prosthetic and periodontal-prophylactic measures*
New materials for uprighting molars as ... 464 (58)
- Pseudo-Class III malocclusions*
Early treatment of ... the dental and soft tissue changes 571 (47)
- Pulpal tissue changes*
... due to intrusion 554 (3)
- Radiographic diagnosis*
Early ... of apical root resorption during orthodontic treatment 583 (83)
- Rapid maxillary expansion*
Stability following ... 597 (124)
- Relapse*
... 581 (77)
- Residual monomer release*
... from cold- and hot-polymerizing synthetic resins in orthodontics 571 (48)
- Root resorption*
An experimental study of orthodontic ... in human incisors 596 (119)
Can ... be avoided, stopped, repaired? 461 (48)
- Comparison of continuous and discontinuous force application from the point of ... 579 (71)
Continuous intrusive forces induce ... in humans 568 (38)
Prevalence of ... pre- and post-orthodontic treatment 558 (14)
- Ru stage of skeletal maturation*
Dental eruption continues after the ... 452 (24)
- SAM axiograph*
Comparison of orthognathic subjects with untreated individuals using ... and Helkimo's Dysfunction Index (HDI) 599 (127)
- Search for excellence*
The ... in orthodontics—is it really necessary? 465 (61)
- Self-perceptions*
... and social and personal life 10–14 years after orthognathic surgery 597 (123)
- Shape-coordinate analysis*
... of skeletal changes induced by face mask therapy 450 (19)
- Shear bond strengths*
An *in vitro* comparison of four different orthodontic adhesives and their ... and fluoride release capacities 567 (35)
Effects of contamination on the ... of a light-cured glass ionomer cement 559 (17)
Effects of various enamel conditioners on the ... of a light-cured glass ionomer cement 560 (18)
- Skeleto-dental structures*
Effects of facemask therapy on ... and soft tissues 566 (32)
- Soft tissues*
Changes in the shape of the ... at the angle of the mandible following orthognathic surgery 454 (28)
Effects of facemask therapy on skeleto-dental structures and ... 566 (32)
- Soft tissue effects*
Optical scanning and cephalometric assessment of the ... of functional appliances 457 (37)
- Speckle interferometry*
... applied to the biomechanical

- analysis of the human mandible 595 (118)
- Spheno-occipital synchondrosis*
Magnetic resonance images of ... in humans and monkeys 586 (92)
- Splinting methods*
Effects of ... on the rearrangement of periodontal fibres after tooth movement 579 (70)
- Static magnetic fields*
... and PGE₂-synthesis in 3T3 mouse fibroblasts 593 (111)
- Static magnetic fields*
The effect of ... on molecular and cellular activities 575 (59)
- Stomatognathic functional analyser*
A new ... 457 (36)
- Sucking habit*
The effect of a deleterious ... on dental arch morphology 589 (101)
- Superelastic archwires*
Different force levels within ... of constant dimension 575 (60)
- Superelastic NiTi coil springs*
Biomechanical analysis of arch-guided molar distalization employing ... 592 (109)
Laboratory analysis of ... 592 (110)
- Supernumerary teeth*
The importance of early diagnosis of numerical variations in ... 562 (23)
- Surgical periosteomy*
Mandibular hyperpropulsion and ... in animals: condylar cartilage growth activity 446 (7)
- Temporomandibular joint adaptation*
... in Herbst treatment: a prospective MRI and cephalometric roentgenographic study 461 (47)
- Temporomandibular joints*
Magnetic resonance imaging of ... during functional treatment of skeletal Class II division I malocclusions 556 (7)
- Tensile bond strength*
... of metal brackets bonded to treated porcelain 587 (94)
- Testosterone treatment*
... effect on craniofacial growth in boys with delayed puberty 600 (132)
- Third molar*
The ... : problems, prediction and reality 563 (24)
- Three-dimensional maxillofacial balance*
The axis of inertia as a new tool to assess ... 455 (32)
- Tissue reactions*
Ultrastructure of ... after continuous intrusion in humans: an intra-individual study 449 (16)
- Titanium brackets*
Clinical aspects concerning the use of ... 582 (79)
- TMJ*
Enhanced MRI in the diagnosis of early inflammatory changes in the ... in patients with juvenile chronic arthritis 582 (78)
- TMJ-analysis*
Standardized evaluation of magnetic resonance images using a metric ... 445 (5)
- TMJ findings*
... with manual examination techniques during active Herbst treatment 559 (15)
- TMJ growth changes*
The effect of ... on the position of the chin in Herbst treatment 580 (72)
- TMJ problems*
The relationship between ... , occlusion and cephalometric patterns 585 (87)
- TMJ remodelling*
MRI diagnosis of ... during active Herbst appliance treatment 559 (16)
- Tongue movement*
Variability of ... during normal swallowing and tongue thrust 574 (57)
- Tooth movement*
Effects of splinting methods on the rearrangement of periodontal fibres after ... 579 (70)
- Torque play*
Variation in ... between different bracket types and manufacturers 466 (62)
- Transposition of teeth*
... : occurrence, diagnosis and management 594 (114)
- Transversal skull dimensions*
Influence of masticatory function on ... in growing rats 578 (66)
- Treatment outcome*
Evaluation of ... by orthodontic specialists 444 (3)
- UCLP*
Treatment results after ... : a longitudinal study 584 (84)
- Unilateral cleft lip and palate*
Three-dimensional analysis of growth changes in complete ... (UCLP) patients 462 (53)
- Unilateral crossbite correction*
The effect of ... on palatal morphology 583 (81)
- Upper first molars*
The speed of distal movement of the ... 577 (65)
- Upper incisor retraction*
... with the PG retraction system 564 (28)
- Upper permanent canine eruption*
Analysis of ... 449 (17)
- Value of information*
The ... and the cost of uncertainty: who pays the bill? 452 (25)
- Van Beek activator*
The initial effects of the treatment of Class II division I malocclusions with the ... 555 (4)
- Van Beek activator therapy*
Dentofacial changes with ... 584 (85)

Author entries

- Abe, K., Suzuki, A., Murakami, T., Matuda, M. and Hamano, Y.
Relation of growth type and size in stature and cranioface 554 (1)
- Abeleira, M. T., Dominguez, S., Suárez-Quintanilla, D., Shetty, V., Campaña, M. and Barreiro, J.
Frontal analysis in orthodontics 554 (2)
- Abeleira, M. T. see Dominguez, S.; Suárez-Quintanilla, D.
- Acar, A., Küçükkeleş, N., Arbak, S. and Ercan, F.

- Pulpal tissue changes due to intrusion 554 (3)
- Acar, A. see Kocağa, M.
- Adamidis, I. P., Spyropoulos, M. N. and Angelopoulos, G. G.
The development of the nasal cavity in children with clefts 444 (1)
- Aeschelmann, D. see Horn, H.
- Alarcón, J. A. see Martin, C.
- Album, B. see Czochrowska, E.
- Alcázar, J. see Puigdollers, A.
- Allam, K. see Labib, A.
- Altenburger, E. and Ingervall, B.
The initial effects of the treatment of Class II division 1 malocclusions with the Van Beek activator 555 (4)
- Anders, Ch. see Scholle, H. Ch.; Schumann, N. P.
- Angelopoulos, G. G. see Adamidis, I. P.
- Araki, M. and Niwa, K.
Genetic linkage analysis of mandibular protrusion 555 (5)
- Arana-Chavez, V. E., Faltin, R. M., Faltin, K. and Sander, F. G.
Effects of continuous intrusive forces on the collagen fibrils of the periodontal ligament in humans 555 (6)
- Arana-Chavez, V. E. see Faltin, R. M.
- Aras, K. see Öztosun, G.; Ünlü, B.
- Arat, M., Gökalp, H., Erdoğan, B., Erdem, D., Erden, I. and Çiftçi, E.
Magnetic resonance imaging of temporomandibular joints during functional treatment of skeletal Class II division 1 malocclusions 556 (7)
- Arat, M. see Erdoğan, B.
- Arbak, S. see Acar, A.
- Arte, S., Nieminen, P., Pirinen, S., Peltonen, L. and Thesleff, I.
Incisor and premolar hypodontia: exclusion of candidate genes 444 (2)
- Arun, T. see Evrenol, B.; Ünlü, B.
- Aschenbrenner, U. see Carvalho, R. S.
- Ash, M. M. Jr see Tallgren, A.
- Athanasίου, A. E. see Terzoudi, T.
- Avancini, M. P. see Faltin, K.
- Axmann-Krcmar, D. see Horn, H.
- Baccetti, T. and Franchi, L.
Skeletal and occlusal changes in young subjects with untreated Class II malocclusions 556 (8)
- Baccetti, T. see Franchi, L.
- Bacher, M. see Horn, H.
- Bajka, R. see Levander, E.
- Balkanlı, O. see Kılıçoğlu, H.
- Barbato, E. see Malagola, C.
- Barnard, P. D. see McNaught, A. J.
- Barreiro, J. see Abeleira, M. T.
- Basdra, E. K. and Kleisas, D.
Mechanical stretching induces DNA synthesis in human periodontal fibroblasts 556 (9)
- Basdra, E. K. see Stellzig, A.
- Baumrind, S.
Evaluation of treatment outcome by orthodontic specialists 444 (3)
- Beckmann, S. H. and Segner, D.
Open bite: cephalometric prediction of post-retention overbite 557 (10)
- Beckmann, S. H. see Kuitert, R.
- Benedetti, M. see Bosch, C.
- Bérmudez de Castro, T. M. see Domínguez, S.
- Bianco, M. see Martina, R.
- Biedermann, F. see Scholle, H. Ch.
- Bjerkhoel, A. see Kuroi, E.
- Blake, M. see Dowling, P. A.
- Böhme, A. see Jost-Brinkmann, P.-G.
- Bokhout, B., van Loveren, C. and de Soet, H.
Prevalence and transmission of *Mutans streptococci* in cleft children 557 (11)
- Bondevik, O.
How effective is the activator-headgear appliance in finishing cases? 557 (12)
- Bosch, C. and Melsen, B.
Prevalence of root resorption pre- and post-orthodontic treatment 558 (14)
- Bosch, C., Benedetti, M. and Melsen, B.
Correction of Class III malocclusion in children using a face mask 444 (4)
- Bosch, C., Melsen, B. and Vargervik, K.
Guided bone regeneration using polytetrafluoroethylene membranes in craniofacial osseous defects 558 (13)
- Bosch, C. see Jones, L.
- Bourauel, C. see Schneevogt, R.
- Bradl, U. see Scholle, H. Ch.
- Bravo, L. A. see Fernández, E.
- Buerger, W. B. see Firestone, A. R.
- Bumann, A.
Standardized evaluation of magnetic resonance images using a metric TMJ-analysis 445 (5)
- Bumann, A. and Kaddah, A.
MRI diagnosis of TMJ remodelling during active Herbst appliance treatment 559 (16)
- Bumann, A. and Kaddah, A.
TMJ findings with manual examination techniques during active Herbst treatment 559 (15)
- Bumann, A. see Carvalho, R. S.; Gürseler, Y.; Panagiotis, K. N.; Vargas Pereira, M. R.
- Burguela, M. see Suárez, D.
- Burke, F. J. T. see Kearns, H. P. O.
- Çakar, A. see Ciger, S.
- Cacciafesta, V., Süßenberger, U. and Jost-Brinkmann, P.-G.
Effects of various enamel conditioners on the shear bond strengths of a light-cured glass ionomer cement 560 (18)
- Cacciafesta, V., Süßenberger, U., Jost-Brinkmann, P.-G. and Miethke, R.-R.
Effects of contamination on the shear bond strengths of a light-cured glass ionomer cement 559 (17)
- Cacciafesta, V. see Jost-Brinkmann, P.-G.
- Campana, M. see Abeleira, M. T.
- Canut, J.
Dental aesthetics—the dentofacial parameter 445 (6)
- Canut, J. A. see Suárez-Quintanilla, D.
- Canyürek, Ü. see Kocağa, M.
- Carels, C. see De Ridder, L.; Verdonck, A.
- Carvalho, R. S., Bumann, A., Winoto-Morbach, S., Tchikov, V., Kronlage, M. and Aschenbrenner, U.
Collagen mRNA expression of periodontal fibroblasts by selected immunospecific stimulation of β_1 -integrins 561 (19)
- Carvalho, R. S. see Gürseler, Y.; Panagiotis, K. N.; Vargas Pereira, M. R.
- Chae, S. W., Yoon, Y. J. and Kim, K. W.
Effects of light- and self-cured orthodontic sealants on the prevention and inhibition of enamel demineralization *in vitro* 561 (20)

- Chaqués-Asensi, J., Oyen, O. J. and Enlow, D. H.*
Mandibular hyperpropulsion and surgical periosteotomy in animals: condylar cartilage growth activity 446 (7)
- Chiodo, B. P.* see Malagola, C.
- Christiansen, R. L.* see Tallgren, A.
- Çiftçi, E.* see Arat, M.
- Ciğer, S., Kavuklu, İ., Uluçam, R. and Çakar, A.*
Effects of chlorhexidine mouthwash on microbiological and clinical parameters 562 (21)
- Ciğer, S., Kavuklu, İ. and Koray, Z.*
The effect of acetyl salicylic acid on orthodontic tooth movement 562 (22)
- Cingi, A.* see Magni, F.
- Cisman Bogdan, D.* see Cocârlă, E.
- Cobo, J. M.*
Molar distalization with the pendulum appliance in Class II division 2 malocclusions 446 (8)
- Cocârlă, E. and Cisman Bogdan, D.*
The importance of early diagnosis of numerical variations in supernumerary teeth 562 (23)
- Costa, A. and Costa, M.*
Distribution of facial types and malocclusions 446 (9)
- Costa, M.* see Costa, A.
- Cudovic, B.* see Speth, C.
- Czochrowska, E., Semb, G., Stenvik, A., Ålbom, B. and Zachrisson, B.*
Autotransplantation of premolars in patients with maxillary alveolar clefts 447 (10)
- Dahl-Oscarson, N., Delavaux, U. and Persson, M.*
The third molar: problems, prediction and reality 563 (24)
- Danias, C.* see Jones, M. L.
- De Pauw, G. and Derraut, L. R.*
The value of the centre of rotation in the displacement of tooth and bone structures 447 (11)
- De Ridder, L., Verdonck, A. and Carels, C.*
Effect of neonatal orchidectomy on mandibular growth in male rats 563 (25)
- De Rojas, J.* see Marin, J. M.
- de Soet, H.* see Bokhout, B.
- de Zegher, F.* see Verdonck, A.
- del Canto Pingarron, M.* see Rivero Lesmes, J. C.
- Delavaux, U.* see Dahl-Oscarson, N.
- Demirel, H.* see Üçüncü, N.
- Derraut, L. R.* see De Pauw, G.
- Derringer, K. A. and Linden, R. W. A.*
Angiogenic growth factors identified in human pulp following orthodontic force 564 (26)
- Dibbets, J. M. H.* see Verbeek, H. P. J.
- DiBiase, A. T. and Hughes, F. J.*
Nitric oxide production in mechanically stimulated periodontal ligament cells. A novel mediator of tooth movement 564 (27)
- Diedrich, P. R.* see Fuhrmann, R. A. W.; Wehrbein, H.
- Dinc, A.* see Erdem, D.
- Dincer, M., Gülşen, A., Turk, T. and Elekdag, S.*
Upper incisor retraction with the PG. retraction system 564 (28)
- Doll, G. M., Zentner, A., Holla, U. and Sergl, H. G.*
Attitudes towards facial aesthetics and facial profile among various ethnic groups 447 (12)
- Dominguez, S.* see Abeleira, M. T.
- Dominguez, S., Abeleira, M. T., Suárez, D., Bermudez de Castro, T. M., Masa, M. C., Lukacs, J. R. and Rodriguez, C.*
Dental anthropology: a reference for the orthodontist 565 (29)
- Dowling, P. A., Garvey, M. T., Blake, M. and McNamara, C. M.*
An audit of Irish orthodontic referrals 565 (30)
- Duterloo, H.*
Dental aesthetics and the spread of excellence 448 (13)
- Eckardt, L., Harzer, W. and Trenkmann, U.*
Relationships between excitation patterns in the masseter muscle before and after orthognathic surgery and post-operative stability 448 (14)
- Eckardt, L.* see Schneevoigt, R.
- Ekstrand, J.* see Tang, A. T. H.
- Elekdag, S.* see Dincer, M.
- Enlow, D. H.* see Chaqués-Asensi, J.
- Ercan, F.* see Acar, A.
- Erdem, D., Dinc, A. and Gokalp, H.*
Effects of facemask therapy on naso-oropharyngeal areas and dimensions 565 (31)
- Erdem, D., Dinc, A. and Gokalp, H.*
Effects of facemask therapy on skeleto-dental structures and soft tissues 566 (32)
- Erdem, D.* see Arat, M.
- Erden, I.* see Arat, M.
- Erdoğan, B. and Arat, M.*
Post-retention stability of Class II division 1 cases treated with an activator 566 (33)
- Erdoğan, B.* see Arat, M.
- Ertugay, E.* see Üçüncü, N.
- Erverdi, N.* see Kocaağa, M.; Öztosun, G.
- Eslambolchi, S.* see Woodside, D. G.
- Espeland, L.* see Fernandes, M. L.; Nykänen, R.
- Etienne, G.* see Madrid, C.
- Eto, K.* see Piyapattarnin, T.
- Evälahti, M., Nyström, M., Kotilainen, J. and Kataja, M.*
Cephalometric norms for airway dimensions in young Finnish adults 566 (34)
- Evrenol, B., Arun, T. and Küçükkeleş, N.*
An *in vitro* comparison of four different orthodontic adhesives and their shear bond strengths and fluoride release capacities 567 (35)
- Facal-Garcia, A.*
The 'functional intruder' in skeletal Class II orthopaedic treatment 567 (36)
- Færøvig, E. and Zachrisson, B. U.*
Mandibular incisor extraction: indications and results 448 (15)
- Faltin, K., Avancini, M. P., Kessner, C. A. and Jorge, W. A.*
Correlation between stability and facial harmony, dental implantation and neuromuscular activity 568 (37)
- Faltin, K.* see Arana-Chavez, V. E.; Faltin, R. M.
- Faltin, R. M., Arana-Chavez, V. E., Faltin, K. and Sander, F. G.*
Ultrastructure of tissue reactions after continuous intrusion in humans: an intra-individual study 449 (16)
- Faltin, R. M., Arana-Chavez, V. E., Faltin, K. Jr and Sander, F. G.*
Continuous intrusive forces

- induce root resorption in humans 568 (38)
- Faltin, R. M.* see Arana-Chavez, V. E.
- Farella, M., Martina, R., Marotta, G. and Michelotti, A.*
Masticatory activity and cardiovascular responses whilst chewing gum of different toughness 568 (39)
- Farella, M.* see Martina, R.
- Faubert, Ch.* see Pancherz, H.
- Feifel, H.* see Wehrbein, H.
- Fernandes, M. L., Espeland, L. and Stenwik, A.*
A prospective study on orthodontic treatment decisions from patient and care system perspectives 569 (40)
- Fernández, E. and Bravo, L. A.*
Analysis of upper permanent canine eruption 449 (17)
- Fernández, J. R.* see Suárez, D.
- Fernández, P.* see Suárez, D.
- Finotti, M., Miotti, A. M., Napolitano, C. and Miotti, F. A.*
Orthodontic forces on osseointegrated implants in the rabbit—a histological study 449 (18)
- Firestone, A. R., Häsler, R. U. and Ingervall, B.*
Success of orthodontic treatment: results over 10 years 573 (53)
- Firestone, A. R., Scheurer, P. A. and Buerger, W. B.*
Fixed appliances: patient anticipated and reported side-effects 569 (41)
- Fischbach, H.* see Kahl-Nieke, B.
- Fleetham, J. A.* see Özbek, M. M.
- Fraile, J. L.*
Cephalometric changes from medieval to modern man in Spain 569 (42)
- Franchi, L. and Baccetti, T.*
Shape-coordinate analysis of skeletal changes induced by face mask therapy 450 (19)
- Franchi, L., Baccetti, T., Sacerdoti, R. and Tollaro, I.*
Dentofacial features associated with crowding of the lower incisors 570 (43)
- Franchi, L.* see Baccetti, T.
- Franklin, S.* see Rossouw, P. E.
- Frohmann, M., Kastrup Larsen, K., Sielaff, H. and Meling, T.*
Variation in plastic deformation between different bracket types and manufacturers 570 (44)
- Frohmann, M., Kastrup Larsen, K., Sielaff, H. and Meling, T.*
Variation in torque play between different bracket types and manufacturers 466 (62)
- Fu, M. K.* see Hägg, U.
- Fuhrmann, R. A. W., Grave, C. W. and Diedrich, P. R.*
Longitudinal perioperative mesial force evaluation after third molar removal 450 (20)
- Fujita, K.* see Takiguchi, R.
- Gaethofs, M.* see Verdonck, A.
- García-López, S., Villanueva-Arriaga, R., Rodríguez, M. and Macín-Cabrera, S.*
Occlusal features of schoolchildren in South-East Mexico City 571 (45)
- Garvey, M. T.* see Dowling, P. A.
- Gelineck, J.* see Küseler, A.
- Ghosh, J.* see Nanda, R. S.
- Glšić, B.* see Šćepan, I.
- Gökalp, H.* see Arat, M.; Erdem, D.
- González, M. C.* see Suárez-Quintanilla, D.
- González-Cuesta, F. J.*
Relationships of the condyle fossa after orthodontic treatment 571 (46)
- Goodwin, P.* see McDonagh, S.
- Göz, G. R.* see Horn, H.
- Grave, C. W.* see Fuhrmann, R. A. W.
- Gu, Y. and Rabie, A. B. M.*
Early treatment of pseudo-Class III malocclusions: the dental and soft tissue changes 571 (47)
- Guembe, C., Witt, E. and Thull, R.*
Residual monomer release from cold- and hot-polymerizing synthetic resins in orthodontics 571 (48)
- Gülşen, A.* see Dincer, M.
- Gültan, A.* see Tümer, N.
- Gürseler, Y., Carvalho, R. S., Overall, C. M. and Bumann, A.*
Collagenase activity and collagen synthesis of PDL fibroblasts after orthodontic tooth movement 572 (49)
- Haase, A.* see Schneevoigt, R.
- Hagberg, C.*
Perception of cutaneous electrical stimulation before and after mandibular surgery 572 (50)
- Hagberg, C.* see Wong, F.-k.
- Hägg, U. and Fu, M. K.*
Orthodontics in Hong Kong/China and in the future 572 (51)
- Haheisy, A.* see McNamara, C. M.
- Hallscheidt, S., Seitz, O., Schulte-Mönting, J. and Jonas, I. E.*
Effects of growth pattern and extraction on open bites 573 (52)
- Hamano, Y.* see Abe, K.
- Hansen, K.* see Näslund, E.-B.
- Harzer, W.* see Eckardt, L.; Schneevoigt, R.
- Häsler, R. U.* see Firestone, A. R.
- Hauser, Ch., Stellzig, A. and Komposch, G.*
Analysis of data concerning cleft type and associated malformation 573 (54)
- Hauser, Ch.* see Stellzig, A.
- Heaney, T. G.* see Zentner, A.
- Heidbüchel, K. L. W. M., Kuijpers-Jagtman, A. M. and Prahl-Andersen, B.*
Palatal growth in BCLP from birth until 4 years of age 451 (21)
- Hellsing, E.*
Increased overbite and craniomandibular disorders: a retrospective study 574 (55)
- Henrikson, J., Persson, M. and Thilander, B.*
Long-term stability of dental arch form in normal occlusion 451 (22)
- Herlin, T.* see Küseler, A.
- Hickman, J.* see Jones, M. L.
- Hirschfelder, U.*
Does stability or relapse of the incisor position correspond to functional therapy? 452 (23)
- Holla, U.* see Doll, G. M.
- Holtgrave, E. A. and Stoltzenburg-Didinger, G.*
Evaluation of disturbed growth and development in bilateral complete clefts 574 (56)
- Horn, H., Göz, G. R., Bacher, M., Luther, J. and Axmann-Krcmar, D.*
Variability of tongue movement during normal swallowing and tongue thrust 574 (57)
- Horn, H., Göz, G. R., Neuscheler, C., Aeschelmann, D. and Axmann-Krcmar, D.*

- The PAR Index as a tool for treatment planning and quality control 574 (58)
- Howell, S. see McNaught, A. J.
- Huggare, J. see Razavi, S.; Zepa, I.
- Hughes, F. J. see DiBiase, A. T.
- Hwang, H.-S., Park, J.-G., Lee, J.-J. and Kim, J.-C.
The effect of static magnetic fields on molecular and cellular activities 575 (59)
- Hwang, H.-S. see Kim, J.-C.
- Ibe, D. and Segner, D.
Different force levels within superelastic archwires of constant dimension 575 (60)
- Ichida, T. see Takiguchi, R.
- Ideberg, M. see Wong, F.-k.
- Ingervall, B. and Thüer, U.
No effect of lip bumper therapy on pressure from the lower lip on the lower incisors 575 (61)
- Ingervall, B. see Altenburger, E.; Firestone, A. R.; Stucki, N.
- Inglezios, E. see Wichelhaus, A.
- Işeri, H. see Toygar Memikoğlu, T. U.
- Işeri, H. and Solow, B.
Dental eruption continues after the Ru stage of skeletal maturation 452 (24)
- Jaeger, M. see Madrid, C.
- Jakšić, N. see Šćepan, I.
- Johnston, L. E. Jr
The value of information and the cost of uncertainty: who pays the bill? 452 (25)
- Jonas, I. see Schneider, F.; Wagner, R.
- Jonas, I. E. see Hallscheidt, S.; Kypreos, G.
- Jones, L., Bosch, C., Mosekilde, L., Thomsen, J. S. and Melsen, B.
Biomechanical and histological evaluation of bone healing using osteopromotive substances 453 (26)
- Jones, M. L., Middleton, J., Hickman, J., Volp, C. and Danias, C.
An experimental and numerical study of periodontal ligament behaviour following orthodontic loading 576 (62)
- Jonkman, R. E. G., Kastrup Larsen, K. and Segner, D.
Torque strength of ceramic brackets 576 (63)
- Jorge, W. A. see Faltin, K.
- Jost-Brinkmann, P.-G., Cacciafesta, V., Böhme, A. and Miethke, R.-R.
Bonding ceramic brackets with composites and glass ionomers to gold, amalgam and porcelain 577 (64)
- Jost-Brinkmann, P.-G. see Cacciafesta, V.
- Kaddah, A. see Bumann, A.
- Kahl-Nieke, B., Fischbach, H. and Schwarze, C. W.
An analysis of the multifactorial nature of post-retention change 453 (27)
- Kappert, H. F. see Kypreos, G.
- Karadinović, D., Mileusnić, B., Stojanović, L. and Šašić, M.
The speed of distal movement of the upper first molars 577 (65)
- Karadinović, D. see Stojković, M.
- Karsten, A. see Larson, M.
- Kastrup Larsen, K. see Frohmann, M.; Jonkman, R. E. G.
- Kataja, M. see Evälahti, M.
- Katsaros, C. and Kiliaridis, S.
Influence of masticatory function on transversal skull dimensions in growing rats 578 (66)
- Kavuklu, İ. see Ciger, S.
- Kawasaki, K. see Nakamura, Y.
- Keane, J. see McNamara, C. M.
- Kearns, H. P. O. and Burke, F. J. T.
Patient attitudes to the wearing of gloves by orthodontists 578 (67)
- Keleş, A. and Stashenko, P.
Expression of cell adhesion molecules on normal human osteoblasts and alteration in response to mechanical strain 578 (68)
- Kessner, C. A. see Faltin, K.
- Khurana, M. and Moss, J. P.
Changes in the shape of the soft tissues at the angle of the mandible following orthognathic surgery 454 (28)
- Kiliaridis, S. see Katsaros, C.; Papargyriou, G.
- Kılıçoğlu, H., Kırılıç, Y., Külekçi, G. and Balkanlı, O.
The effect of 0.05% NaF mouthrinse on salivary *Mutans streptococci* and lactobacilli levels in orthodontic patients 579 (69)
- Kilpeläinen, P. see Lahtinen, S.
- Kim, H. H. see Kim, J.-C.
- Kim, H.-J. see Rice, D. P. C.
- Kim, J.-C., Kim, H. H., Lee, K.-H. and Hwang, H.-S.
Effects of splinting methods on the rearrangement of periodontal fibres after tooth movement 579 (70)
- Kim, J.-C. see Hwang, H.-S.
- Kim, K. W. see Chae, S. W.
- Kırılıç, Y. see Kılıçoğlu, H.
- Kiyak, A. see Terzoudi, T.
- Kjær, I. see Nodal, M.
- Kjellberg, H. see Papargyriou, G.
- Klaiber, M. see Storr, I.
- Kletsas, D. see Basdra, E. K.
- Kobayashi, K. see Nakamura, Y.
- Kocağa, M., Canyürek, Ü., Acar, A. and Erverdi, N.
Comparison of continuous and discontinuous force application from the point of root resorption 579 (71)
- Kohlhas, P., Pancherz, H. and Ruf, S.
The effect of TMJ growth changes on the position of the chin in Herbst treatment 580 (72)
- Kokich, V. G.
Anterior dental aesthetics: the role of the orthodontist 454 (29)
- Komposch, G. see Hauser, Ch.; Stellzig, A.
- Konoo, T. see Takiguchi, R.
- Kopp, S., Schumann, N. P. and Scholle, H. Ch.
Fatigue in chewing muscles of patients with craniomandibular dysfunction—a pilot study 580 (74)
- Kopp, S. see Schumann, N. P.
- Koray, Z. see Ciger, S.
- Kotilainen, J. and Pirinen, S.
Dental maturity is advanced in Fragile-X syndrome 580 (73)
- Kotilainen, J. see Evälahti, M.
- Kratzsch, H. and Opitz, C.
Metric examination of the palatal rugae in cleft patients 581 (75)
- Krogstad, O. see Nykänen, R.
- Kronlage, M. see Carvalho, R. S.
- Kronseder, W. see Storr, I.
- Küçükkeleş, N. and Merhi, A.
Cephalometric evaluation of stability of Jasper jumper treatment in Class II cases 581 (76)
- Küçükkeleş, N. see Acar, A.; Evrenol, B.; Ünlü, B.

- Kuijpers-Jagtman, A. M.* see *Heidbüchel, K. L. W. M.*
- Kuiter, R., Beckmann, S. H. and Prah-Andersen, B.*
Relapse 581 (77)
- Küleki, G.* see *Kılıçoğlu, H.*
- Kurol, E., Kurol, J., Bjerkhoel, A. and Ydreborg, K.*
Obstructive sleep apnoea syndrome treated with a nocturnal removable appliance 454 (30)
- Kurol, J.* see *Kurol, E.*
- Küseler, A., Pedersen, T. K., Herlin, T. and Gelineck, J.*
Enhanced MRI in the diagnosis of early inflammatory changes in the TMJ in patients with juvenile chronic arthritis 582 (78)
- Kuwahara, Y.* see *Nakamura, Y.*
- Wakimoto, Y.*
- Kvaal, S. I.* see *Nykänen, R.*
- Kvinnslund, I. H.* see *Vandevska-Radunovic, V.*
- Kvinnslund, S.* see *Vandevska-Radunovic, V.*
- Kypreos, G., Rolsdorph, M. C., Jonas, I. E. and Kappert, H. F.*
Clinical aspects concerning the use of titanium brackets 582 (79)
- Labib, A., Refai, H. and Allam, K.*
Evaluation of maxillary growth after surgical correction of mandibular deficiency 582 (80)
- Lahtinen, S., Kilpeläinen, P., Pakkala, R. and Sutinen, T.*
The effect of unilateral crossbite correction on palatal morphology 583 (81)
- Larson, M., Karsten, A., Larson, O., Nyberg, J. and Raud-Westberg, L.*
Occlusion and speech at 5 years of age after two different methods of cleft palate repair 583 (82)
- Larson, O.* see *Larson, M.*; *Wong, F.-k.*
- Lee, J.-J.* see *Hwang, H.-S.*
- Lee, K.-H.* see *Kim, J.-C.*
- Lee, R. T.* see *McDonagh, S.*
- Leitao, P.*
Head position and craniofacial morphology 455 (31)
- Levander, E., Bajka, R. and Malmgren, O.*
Early radiographic diagnosis of apical root resorption during orthodontic treatment 583 (83)
- Limme, M.* see *Raskin, S.*
- Linden, R. W. A.* see *Derringer, K. A.*
- Linder-Aronson, S.* see *Wong, F.-k.*
- Lisson, J. A. and Tränkmann, J.*
Treatment results after UCLP: a longitudinal study 584 (84)
- Liu, Y.* see *Tang, A. T. H.*
- Llorian, R.* see *Madrid, C.*
- López, C.* see *Martin, C.*
- Lowe, A. A.* see *Özbek, M. M.*
- Lukacs, J. R.* see *Dominguez, S.*
- Luther, J.* see *Horn, H.*
- Luthman, H.* see *Wong, F.-k.*
- Macin-Cabrera, S.* see *Garcia-López, S.*
- Madrid, C., Treil, J., Llorian, R., Jaeger, M. and Etienne, G.*
The axis of inertia as a new tool to assess three-dimensional maxillofacial balance 455 (32)
- Magni, C.* see *Magni, F.*
- Magni, F., Magni, C. and Cingi, A.*
The mandibular stimulator and the lingual mandibular stimulator: a new philosophy of mandibular advancement with fixed appliances 455 (33)
- Mäki, K., Varrel, J. and Vinkka-Puhakka, H.*
Dentofacial changes with Van Beek activator therapy 584 (85)
- Malagola, C., Barbato, E., Proietti, D., Manca, R. and Chiodo, B. P.*
A finite element analysis of stress during canine retraction 584 (86)
- Malmgren, O.* see *Levander, E.*
- Manca, R.* see *Malagola, C.*
- Marin, J. M. and De Rojas, J.*
The relationship between TMJ problems, occlusion and cephalometric patterns 585 (87)
- Marotta, G.* see *Farella, M.*
- Martin, C., Alarcón, J. A., López, C., Roselló, J., Palma, J. C. and Sanz, M.*
The effect of chlorhexidine chewing-gum on plaque and gingivitis in patients with fixed orthodontic appliances 456 (34)
- Martina, R., Michelotti, A., Farella, M., Bianco, M. and Orlando, M.*
Motor and sensory changes of jaw muscles after orthodontic discomfort 456 (35)
- Martina, R.* see *Farella, M.*
- Martinez-Gonzalez, J. M.* see *Rivero Lesmes, J. C.*
- Masa, M. C.* see *Dominguez, S.*
- Matuda, M.* see *Abe, K.*
- McDonagh, S., Moss, J. P., Goodwin, P. and Lee, R. T.*
Optical scanning and cephalometric assessment of the soft tissue effects of functional appliances 457 (37)
- McNamara, C. M., Keane, J., Haheisy, A. and Sandy, J.*
The molar status of 679 orthodontic patients in Western Ireland 585 (88)
- McNamara, C. M.* see *Dowling, P. A.*
- McNaught, A. J., Barnard, P. D. and Howell, S.*
A survey of orthodontic practices in Australia 585 (89)
- Melling, T.* see *Frohmann, M.*
- Melsen, B.* see *Bosch, C.*; *Jones, L.*; *Terzoudi, T.*
- Méndez Carrido, C.* see *Pérez Varela, J. C.*
- Merhi, A.* see *Küçükkeleş, N.*
- Merz, B.* see *Wehrbein, H.*
- Michelotti, A.* see *Farella, M.*; *Martina, R.*
- Middleton, J.* see *Jones, M. L.*
- Miethke, R.-R.* see *Cacciafesta, V.*; *Jost-Brinkmann, P.-G.*
- Mileusnić, B.* see *Karadinović, D.*
- Miller, R. L.* see *Tallgren, A.*
- Milutinov, S.* see *Stojković, M.*
- Minyeong, L.* see *Nakamura, Y.*
- Miotti, A. M.* see *Finotti, M.*
- Miotti, F. A., Modenese, A., Zerbetto, C. and Ravara, M.*
Interaction between orthodontist and paediatrician in the early screening of malocclusion 586 (90)
- Miotti, F. A.* see *Miotti, M.*
- Miura, F.*
A new stomatognathic functional analyser 457 (36)
- Miyamoto, K.* see *Özbek, M. M.*
- Modenese, A.* see *Miotti, F. A.*
- Moore, R.* see *Terzoudi, T.*
- Moreno, V.* see *Suárez, D.*
- Mosekilde, L.* see *Jones, L.*
- Moss, J. P.* see *Khurana, M.*; *McDonagh, S.*
- Muñoz Morente, R. and Roldán González, J. L.*
New trends to improve the reliability of masticatory muscle palpation 586 (91)
- Murakami, T.* see *Abe, K.*
- Nakamura, Y., Sekiya, T., Noda, K.,*

- Kuwahara, Y., Minyeong, L., Tanaka, S., Kawasaki, K. and Kobayashi, K.
Magnetic resonance images of spheno-occipital synchondrosis in humans and monkeys 586 (92)
- Nakamura, Y. see Wakimoto, Y.
- Nanda, R. S., O'Donnell, S. A. and Ghosh, J.
Perioral forces and dental changes with mandibular lip bumper treatment 457 (38)
- Napolitano, C. see Finotti, M.
- Näslund, E.-B., Hansen, K. and Petersson, A.
Dose reduction in computed cephalometric radiography 587 (93)
- Neuscheler, C. see Horn, H.
- Nevado, E. see San Román, P.
- Nevado, E., Oteo, M. D., San Román, P., Terrón, F. J., Palma, J. C. and Oteo, C.
Tensile bond strength of metal brackets bonded to treated porcelain 587 (94)
- Nielsen, I. L.
Facial growth and long-term stability 458 (39)
- Nieminen, P. see Arte, S.
- Niwa, K. see Araki, M.
- Noda, K. see Nakamura, Y.; Wakimoto, Y.
- Nodai, E. see Takiguchi, R.
- Nodal, M., Kjær, I. and Solow, B.
Craniofacial morphology in patients with oligodontia 458 (40)
- Nyberg, J. see Larson, M.
- Nykänen, R., Espeland, L., Kvaal, S. I. and Krogstad, O.
Variability in dental development among groups of Caucasians 587 (95)
- Nyström, M. see Evälahti, M.
- O'Donnell, S. A. see Nanda, R. S.
- Ohki, S. see Takiguchi, R.
- Opitz, C. see Kratzsch, H.
- Orlando, M. see Martina, R.
- Oteo, C. see Nevado, E.
- Oteo, M. D. see Nevado, E.; San Román, P.
- Overall, C. M. see Gürseler, Y.
- Oyen, O. J. see Chaqués-Asensi, J.
- Özbek, M. M., Miyamoto, K., Lowe, A. A. and Fleetham, J. A.
Natural head posture, upper airway morphology and obstructive sleep apnoea 458 (41)
- Öztosun, G., Aras, K. and Erverdi, N.
Tensile test results of a new non-etch, light-cured bonding system on wet enamel surfaces 588 (96)
- Pahkala, R. see Lahtinen, S.
- Palama, J. C. see San Román, P.
- Palma, J. C. see Martin, C.; Nevado, E.
- Panagiotis, K. N., Bumann, A. and Carvalho, R. S.
Collagen synthesis of human PDL fibroblasts after non-specific stimulation with the Flexcell system *in vitro* 588 (98)
- Pancherz, H., Ruf, S. and Faubert, Ch.
Mandibular articular disc position in Herbst treatment 588 (97)
- Pancherz, H. see Kohlhas, P.; Ruf, S.; Speth, C.
- Papargyriou, G., Kjellberg, H. and Kiliaridis, S.
Characteristics of masticatory movements in growing individuals: a longitudinal follow-up over 6 years 589 (99)
- Park, J.-G. see Hwang, H.-S.
- Pedersen, T. K. see Küscler, A.
- Peltonen, L. see Arte, S.
- Pereda, J. C. see Varela, M.
- Pérez Varela, J. C., Suárez-Quintanilla, D. and Méndez Carrido, C.
Inflammation and tooth movement: localization of IL-1 α in stressed periodontium 589 (100)
- Pérez, J. C. see Suárez-Quintanilla, D.
- Persson, M. see Dahl-Oscarson, N.; Henrikson, J.
- Petersson, A. see Näslund, E.-B.
- Piekarczyk, B., Widmańska, E. A. and Tolloczko-Tarnawska, M.
The effect of a deleterious sucking habit on dental arch morphology 589 (101)
- Pirinen, S. see Arte, S.; Kotilainen, J.
- Piyapattarnin, T., Takono, Y., Eto, K. and Soma, K.
Responses of mouse periodontal mechanoreceptors to experimentally induced anterior crossbite 459 (42)
- Poirrier, R. see Raskin, S.
- Prahl-Andersen, B.
ISO-certification—fact or fiction? 459 (43)
- Prahl-Andersen, B. see Heidbüchel, K. I., W. M.; Kuitert, R.; Raadsheer, M. C.
- Proietti, D. see Malagola, C.
- Puigdollers, A. and Alcázar, J.
Effect of stripping on the enamel of permanent teeth *in vitro* 590 (102)
- Raadsheer, M. C., van Eijden, T. M. G. J., van Ginkel, F. C. and Prahl-Andersen, B.
Bite force, jaw muscle thickness and facial morphology 590 (103)
- Rabie, A. B. M. see Gu, Y.
- Rahn, B. A. see Wagner, R.
- Ramos, I. see Suárez-Quintanilla, D.
- Raskin, S., Limme, M. and Poirrier, R.
A pattern of craniofacial morphology in obstructive sleep apnoea 459 (44)
- Raud-Westberg, L. see Larson, M.
- Ravara, M. see Miotti, F. A.
- Razavi, S., Huggare, J. and Skindhøj, B.
Chewing efficiency and reproducibility in relation to the shape of the masticated test material 590 (104)
- Refai, H. see Labib, A.
- Rice, D. P. C., Kim, H.-J. and Thesleff, I.
Osteoclasts in developing calvarial bone 460 (45)
- Rivero Lesmes, J. C., Martínez-Gonzalez, J. M. and del Canto Pingarrón, M.
Closure of midline diastemas following CO₂ laser fraenectomy 591 (105)
- Rodríguez, C. see Domínguez, S.
- Rodríguez, M. see García-López, S.
- Roldán González, J. L. see Muñoz Morente, R.
- Rolsdorph, M. C. see Kypreos, G.
- Román, J. F. see Suárez, D.
- Roselló, J. see Martin, C.
- Rossouw, P. E., Woodside, D. G. and Franklin, S.
Vertical control and predictability of post-retention lower incisor crowding 460 (46)
- Rossouw, P. E. see Woodside, D. G.
- Rudzki-Janson, I. see Storr, I.
- Ruf, S. and Pancherz, H.
Has the Herbst appliance a

- rotational effect on the mandible? 466 (63)
- Ruf, S. and Pancherz, H.
Temporomandibular joint adaptation in Herbst treatment: a prospective MRI and cephalometric roentgenographic study 461 (47)
- Ruf, S. see Kohlhas, P.; Pancherz, H. Rygh, P.
Can root resorption be avoided, stopped, repaired? 461 (48)
- Sacerdoti, R. see Franchi, L.
- San Román, P., Palama, J. C., Oteo, M. D. and Nevado, E.
The correlation between cervical vertebrae and hand-wrist radiographs 591 (106)
- San Román, P. see Nevado, E.
- Sander, F. G. see Arana-Chavez, V. E.; Faltin, R. M.; Wichelhaus, A.
- Sandy, J. see McNamara, C. M.
- Sanz, M. see Martin, C.
- Šašić, M.
Craniofacial changes in Class II division 1 malocclusions 591 (107)
- Šašić, M. see Karadinović, D.
- Šćepan, I., Glišić, B. and Jakšić, N.
Influence of growth on vertical dimensions in Class II division 2 malocclusions 591 (108)
- Scheurer, P. A. see Firestone, A. R.
- Schneevoigt, R., Bourauel, C., Harzer, W. and Eckardt, L.
Biomechanical analysis of arch-guided molar distalization employing superelastic NiTi coil springs 592 (109)
- Schneevoigt, R., Haase, A. and Harzer, W.
Laboratory analysis of superelastic NiTi compression springs 592 (110)
- Schneider, F. and Jonas, I.
Static magnetic fields and PGE₂-synthesis in 3T3 mouse fibroblasts 593 (111)
- Scholle, H. Ch., Schumann, N. P., Anders, Ch., Biedermann, F. and Bradl, U.
Characterization of muscle recruitment processes considering anatomical and histochemical aspects of muscles 593 (112)
- Scholle, H. Ch. see Kopp, S.; Schumann, N. P.
- Schulte-Mönting, J. see Hallscheidt, S.
- Schumann, N. P., Scholle, H. Ch., Anders, Ch. and Kopp, S.
Topographic and temporal representation of fatigue in the chewing muscles during sustained contraction 593 (113)
- Schumann, N. P. see Kopp, S.; Scholle, H. Ch.
- Schwarze, C. W. see Kahl-Nieke, B.
- Segner, D.
A method to correlate aesthetic ratings and cephalometric variables 461 (49)
- Segner, D. see Beckmann, S. H.; Ibe, D.; Jonkman, R. E. G.
- Seitz, O. see Hallscheidt, S.
- Sekiya, T. see Nakamura, Y.
- Semb, G. see Czochrowska, E.
- Serogl, H. G. see Doll, G. M.
- Shapira, Y.
Transposition of teeth: occurrence, diagnosis and management 594 (114)
- Shapiro, P.
Open bite: stability of surgical versus non-surgical treatment 462 (50)
- Shetty, V. see Abeleira, M. T.
- Sielaff, H. see Frohmann, M.
- Skinazi, G. L. S.
Facial appearances and sexual dimorphism 462 (51)
- Skindhøj, B. see Razavi, S.
- Solow, B. see Işeri, H.; Nodal, M.
- Soma, K. see Piyapattarnin, T.
- Speth, C., Pancherz, H. and Cudovic, B.
Orthodontic space closure after extraction of four permanent first molars: a method of analysis 594 (115)
- Spyropoulos, M. N.
Aesthetics and individuality in orthodontics 462 (52)
- Spyropoulos, M. N. see Adamidis, I. P.
- Stashenko, P. see Keleş, A.
- Stellzig, A., Hauser, Ch., Busdra, E. K. and Komposch, G.
Three-dimensional analysis of growth changes in complete unilateral cleft lip and palate (UCLP) patients 462 (53)
- Stellzig, A. see Hauser, Ch.
- Stenvik, A. see Czochrowska, E.; Fernandes, M. L.
- Stojanović, L. see Karadinović, D.
- Stojković, M., Karadinović, D. and Milutinov, S.
Aesthetic improvement of the lips using face masks in the treatment of Class III malocclusions 595 (116)
- Stoltenburg-Didinger, G. see Holtgrave, E. A.
- Storr, I., Klaiber, M., Kronseder, W. and Rudzki-Janson, I.
Stability of the lower incisor position after orthodontic treatment 595 (117)
- Stucki, N. and Ingervall, B.
The use of the Jasper jumper for the correction of Class II malocclusion in the young permanent dentition 463 (54)
- Suárez, D., Román, J. F., Moreno, V., Viana, J., Fernández, P., Abeleira, M. T., Fernández, J. R. and Burguela, M.
Speckle interferometry applied to the biomechanical analysis of the human mandible 595 (118)
- Suárez-Quintanilla, D., Canut, J. A., Abeleira, M. T., González, M. C., Pérez, J. C. and Ramos, I.
An experimental study of orthodontic root resorption in human incisors 596 (119)
- Suárez-Quintanilla, D. see Abeleira, M. T.; Domínguez, S.; Pérez Varela, J. C.
- Süßenberger, U. see Cacciafesta, V.
- Sutinen, T. see Lahtinen, S.
- Suzuki, A. see Abe, K.
- Takiguchi, R., Ichida, T., Konoo, T., Ohki, S., Nodai, E., Fujita, K. and Yamada, K.
Longitudinal growth changes in different facial aspects 596 (120)
- Takono, Y. see Piyapattarnin, T.
- Tallgren, A., Christiansen, R. L., Ash, M. M. Jr and Miller, R. L.
Effects of an oral shield on orofacial muscle activity and structures 596 (121)
- Tanaka, S. see Nakamura, Y.
- Tang, A. T. H., Liu, Y. and Ekstrand, J.
Cytotoxic properties of orthodontic bonding resins 597 (122)
- Tchikov, V. see Carvalho, R. S.
- Terrón, F. J. see Nevado, E.
- Terzoudi, T., Kiyak, A., Athanasiou, A. E., Moore, R. and Melsen, B.
Self-perceptions and social and

- personal life 10–14 years after orthognathic surgery 597 (123)
- Thesleff, I.* see *Arte, S.; Rice, D. P. C.*
- Thilander, B.*
Dental implants in orthodontics 463 (55)
- Thilander, B.* see *Henrikson, J.*
- Thomsen, J. S.* see *Jones, L.*
- Thüer, U.* see *Ingervall, B.*
- Thull, R.* see *Guembe, C.*
- Tol 1 oczko-Tarnawska, M.* see *Piekarczyk, B.*
- Tollaro, I.* see *Franchi, L.*
- Toygar Memikoğlu, T. U. and Işeri, H.*
Stability following rapid maxillary expansion 597 (124)
- Tränkmann, J.* see *Lisson, J. A.*
- Treil, J.* see *Madrid, C.*
- Trenkmann, U.* see *Eckardt, L.*
- Tümer, N. and Gültan, A.*
Comparison of skeletal and dental effects of monobloc and twin-block appliances 598 (125)
- Türk, T.* see *Dincer, M.*
- Üçüncü, N., Ertugay, E. and Demirel, H.*
The use of the Index of Orthodontic Treatment Need in schoolchildren and a referred population: an epidemiological survey 598 (126)
- Uluçam, R.* see *Çiğer, S.*
- Ünlü, B., Arun, T., Aras, K. and Küçükkeleş, N.*
Comparison of orthognathic subjects with untreated individuals using SAM, axiograph and Helkimo's Dysfunction Index (HDI) 599 (127)
- van der Linden, F. P. G. M.*
Correction of anterior teeth in adults 463 (56)
- van Eijden, T. M. G. J.* see *Raadsheer, M. C.*
- van Ginkel, F. C.* see *Raadsheer, M. C.*
- van Loveren, C.* see *Bokhout, B.*
- Vandevska-Radunovic, V., Kvinnsland, I. H. and Kvinnsland, S.*
Effect of denervation on blood flow incident to experimental tooth movement 599 (128)
- Varela, M. and Pereda, J. C.*
A clinical evaluation of the pendulum appliance 599 (129)
- Vargas Pereira, M. R., Bumann, A. and Carvalho, R. S.*
Error measurements and normative values of the metric MRI analysis 600 (130)
- Vargervik, K.* see *Bosch, C.*
- Varrela, J.* see *Mäki, K.*
- Verbeek, H. P. J. and Dibbets, J. M. H.*
Error distribution of cephalometric landmarks articulare, basion and opisthion after superimpositioning on the foramen magnum 600 (131)
- Verdonck, A., Gaethofs, M., Carels, C. and de Zegher, F.*
Testosterone treatment effect on craniofacial growth in boys with delayed puberty 600 (132)
- Verdonck, A.* see *De Ridder, L.*
- Viaño, J.* see *Suárez, D.*
- Villanueva-Arriaga, R.* see *García-López, S.*
- Vinkka-Puhakka, H.* see *Mäki, K.*
- Volp, C.* see *Jones, M. L.*
- Wagner, R., Jonas, I. and Rahn, B. A.*
Influence of muscle function on bone development in growing rats 601 (133)
- Wakimoto, Y., Noda, K., Nakamura, Y. and Kuwahara, Y.*
Cytochrome C oxidase activity in odontoclasts during experimental tooth movement 601 (134)
- Watted, N.* see *Witt, E.*
- Wehrbein, H., Feifel, H., Merz, B. and Diedrich, P.*
Palatal implant anchorage reinforcement of posterior teeth: a clinical study 464 (57)
- Wichelhaus, A. and Sander, F. G.*
New materials for uprighting molars as prosthetic and periodontal-prophylactic measures 464 (58)
- Wichelhaus, A., Sander, F. G. and Inglezios, E.*
The asymmetrical headgear with internal hinge applied in Class II patients 601 (135)
- Widmańska, E. A.* see *Piekarczyk, B.*
- Winoto-Morbach, S.* see *Carvalho, R. S.*
- Witt, E. and Watted, N.*
Functional appliance therapy in combination with extraoral traction and up-and-down elastics 464 (59)
- Witt, E.* see *Guembe, C.*
- Wong, F.-k., Hagberg, C., Larson, O., Ideberg, M., Luthman, H. and Linder-Aronson, S.*
Gene mapping of cleft lip and palate 465 (60)
- Woodside, D. G., Eslambolchi, S. and Rossouw, P. E.*
A serial study of mandibular incisor alignment from 20 to 70 years of age 602 (136)
- Woodside, D. G.* see *Rossouw, P. E.*
- Yamada, K.* see *Takiguchi, R.*
- Ydreborg, K.* see *Kurol, E.*
- Yoon, Y. J.* see *Chae, S. W.*
- Zachrisson, B. U.*
The search for excellence in orthodontics—is it really necessary? 465 (61)
- Zachrisson, B. U.* see *Czochrowska, E.; Færøvig, E.*
- Zentner, A. and Heaney, T. G.*
Proliferative response of junctional epithelium to mechanical stimulation 602 (137)
- Zentner, A.* see *Doll, G. M.*
- Zepa, I. and Huggare, J.*
Reference structures for assessment of frontal head posture 602 (138)
- Zerbetto, C.* see *Miotti, F. A.*