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Liquid Column Chromatography

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20. ENZYMES AND ENZYME ACTIVITY ESTIMATION

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35d. *Soil pollution (complex mixtures; single compounds by cross-reference only)*

For additional information see C.A.:
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37. CELLS, CELLULAR PARTICLES AND SUPRAMOLECULAR STRUCTURES

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- See 1021.
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See 353.

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3d. Quantitative analysis

See 363, 432.

3f. Programmed temperature, pressure, vapors, gradients

See 372.

3g. High performance procedures

See 336, 344, 430, 442.

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4b. Computerization and modelling

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4c. Combination with other physicochemical techniques, (MS, IR etc.)

See 1379, 1466, 1468, 1476, 1478, 1479, 1482, 1489, 1501, 1508, 1521, 1560, 1706, 1739, 1773, 2062.

4d. Affinity electrophoresis

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20b. Transferases (excl. E.C. 2.7.-.)

See 2154.

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See also 1592, 1863, 1871, 1879, 1880, 1884, 1885, 1891, 1908, 1922, 1959, 1987, 1989, 2001, 2013, 2026, 2031, 2037, 2059, 2075, 2076.

25. ORGANIC PHOSPHORUS COMPOUNDS (INCL. SUGAR PHOSPHATES)

See 1461, 1462, 1463, 1485.

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30b. Chloroplast and other natural pigments

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33. CLINICO-CHEMICAL APPLICATIONS

33b. Complex mixtures and profiling (single compounds by cross-reference only)

See 1443, 1643, 1677, 1784, 1819, 1988, 2059, 2101, 2124, 2125.

34. FOOD ANALYSIS

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See also 1963.

35. ENVIRONMENTAL ANALYSIS

35a. General papers and reviews

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35c. Water pollution (complex mixtures; single compounds by cross-reference only)

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See also 992, 1018, 1020, 1042, 1138, 1243.

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See also 1110, 1116, 1161, 1265.

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130 (1999) 92467.

See also 988, 1045, 1048, 1080, 1131, 1136, 1181, 1185, 1190, 1254, 1317.

3e. Preparative scale electrophoresis

For additional information see C.A.:
130 (1999) 165003.

See also 1128.

3f. Programmed voltage and buffer gradients

See 1206.

4. SPECIAL TECHNIQUES

4a. Automation

See 1182, 1201.

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130 (1999) 117133, 175017, 215723.

See also 978, 997, 1011, 1086, 1122, 1124, 1126, 1130, 1132, 1133, 1137, 1152, 1157, 1167, 1223, 1233, 1259, 1268, 1308, 1311.

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See also 973, 1077.

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4f. Capillary isotachophoresis and sample stacking

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See also 973, 991, 1005, 1018, 1025, 1057, 1101, 1118, 1167, 1175, 1226, 1273, 1320.

4g. Enantiomers, separation

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See also 1069, 1088, 1111, 1131, 1210, 1212, 1214, 1245, 1249, 1250, 1251, 1254, 1257, 1261, 1262.

4i. Other special techniques

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For additional information see C.A.:
130 (1999) 49294, 78445, 89776.

See also 1016, 1099, 1157, 1246.

5. HYDROCARBONS AND HALOGEN DERIVATIVES**5b. Cyclic hydrocarbons, fullerenes**

See 977, 1048, 1050, 1074.

6. ALCOHOLS

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See also 1106.

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See also 990, 1006, 1106, 1286.

8. SUBSTANCES CONTAINING HETERO CYCLIC OXYGEN**8a. Flavonoids**

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See also 1238, 1266.

8b. Aflatoxins and other mycotoxins

- 1072 Maragos, C.M.: Analysis of mycotoxins with capillary electrophoresis. *Semin. Food Anal.*, 3 (1998) 353-373; C.A., 130 (1999) 181575.

8c. Other compounds with heterocyclic oxygen (incl. tannins)

See 1293.

9. OXO COMPOUNDS, ETHERS, EPOXIDES AND QUINONES

- 1073 Ji, S., Chai, Y., Wu, Y., Li, L., Yin, X., Liang, D., Xu, Z. and Zhu, B.: (Separation and determination of anthraquinones in Rhubarb by supercritical fluid extraction and micellar electrokinetic capillary chromatography). *Fenxi Huaxue*, 26 (1998) 1388-1390; C.A., 130 (1999) 115096.
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10. CARBOHYDRATES

10a. Mono and oligosaccharides. Structural studies

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- 1076 Corradini, C., Cavazza, A., Canali, G. and Nicoletti, I.: Improved method for the analysis of alditoles in confectionery products by capillary zone electrophoresis (CZE) comparison with high-performance anion-exchange chromatography with pulsed amperometric detection (HPAEC-PAD). *Ital. J. Food Sci.*, 10 (1998) 195-206; C.A., 130 (1999) 195883.
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For additional information see C.A.:
130 (1999) 49388, 63214.

See also 959, 1038, 1084, 1322.

10b. Polysaccharides, mucopolysaccharides, lipopolysaccharides

- 1081 Kakehi, K., Kinoshita, M., Hayase, S. and Oda, Y.: Capillary electrophoresis of N-acetylneuraminic acid polymers and hyaluronic acid: correlation between migration order reversal and biological functions. *Anal. Chem.*, 71 (1999) 1592-1596.

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See also 1085.

10c. Glycoproteins and their constituents

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For additional information see C.A.:
130 (1999) 80037.

See also 1038, 1122, 1243.

11. ORGANIC ACIDS AND LIPIDS

11a. Organic acids and simple esters

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See also 976, 984, 1004, 1007, 1010, 1294, 1318, 1322.

13. STEROIDS

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13b. Pregnane and androstane derivatives

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See 1287.

17. AMINES, AMIDES AND RELATED NITROGEN COMPOUNDS

17a. Amines and polyamines

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See also 1009, 1063.

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See also 1104.

17d. Other amine derivatives and amides (excl. peptides)

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See also 1274.

18. AMINO ACIDS AND PEPTIDES; CHEMICAL STRUCTURE OF PROTEINS

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See also 998, 1009, 1028, 1210, 1293, 1322.

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For additional information see C.A.:

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See also 991, 1025, 1030, 1037, 1119, 1142.

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See also 1157.

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See 1153, 1155, 1162.

19d. Microbial and plant proteins

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See also 1160.

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See also 1032, 1158, 1159.

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See also 1164.

19i. Proteins of glands, gland products, various zymogens (incl. milk proteins)

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See also 1134, 1135.

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See also 1145.

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See also 1038, 1151.

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20b. Transferases (excl. E.C. 2.7.-.)

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20d. Hydrolases, acting on ester bonds (E.C. 3.1.-.)

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20f. Other hydrolases

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See also 1175.

21. PURINES, PYRIMIDINES, NUCLEIC ACIDS AND THEIR CONSTITUENTS

21a. Purines, pyrimidines, nucleosides, nucleotides

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See also 1014, 1047, 1186, 1226, 1265, 1269, 1272, 1275.

21b. Nucleic acids, RNA

See 1144.

21c. Nucleic acids, DNA

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See also 1073, 1208.

33. CLINICO-CHEMICAL APPLICATIONS

- 33b. *Complex mixtures and profiling (single compounds by cross-reference only)*

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34. FOOD ANALYSIS

- 34a. *General papers and reviews*

- 1292 Trenerry, V.C.: Development of capillary electrophoretic methods for food analysis. *Semin. Food Anal.*, 3 (1998) 309-338; C.A., 130 (1999) 181573 - a review with 34 refs.

See also 1078.

- 34b. *Complex mixtures (single compounds by cross-reference only)*

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- 34c. *Organoleptically important compounds (flavors, odors, volatiles)*

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See 1050.

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See also 1007.

36b. Antioxidants and preservatives

See 1097.

37. CELLS, CELLULAR PARTICLES AND SUPRAMOLECULAR STRUCTURES

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See also 979, 1202.

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See also 1007, 1056, 1224, 1273, 1305, 1309.

38d. Volatile inorganic compounds

See 1051.

39. RADIOACTIVE AND OTHER ISOTOPE COMPOUNDS

See 1267, 1304, 1307.