



## Author Index

- Aaron, J. J. – *see* Mahedero et al. 61  
Abidi, R. – *see* Baklouti et al. 197  
Aigner, Z., Kézsmárki, A., Kata, M., Novák, C. and Erös, I. / Investigation of Tenoxicam and  $\gamma$ -Cyclodextrin Binary and Ternary Complexes 227  
Aigner, Z., Szepesi, E., Berkó, S., Novák, C., Regdon Jr., G., and Kata, M. / Investigation of Ethacrynic Acid and Random-methyl- $\beta$ -cyclodextrin Binary Complexes 219  
Aladko, E. Ya. – *see* Dyadin et al. 213  
Al-Saádi, H. M. – *see* Salman et al. 289  
Amini, M. M. – *see* Kooti et al. 265  
Ancharov, A. I. – *see* Dyadin et al. 213  
Antinucci, S. – *see* Bottino et al. 323  
Aous, S. – *see* Fauvelle et al. 203  
Ascenso, J. R. – *see* Marcos et al. 281  
Asfari, Z. – *see* Baklouti et al. 197  
Ashram, M. H. / Conductance and Thermodynamic Study of the Complexation of Ethyl *p-Tert*-butylcalix[4]arene Tetraacetate with Alkali Metal and Silver Ions in Various Solvents 25  
Baklouti, L., Abidi, R., Vicens, J., Asfari, Z., Harrowfield, J. and Rokbani, R. / Cation Binding Properties by Ligands Deriving from *p-tert*-butylcalix[4]arene O-substituted by Diethyl Malonate Functions 197  
Barbosa, C. A. S., Ferreira, A. M. D. C., Constantino, V. R. L. and Coelho, A. C. V. / Preparation and Characterization of Cu(II) Phthalocyanine Tetrasulfonate Intercalated and Supported on Layered Double Hydroxides 15  
Barcza, L. – *see* Buvári-Barcza et al. 209  
Barnes, C. E. – *see* Bryan et al. 241  
Bautista, A. – *see* Mahedero et al. 61  
Berkó, S. – *see* Aigner et al. 219  
Bormann, D. – *see* Boukamel et al. 269  
Bottino, A., Consoli, G. M. L., Cunsolo, G., Geraci, C., Tedesco, C., Antinucci, S. and Neri, P. / X-Ray Structure of an Inclusion Compound of 5,5'-Biscalix[4]arene-hexabenzoate with Toluene 323  
Boukamel, N. B., Krallala, A., Bormann, D., Caron, L., Canipelle, M., Tilloy, S. and Monflier, E. / Theoretical Investigations of the Inclusion Processes of (4-*tert*-butylphenyl) (3-sulfonatophenyl) (phenyl) Phosphine in  $\beta$ -Cyclodextrin 269  
Bourlinos, A. B. – *see* Hadjoudis et al. 275  
Bryan, J. C., Chen, T., Levitskaia, T. G., Haverlock, T. J., Barnes, C. E. and Moyer, B. A. / Solvation of Calix[4]arene-bis-crown-6 Molecules 241  
Buschmann, H.-J. and Mutihac, L. / The Complexation of Some Amino Acids by Isomers of Dicyclohexano-18-Crown-6 and 18-Crown-6 in Methanol 193  
Buvári-Barcza, A., Csámpai, A. and Barcza, L. / Ternary  $\beta$ -Cyclodextrin Complexes as Models of Allosteric Effects 209  
Canipelle, M. – *see* Boukamel et al. 269  
Caron, L. – *see* Boukamel et al. 269  
Çetili, H., Karakuş, M., Erdem, E. and Deligöz, H. / Synthesis, Metal Complexation and Spectroscopic Characterization of Three New Azo Compounds 187  
Chen, T. – *see* Bryan et al. 241  
Chen, X., Yang, C., Qin, J., Inokuchi, M., Fujii, Y., Kinoshita, M., Ichimura, K. and Yakushi, K. / The Characterization and Magnetic Properties of Inorganic-Organic Hybrid Nanocomposites, Stilbazolums Inserted into Layered FePS<sub>3</sub> 71  
Chen, Y. – *see* Liu et al. 151  
Chen, Y., Yang, F., Thuéry, P., Nierlich, M. and Vicens, J. / Crystal Structure and Complexing Properties of *p-tert*-butylcalix[6]-1,4-2,5-bis(crown-4) 261  
Coelho, A. C. V. – *see* Barbosa et al. 15  
Consoli, G. M. L. – *see* Bottino et al. 323  
Constantino, V. R. L. – *see* Barbosa et al. 15  
Csámpai, A. – *see* Buvári-Barcza et al. 209  
Cserhati, T., Forgacs, E., Darwish, Y., Oros, G. and Illes, Z. / Interaction of Pesticides with a  $\beta$ -Cyclodextrin Derivative Studied by Reversed-phase Thin-layer Chromatography and Principal Component Analysis 235  
Cunsolo, G. – *see* Bottino et al. 323  
Darwish, Y. – *see* Cserhati et al. 235  
Davies, E. / Editorial Announcement 167  
Davies, E. / Encapsulation on a Stamp 157  
Debouzy, J. C. – *see* Fauvelle et al. 203  
Del Arco-Gómez, A. – *see* Valero et al. 121  
Deligöz, H. – *see* Çetili et al. 187  
Disch, J. S. – *see* Nazarenko et al. 83  
Duan, C. – *see* Sun et al. 131  
Dyadin, Yu. A., Larionov, E. G., Manakov, A. Yu., Kurnosov, A. V., Zhurko, F. V., Aladko, E. Ya., Ancharov, A. I., Tolochko, B. P. and Sheromov, M. A. / Clathrate Hydrates of Sulfur Hexafluoride at High Pressures 213  
Erdem, E. – *see* Çetili et al. 187  
Erk, C. – *see* Yapar, G. 145  
Ermolaeva, L. V. – *see* Mustafina et al. 77  
Erös, I. – *see* Aigner et al. 227

- Fauvelle, F., Gadelle, A., Pailler, Y., Aous, S. and Debouzy, J. C. / Acidic Derivative of Per(3,6-anhydro)- $\alpha$ -cyclodextrin: Preparation and a First Evaluation of Its Affinity for Lanthanides by  $^1\text{H}$  NMR 203
- Ferreira, A. M. D. C. – see Barbosa et al. 15
- Forgacs, E. – see Cserhati et al. 235
- Fujii, Y. – see Chen et al. 71
- Gadelle, A. – see Fauvelle et al. 203
- Geraci, C. – see Bottino et al. 323
- Ghanadzadeh, A. – see Zanjanchi et al. 295
- Gou, S. – see Sun et al. 131
- Grzejdziak, A. – see Sroczyński, D. 99
- Gu, J. – see Wang et al. 39
- Guo, Q.-X. – see Liu, L. 1
- Habicher, W. D. – see Mustafina et al. 77
- Hadjoudis, E., Bourlinos, A. B. and Petridis, D. / The Environmental Effect of MCM-41 Mesoporous Silica on Solid Thermochromic *N*-(5-Chlorosalicylidene)aniline 275
- Hamada, F. – see Kabuto et al. 89
- Hamada, F. – see Narita et al. 107
- Hamada, F. – see Narita et al. 137
- Harrowfield, J. – see Baklouti et al. 197
- Hasegawa, Y., Matsuda, R., Kisa, M. and Iso, M. / Intercalation of *N,N*-dimethyl-1-phenylethylamine into  $\alpha$ -Zirconium Phosphate 33
- Hashimoto, K. – see Takeda et al. 313
- Haverlock, T. J. – see Bryan et al. 241
- Higuchi, Y. – see Kabuto et al. 89
- Huang, W. – see Sun et al. 131
- Ichimura, K. – see Chen et al. 71
- Iki, N. – see Kabuto et al. 89
- Illes, Z. – see Cserhati et al. 235
- Inokuchi, M. – see Chen et al. 71
- Iso, M. – see Hasegawa et al. 33
- Ito, T. – see Ujiie et al. 301
- Itoh, J. – see Narita et al. 107
- Jiang, Z. – see Wang et al. 39
- Jin, L. – see Liu et al. 115
- Jung, J. H. – see Yoon et al. 45
- Kabuto, C., Higuchi, Y., Niimi, T., Hamada, F., Iki, N., Morohashi, N. and Miyano, S. / Crystal Structures of Mono-, Di-, and Tri(*p*-*tert*-butyl)-thiacalix[4]arenes: Dimeric Self-inclusion Behavior 89
- Karakuş, M. – see Çetili et al. 187
- Kata, M. – see Aigner et al. 219
- Kata, M. – see Aigner et al. 227
- Kataev, V. E. – see Mustafina et al. 77
- Katsuta, S. – see Takeda et al. 313
- Kazakova, E. KH. – see Mustafina et al. 77
- Kézsmárki, A. – see Aigner et al. 227
- Khadem-Nahvi, F. – see Zanjanchi et al. 295
- Kikuchi, T. – see Narita et al. 107
- Kim, J. – see Yoon et al. 45
- Kimura, T. – see Ujiie et al. 301
- Kinoshita, M. – see Chen et al. 71
- Kisa, M. – see Hasegawa et al. 33
- Kolchinski, A. G. – see Kryatova et al. 251
- Kolchinski, A. G. – see Nazarenko et al. 83
- Kooti, M., Zendehdel, M. and Amini, M. M. / Esterification and Intramolecular Acylation Reactions with Transition Metal/Zeolites 265
- Krallafa, A. – see Boukamel et al. 269
- Kryatova, O. P., Kolchinski, A. G. and Rybak-Akimova, E. V. / Molecular Tweezers for Dicarboxylic Acids Based on a Saddle-Shaped Metallomacrocyclic Platform 251
- Kumamaru, K. – see Yamato et al. 51
- Kumar, M., Sharma, V. (nee Bhalla) and Nagendra Babu, J. / Synthesis of New Cryptands Containing 3,5-Disubstituted-1-Methyl or 1-Hexadecyl-Pyrazole by [3+2] Condensation and Reduction 247
- Kurnosov, A. V. – see Dyadin et al. 213
- Larionov, E. G. – see Dyadin et al. 213
- Lee, S. S. – see Yoon et al. 45
- Levitskaia, T. G. – see Bryan et al. 241
- Li, H. – see Wang et al. 39
- Li, L. – see Liu et al. 151
- Lipowski, J. / Obituary 165
- Liu, L. Guo, Q.-X. / The Driving Forces in the Inclusion Complexation of Cyclodextrins 1
- Liu, Y., Jin, L. and Zhang, H.-Y. / Inclusion Complexation Thermodynamics of Acridine Red and Rhodamine B by Natural and Novel Oligo(ethylenediamine) Tethered Schiff Base  $\beta$ -Cyclodextrin 115
- Liu, Y., Li, L. and Chen, Y. / Molecular Recognition Studies on Supramolecular Systems. Part 38. Inclusion Complexation of Organic Dyes by Organoselenium Bridged Bis( $\beta$ -cyclodextrin)s with a Short Linker 151
- Mahedero, M. C., Muñoz de la Peña, A., Bautista, A. and Aaron, J. J. / An Investigation of Inclusion Complexes of Cyclodextrins with Phenylurea Herbicides by Photochemically-Induced Fluorescence. Analytical Applications 61
- Manakov, A. Yu. – see Dyadin et al. 213

- Marcos, P. M., Ascenso, J. R., Segurado, M. A. P. and Pereira, J. L. C. / *p-tert-Butyldihomooxacalix[4]arene/p-tert-Butylcalix[4]arene*: Transition and Heavy Metal Cation Extraction and Transport Studies by Ketone and Ester Derivatives 281
- Markarova, N. A. – see Mustafina et al. 77
- Matsuda, R. – see Hasegawa et al. 33
- Miyano, S. – see Kabuto et al. 89
- Monflier, E. – see Boukamel et al. 269
- Morohashi, N. – see Kabuto et al. 89
- Morozumi, T. – see Ujiie et al. 301
- Moyer, B. A. – see Bryan et al. 241
- Muñoz de la Peña, A. – see Mahedero et al. 61
- Mustafina, A. R., Skripacheva, V. V., Kazakova, E. KH., Markarova, N. A., Kataev, V. E., Ermolaeva, L. V. and Habicher, W. D. / A Watersoluble Sulfonatomethylated Calix[4]resorcinarene as Artificial Receptor of Metal Complexes 77
- Mutihac, L. – see Buschmann, H.-J. 193
- Nagendra Babu, J. – see Kumar et al. 247
- Nakamura, H. – see Ujiie et al. 301
- Narita, M., Itoh, J., Kikuchi, T. and Hamada, F. / A High Sensitivity Fluorescent Chemo-sensory System Based on  $\beta$ -Cyclodextrin Dimer Modified with Dansyl Moieties 107
- Narita, M., Tashiro, E. and Hamada, F. / Synthesis of a Selective Fluorescent Sensing System Based on  $\gamma$ -Cyclodextrin Modified with Pyrene and Tosyl on the Hetero Rims 137
- Nazarenko, A. Y., Robinson, P. D., Wilson, R. M., Kolchinski, A. G., Disch, J. S. and Rybak-Akimova, E. V. / Structural Consequences of Deacylation of Nickel(II) Cyclidenes in Acidic and Basic Conditions 83
- Neri, P. – see Bottino et al. 323
- Nierlich, M. – see Chen et al. 261
- Niiimi, T. – see Kabuto et al. 89
- Novák, C. – see Aigner et al. 219
- Novák, C. – see Aigner et al. 227
- Oros, G. – see Cserhati et al. 235
- Paillet, Y. – see Fauville et al. 203
- Park, K.-M. – see Yoon et al. 45
- Park, S. B. – see Yoon et al. 45
- Pereira, J. L. C. – see Marcos et al. 281
- Petridis, D. – see Hadjoudis et al. 275
- Qin, J. – see Chen et al. 71
- Regdon Jr., G. – see Aigner et al. 219
- Robinson, P. D. – see Nazarenko et al. 83
- Rodríguez, L. J. – see Valero et al. 121
- Rokbani, R. – see Baklouti et al. 197
- Rybak-Akimova, E. V. – see Kryatova et al. 251
- Rybak-Akimova, E. V. – see Nazarenko et al. 83
- Salem, M. A. – see Salman et al. 289
- Salman, S. R., Salem, M. A. and Al-Saádi, H. M. / Molecular Complexes of Crown Ethers: Part 7. Effect of Surfactant on the Charge-Transfer Complex between Dibenzo-18-Crown-6 and Tetracyanoethylene 289
- Segurado, M. A. P. – see Marcos et al. 281
- Sharma, V. (nee Bhalla) – see Kumar et al. 247
- Sheromov, M. A. – see Dyadin et al. 213
- Shi, X. – see Wang et al. 39
- Skripacheva, V. V. – see Mustafina et al. 77
- Sroczyński, D. and Grzejdziak, A. / Silver(I) and Silver(II) Complexes with Some Tetraazamacrocyclic Ligands in Aqueous Solutions 99
- Sun, Y., Zeng, Q., Gou, S., Huang, W., Duan, C. and Yao, J. / A Tetranuclear Zinc(II) Complex of a [4+4] Macroyclic Schiff Base Ligand 131
- Szepesi, E. – see Aigner et al. 219
- Takeda, Y., Hashimoto, K., Yoshiyama, D. and Katsuta, S. / Extraction of Alkali Metal (Li, Na, K) Picrates with Benzo-15-crown-5 into Various Organic Solvents. Elucidation of Fundamental Equilibria Determining the Extraction-ability and -selectivity 313
- Takemura, H. / Azacalixarenes: Synthesis, Complexation, and Structures 169
- Tashiro, E. – see Narita et al. 137
- Tedesco, C. – see Bottino et al. 323
- Thuéry, P. – see Chen et al. 261
- Tilloy, S. – see Boukamel et al. 269
- Tolochko, B. P. – see Dyadin et al. 213
- Ujiie, T., Morozumi, T., Kimura, T., Ito, T. and Nakamura, H. / Rotaxane Type Complexation Behavior of Cyclodextrins with Zinc (II) Tetraphenylporphyrin-Viologen Linked Compounds 301
- Valero, M., Del Arco-Gómez, A. and Rodríguez, L. J. / New Insight into the Structure of CTAB Micelles in the Presence of Cyclodextrins, Using Non-Steroidal Anti-Inflammatory Agents – *Nabumetone, Naproxen* – as Fluorescent Probes 121
- Vicens, J. – see Baklouti et al. 197
- Vicens, J. – see Chen et al. 261
- Wang, L., Li, H., Jiang, Z., Gu, J. and Shi, X. / The Synthesis of Nitrogen-Containing Calixarene Derivatives and their Interactions with Lead Ions 39
- Wilson, R. M. – see Nazarenko et al. 83
- Yakushi, K. – see Chen et al. 71
- Yamamoto, H. – see Yamato et al. 51
- Yamato, T., Zhang, F., Kumamaru, K. and Yamamoto, H. / Synthesis, Conformational Studies and Inclusion Properties of Tetrakis[(2-pyridylmethyl)oxy]thiacalix[4]arenes 51
- Yang, C. – see Chen et al. 71
- Yang, F. – see Chen et al. 261
- Yao, J. – see Sun et al. 131

- Yapar, G. and Erk, C. / The Synthesis of Dibenzo[3n]crown-n by Novel Methods and their Cation Binding Studied by Fluorescence Spectroscopy. Part IV 145
- Yoon, I., Park, K.-M., Jung, J. H., Kim, J., Park, S. B. and Lee, S. S. / Synthesis and Crystal Structures of S<sub>2</sub>O<sub>2</sub> Macrocycle L, and its Silver(I) and Platinum(II) Complexes (Where L = 5,8-dioxa-2,11-dithia-[12]-*o*-cyclophane) 45
- Yoshiyama, D. – *see* Takeda et al. 313
- Zanjanchi, M. A., Ghanadzadeh, A. and Khadem-Nahvi, F. / Incorporation of Silicon into AlPO-5 Framework Sites: Higher Thermal Stability and Lower Extra-Framework Aluminum Concentration 295
- Zendehdel, M. – *see* Kooti et al. 265
- Zeng, Q. – *see* Sun et al. 131
- Zhang, H.-Y. – *see* Liu et al. 115
- Zhang, F. – *see* Yamato et al. 51
- Zhurko, F. V. – *see* Dyadin et al. 213