

Index of types of Compounds Chromatographed

This Index follows generally identical rules as those published in previous years i.e. references of general interest and techniques are within a given entry listed first, followed by applications and finally by papers limited to certain area of applications only. This, however, is applicable to highly populated entries, where subdivision appeared necessary. As in the past years the individual parts of the Bibliography Section i.e. Liquid column chromatography (C), Gas chromatography (G), Planar chromatography (P) and Electrophoresis (E) were numbered separately. Therefore the respective shortening should direct the reader to one of the techniques first before looking for a particular number (identical numbers occur under different techniques). Please note that this Index refers to the entry numbers in the Bibliography Section, J. Chromatogr. Vols. 747 and 748.

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G: 489, 517, 520, 523, 999, 1000, 1004, 1500, 1502, 1504, 1509, 1616, 1898, 1899

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C: 729, 739, 741, 2098, 2099, 2102-2104, 3397, 3414-3416, 3426, 4650(review), 4652

G: 178, 511, 514, 516, 519, 997, 1001, 1002, 1459, 1482, 1497-1499, 1897, 1906

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P: 569, 572

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- C: 1451, 1458, 1523, 2837, 4118
 P: 54, 59, 64, 75, 84, 105, 242, 244, 246, 248, 266, 268, 269, 272, 273, 408, 409, 413, 415, 419, 424, 601-603, 613
 —, oxidation products
 C: 280(review), 281, 1410, 1452, 2850, 2853, 2862, 3902, 4131, 4142
 G: 352, 1842
 P: 73, 80, 259, 427
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- C: 270, 275, 279, 286, 1461
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—, structure studies

- C: 286

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- C: 295, 4147
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- C: 294
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- C: 290-293, 296, 1438, 1463-1470, 1494, 2859-2864, 4146, 4148-4253, 4353
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—, structural studies

- G: 370
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Lubricants

- E: 2414

Lyases, activity measurement

- C: 4220
 P: 462
 E: 1314

—, carbon-carbon (E.C. 4.1.-.-)

- C: 598, 600, 1899, 1900, 3205, 3209, 4427, 4511-4513
 E: 267, 486, 1131, 2157, 2159, 2160, 2869

—, carbon-oxygen (E.C. 4.2.-.-)

- C: 599, 1898, 3206, 3207, 3210, 3211, 4427, 4510
 E: 485, 487, 488, 2158, 2869

—, —, structural analysis

- C: 429, 1647, 3206, 3208

—, carbon-nitrogen (E.C. 4.3.-.-)

- C: 1896, 1897

—, other

- C: 3204
 E: 1216

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Macrolides (including erythromycin)

- C: 693, 694, 702, 703, 706, 712, 713, 716, 720, 2044, 2074, 2318, 3337, 3352, 3714, 4593, 4597, 4602, 4606, 4607, 4611, 4614, 4615, 4620, 4623, 4628
 P: 131, 132, 134, 672, 678
 E: 2352

Magnesium, see Alkaline earths

Manganese, see Cations, inorganic, analytical group III

Mercury, see Cations, inorganic, analytical group I and IIa

—, organo-compounds

- C: 665, 2986, 3304, 3307
 G: 460, 461, 465, 969, 980, 1438, 1440
 E: 2344

Mineral oils, hydrocarbons in

- G: 209, 740, 1061, 1768
 see also Hydrocarbons, aliphatic; Hydrocarbons, complex mixtures; Crude oil and petroleum analysis

Molybdenum, see Cations, inorganic, analytical group IIb

Mycolic acids

- G: 1947

Mycotoxins, other

- C: 197, 1291-1294, 2729-2731, 2733, 2734, 3740(review), 4021, 4022-4025
 G: 175, 277, 278, 1311, 1808, 1809
 P: 35, 228, 388, 389, 570
 E: 951, 952, 1766
 see also Aflatoxins

Myorelaxants

- C: 804, 2244, 3264, 3265, 3613, 3642, 4754
 P: 491
 E: 768

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Narcotic analgesics and antagonists

- C: 866, 3555, 3556, 3559, 3560, 3599(review)
 G: 1025, 1029, 1555
 P: 115

Neuroleptics

- C: 65, 873, 2215, 2240, 2245, 3554, 3579, 3603, 4742, 4753
 G: 1427, 1541, 1552, 1927, 1933, 1934
 P: 159
 E: 1541, 1542, 3138

Neuromuscular blocking agents, see Myorelaxants; Cholinergic and cholinergic blocking substances

Nickel, see Cations, inorganic, analytical group III

Nicotinic acid and derivatives

- C: 649, 689, 3150, 3324
 G: 446, 1368, 1575
 P: 469
 E: 714, 1503, 1504

Niobium, see Cations, inorganic, analytical group III

Nitriles

- C: 1537, 2922
 G: 1040, 1218, 1914
 E: 1003

- see also Nitrogen compounds, inorganic
- Nitro compounds**
 C: 180(review), 325, 326, 331, 1516, 1517, 2669, 2893-2896, 4014, 4181, 4182, 4850, 4855
 G: 406, 407, 417, 999, 1114, 1398, 1399, 1402, 1537, 1803, 1805, 1806, 1989, 1990
 P: 98, 102, 191, 512, 543
 E: 893, 1833, 2605
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- Nitrogen**
 G: 1079, 1112
- Nitrogen compounds, inorganic**
 C: 997, 2414, 2418, 2826, 3826, 3831, 3835, 4935, 4936, 4946, 4951, 4954
 G: 693, 1989
 E: 1600, 1601, 1603, 1607, 3196
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- Nitrogen oxides**
 C: 4956
 G: 639, 1075, 1110
- Nitrosamines**
 C: 1536, 2894, 2897, 2920
 G: 405, 940, 941, 1857
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- Nitroso compounds**
 G: 404
- Noble metals, see Platinum metals and gold**
- Nucleic acids, see DNA; RNA**
- Nucleosides, see Purines, pyrimidines, nucleosides, nucleotides**
- Nucleotides, see Purines, pyrimidines, nucleosides, nucleotides**
- O**
- Oestrogens, techniques and theory**
 C: 301, 2874-2876, 4161
 P: 216, 431, 627
- , applications, non-biological
 C: 297, 1487, 2873, 3675
 P: 333
- , —, biological
 G: 925, 929, 1371
- Oligonucleotides and polynucleotides**
 C: 606, 608, 609, 614, 1905, 1906, 1909, 1911, 1915, 1927, 3232, 3233, 3238, 3248, 4524, 4526-4528, 4530, 4535, 4540
 P: 652, 653, 655
 E: 364, 494, 496, 497, 563, 888, 1326-1328, 1330, 1332, 2169, 2173, 2179, 2240, 2929-2932, 2934, 2937
- Oligosaccharides**
 C: 212, 216-223, 227, 582, 1314, 1315, 1319(review), 1325(review), 1326, 1328, 1329(review), 1332(review), 1334, 1337(review), 1338(review), 1339, 1341, 1345(review), 1347(review), 1348, 1353, 1355, 1356, 1364, 1376, 1378, 1383(review), 1615, 1759, 2506, 2755, 2758, 2761-2763, 2765, 2768, 2770, 2780, 2786, 2798, 3161, 3185, 4032, 4034, 4036, 4039, 4043, 4049, 4057, 4063, 4073
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- Opium alkaloids**
 C: 637, 935, 940, 1938, 1946, 1952, 3262, 3270, 3560, 3729, 4544, 4548, 4549, 4769
 G: 591, 1038, 1556, 1929
 P: 26, 221, 343, 461, 660
 E: 1493, 1495, 1496, 1621, 2327, 3152
- Organoleptics (flavors, volatiles, odours)**
 C: 950, 2347, 2350, 3750-3752, 4092, 4206, 4839, 4840
 G: 91, 152, 283, 389, 394, 398, 610-615, 617-623, 625-632, 654, 680, 939, 1047-1050, 1158, 1397, 1574, 1577, 1579-1585, 1587-1589, 1591, 1592, 1611, 1954-1957, 1959, 1978
 P: 186(review)
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- Organometallic compounds, reviews and books**
 C: 3306
 G: 1140, 1442, 1443
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 C: 1002, 1989, 2088, 2385, 3308, 4891
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- Oxazolines**
 C: 2636
 G: 937, 1202
- Oxidoreductases, acting on the C-OH group of donors (E.C. 1.1.-.-)**
 C: 529, 531, 535, 537, 544, 546, 1196, 1799, 3008, 3110, 3115, 3116, 3121, 3126, 4403, 4404, 4407, 4411, 4412, 4417, 4427
 E: 420, 421, 1253, 1258, 1259, 2080, 2082, 2084, 2089, 2091, 2128, 2860-2862, 2864, 2867, 2869, 2871
- , —, structural studies
 C: 1637, 3008
- , acting on aldehyde or keto group of donors (E.C. 1.2.-.-)
 C: 536, 1787, 1801, 1804, 1808, 3069, 3106, 3112, 3128, 4411, 4416, 4422, 4428, 4434
 E: 1261, 2006
- , acting on CH-CH group of donors (E.C. 1.3.-.-)
 C: 1788, 1791, 1811, 4432, 4433
 E: 419, 1256
- , —, structural studies
 C: 4263
- , acting on CH-NH₂ group of donors (E.C. 1.4.-.-)
 C: 530, 532, 541, 1786, 1790, 1798, 1804
 E: 2705, 2858, 2872
- , —, structural studies
 C: 4265
- , acting on CH-NH group of donors (E.C. 1.5.-.-)
 C: 1805, 1814, 3117, 4436
 E: 2083
- , acting on reduced NAD or NADP as donor (E.C. 1.6.-.-)
 C: 377, 1792, 1795, 1798, 1809, 1813, 3111, 3130, 4423
 G: 1668
 E: 417, 429, 1254, 1255
- , —, structural studies
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- , acting on other nitrogenous compounds as donor (E.C.1.7.-.-)
 C: 4409, 4431

- Oxidoreductases, acting on the sulphur group of donors (E.C. 1.8.-.-)
- C: 527, 1807, 4413
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- , acting on a haem group of donors (E.C. 1.9.-.-)
- C: 1803, 1815
 - E: 1257, 1967, 2087, 2868
- , acting on H₂O₂ as acceptors (E.C. 1.11.-.-)
- C: 1793, 3113, 3114, 3120, 3122, 4415, 4420, 4421
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- , acting on single donors with incorporation of oxygen (oxygenases) (E.C. 1.13.-.-)
- C: 545, 4435
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- , acting on paired donors with incorporation of oxygen into one donor (hydroxylases) (E.C. 1.14.-.-)
- C: 528, 533, 534, 539, 540, 542, 543, 1794, 1796, 1800, 1802, 1806, 1810, 1812, 1816, 3107, 3109, 3118, 3119, 3124, 3125, 3127, 4408, 4414, 4424, 4430
 - E: 422, 1264, 2090
- , acting on superoxide radicals as acceptor (E.C. 1.15.-.-)
- C: 1785, 1797, 4402, 4425, 4426
 - E: 1263, 2081, 2086, 2128, 2857
- , other and incompletely identified oxidoreductases (E.C. 1.99.-.-)
- C: 3123, 3129, 4429
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- C: 206, 280, 2744
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- , aliphatic aldehydes and ketones
- C: 202, 204, 205, 208, 1301, 1302, 1305, 1307, 1308, 2741, 2742, 2745, 3110, 4559
 - G: 145, 289, 290, 292-296, 352, 630, 639, 807, 883, 886, 1094, 1114, 1318, 1319, 1324, 1600, 1817, 1974
 - P: 579
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 - G: 297, 680, 882, 885, 887, 1322, 1621, 1814, 1816, 1818, 1819
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- G: 696, 699, 1112
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- C: 3320, 4217, 4587
- Papaveraceae alkaloids (excluding opium alkaloids)
- P: 742
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- C: 690, 692, 700, 719, 723, 2018, 2024, 2032, 2066, 2071, 2080, 2081, 3336, 3339, 3348, 3357, 3358, 3361, 3362, 3364, 3377, 3391, 4595, 4598, 4599, 4608
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- C: 292, 296, 348, 2021, 2036, 2041, 2046, 2054, 2056, 2058, 2060, 2078, 2658, 3351, 3359, 3369, 3371, 3379, 3380, 3386, 4601, 4625
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- C: 1590, 1594, 2972, 3005

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E: 741, 1577, 1578, 1587, 2420
- Sulphatides, *see* Sphingolipids
- Sulphides (thioethers) and polysulphides
C: 657, 1972, 2415, 3293
G: 441, 445, 807, 959, 961, 1077, 1435
- Sulphonamides
C: 885, 2253(review), 2256, 2260, 2268, 3626, 3629, 3634, 3635, 3639, 4773
G: 575, 1343
P: 376, 706
E: 732, 891, 1734, 2390, 2391
- Sulphonate esters
C: 2098, 2137
- Sulphones
C: 2090, 2249
G: 802
- Sulphoxides
C: 2090, 3293, 3297
E: 2336
- Sulphur compounds, inorganic
C: 999, 1000, 2409, 2413, 2415, 2416, 2826, 3825, 3829, 4817, 4929, 4933, 4939-4941, 4948, 4949, 4951, 4954
G: 700, 1078, 1435, 1660
E: 3185, 3191, 3194
- , organic, techniques
C: 47(review), 659, 660, 1014(review), 1973, 1974, 3287, 3893
G: 64, 443, 1434, 1866, 1867, 1872
P: 124, 665, 685
E: 175, 707, 809
- , —, acids and derivatives
C: 126, 655, 656, 968, 1971, 1975, 1977, 2090, 2816, 3289, 3295, 3973, 4563, 4564(review), 4660
G: 1431
P: 468, 664
E: 70, 708, 1571, 2338, 2339, 2341, 2412, 2413, 3095, 3096(review), 3114
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- Sulphur oxides
C: 1001, 4955, 4957
G: 701, 1110
E: 1610
- Sultones
G: 1430
- Sunburn preventives
C: 3676, 4807
- Surfactants, emulsifiers and detergents
C: 277, 927, 958-960, 961(review), 962, 982, 1071, 2264, 2357-2361, 2664, 3759-3765, 3766(review), 3767-3769, 3777, 3961, 4096, 4105, 4683, 4851(review), 4857-4860, 4861(review), 4862-4865
G: 656, 657, 1617-1621
P: 189, 190, 355, 510, 745-749, 753
E: 789, 1570-1573, 1737, 2411, 3163, 3164
- Suspensions, various
C: 150, 1403, 1489, 1496, 2852, 4854, 4882, 4885, 4887
P: 86, 193-196, 250, 251, 265, 358, 359, 423, 426, 756
E: 779, 784, 833, 874, 1575, 1579-1581, 1583(review), 1584(review), 2417, 2418, 2745, 3165, 3167, 3168, 3178
- Sweeteners, artificial
C: 2362, 3746, 3749, 3753
G: 607
E: 768
- Sympathomimetics, *see* Adrenergic and adrenergic blocking agents
- ## T
- Tannins
C: 1262, 1276, 1302, 2709, 2738
P: 183
- Tantalum, *see* Cations, inorganic analytical group III
- Technetium, *see* Cations, inorganic, analytical group IIb
- Tellurium, *see* Cations, inorganic, analytical group IIb
- Terpenes
C: 317-324, 1509-1515, 2885-2892, 4174-4180
G: 381-402, 933-939, 1380-1397, 1849-1856
P: 95-97, 291-293, 439, 635-639
E: 1028, 1832, 2604
- , general techniques
C: 2885-2887, 4176, 4837
G: 113, 1176, 1380, 1381
P: 292, 517
E: 1028
- , applications
C: 314, 317-319, 321-323, 893, 896, 944, 1509-1513, 1942, 1947, 1951, 2888, 4174, 4175, 4177-4179
G: 203, 381-383, 638, 814, 933, 1092, 1160, 1383
P: 95-97, 290, 291, 293, 635, 636
E: 1832
- , acids
C: 317, 320, 323
P: 97
- , alcohols
C: 893, 4171
G: 393, 680, 1384, 1392, 1567
P: 293, 632

- Terpenes, resins
G: 342
- Tetracyclines
C: 714, 2027, 2053, 2063, 3338, 3340, 3342, 3344, 3345, 3372, 3375, 3384, 3385, 3991, 4617, 4622
P: 676
E: 1506, 1507, 2350, 2353, 2676, 3105, 3107
- Textile dyes (including bleaching agents)
C: 4661, 4880(review)
G: 526
E: 719, 1512, 1514, 1515
- Thallium, *see* Cations, inorganic, analytical group I and IIa
- Thiamine, *see* Vitamins, B₁
- Thiazoles, isothiazoles and thiazolones
C: 659, 2302, 2636, 3296, 3291
G: 1870
P: 155
E: 2332, 2333
- Thiocyanates and isothiocyanates
G: 619, 809, 1433
- Thiols
C: 266, 656, 657, 787, 1972, 1976(review), 3290, 3294, 3319, 3893, 4799
G: 392, 453, 1432
P: 440
E: 175, 1035, 1057, 2337, 2340
- Thiophenes
C: 2480, 3288, 4848
G: 452, 454, 960, 1523
- Thiophosphates
G: 1625
- Thorium, *see* Cations, inorganic, analytical group III
- Tin, inorganic, *see* Cations, inorganic, analytical group III
—, organic
C: 664, 666, 1985
G: 458, 459, 462-467, 966, 970, 974, 975, 1440, 1441, 1444, 1446, 1447, 1449, 1458, 1883
E: 710, 2340
- Titanium, *see* Cations, inorganic, analytical group III
- Toad venoms, *see* Venoms, other
- Tobacco alkaloids
C: 1950, 4551
- Tocopherols, *see* Vitamins, E
- Toxicological (and forensic) analysis, reviews and books
C: 631, 2126, 3723, 4825
G: 597, 1042, 1529
E: 3156
—, general techniques
C: 940, 2321, 2322, 2325, 2327, 2331, 2902, 4537, 4577, 4697
G: 152, 1552, 1918
P: 150, 174, 175
E: 328, 583, 648, 662, 1556, 2401, 3154, 3155, 3157
—, applications
C: 328, 636, 732, 736, 935-939, 948, 1249, 1301, 1407, 1485, 1937, 1939, 2111, 2238, 2323, 2324, 2326, 2328-2330, 2370, 2414, 2484, 2600, 2673, 2736, 2973, 3070, 3557, 3721, 3722, 3724-3730, 3798, 3825, 4218, 4550, 4715, 4824, 4826, 4827, 4891
G: 256, 258, 259, 390, 437, 447, 448, 587, 592, 594-596, 598, 601, 687, 943, 988, 1038-1041, 1237, 1248, 1265, 1288, 1291, 1341, 1384, 1408, 1409, 1465, 1568, 1569, 1571, 1572, 1914, 1941-1943
P: 159, 343-345, 499, 516
E: 634, 639, 682, 689, 1165, 1496, 1520, 1605, 3139, 3152, 3153
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- Toxins (non-proteinous or unidentified)
C: 275, 1407, 2899, 3722, 3724, 3725, 3728
G: 1427
see also Aflatoxins; Mycotoxins
—, proteinous
C: 1604, 1616, 1690, 1783, 2973, 4364
E: 1957, 2069
see also Proteins of glands and gland products; Venoms; individual enzyme types
—, —, structural studies
G: 649
P: 651
E: 2069
- Tranquilizers (anxiolytics)
C: 342, 849, 851, 874, 875, 1968, 2214, 2218, 2224, 2225, 2324, 3574, 3575, 3577, 3578, 3581, 3586, 3588, 3595, 3598, 3601, 4741, 4748, 4754, 4759, 4765
G: 571, 575, 576, 580, 1543
P: 163, 492, 699, 701
E: 2389, 3141
- Transferases, transferring one atom groups (methyl-, hydroxy-, formyl-, carbonyl-, carbamoyl-, amidine) and related transferases (E.C. 2.1.-.-)
C: 550, 552, 556, 559, 1817, 1821, 1827, 1900, 3136, 4444
E: 434
—, transferring acyl- and aminoacyl groups (E.C. 2.3.-.-)
C: 549, 551, 554, 563, 1813, 1819, 1820, 1824, 1828, 3137, 4438, 4439
E: 431, 1266, 1268, 1270, 1272, 1273, 2094, 2098
—, transferring glycosyl residues (hexosyl and pentosyl transferases) (E.C. 2.4.-.-)
C: 548, 555, 562, 1823, 1829, 3134, 3140, 3144, 4440, 4441, 4446-4450
E: 434, 435, 665, 1265, 1267, 1269, 2875-2879
—, —, structural studies
C: 1639, 4270
E: 1066
—, transferring alkyl or aryl groups (E.C. 2.5.-.-)
C: 547, 557, 560, 561, 1822, 1825, 3131, 3132, 3135, 3139, 3141-3143, 4443
E: 2093, 2095, 2097, 2101, 2873
—, —, structural studies
C: 3142
—, transferring nitrogenous groups (E.C. 2.6.-.-)
C: 558, 1818, 4427, 4442
E: 2869, 2874
—, transferring phosphorus containing groups (E.C. 2.7.-.-)
C: 526, 564-566, 568, 1196, 1830-1844, 1901, 3146-3156, 4322, 4398, 4427, 4451-4468
E: 409, 436-448, 604, 1274-1280, 2029, 2101-2118, 2801, 2869, 2880-2890
—, —, structural studies
C: 414, 1638, 1650, 1651, 3145, 4277
E: 1075, 1275, 2103

Transferases, transferring sulphur containing groups (E.C. 2.8.-.-)

C: 553, 1191, 1826, 3133, 4445

E: 432, 1271, 2096, 2100

—, —, structural studies

E: 201

—, other and uncompletely identified

C: 1679

E: 2099

—, activity measurements

C: 567, 3150, 4441

P: 136, 625

E: 409

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C: 2141, 3488

P: 112, 663

E: 2332, 2333, 3100

Tropine alkaloids

C: 631(review), 636, 639, 940, 1939, 2622, 4826, 4827

P: 344

E: 673

Trypsin inhibitor (antitrypsin)

C: 522, 525

E: 406, 2748, 2850

Tuberculostatics

C: 699, 888, 2265, 2266, 3618, 3625, 3698, 3703

E: 3146

Tungsten, *see* Cations, inorganic, analytical group IIb

U

Ubiquinones (coenzyme Q)

C: 209, 1303

Uranium, *see* Actinides and uranium

Urea and urea derivatives

C: 347, 2160, 2919, 4090

G: 404

P: 685

E: 1837, 1838

see also Thiourea

Urethanes and polyurethanes (including pyrolysis products)

C: 768, 2350

Uric acids

C: 610, 2812, 3244, 4531

E: 495, 1329

Uricosuric drugs

C: 3710

E: 2334

V

Vanadium, *see* Cations, inorganic, analytical group IIb

Vasoconstrictors

C: 823, 1943, 4719, 4720

Vasodilators (including coronar vasodilators)

C: 817, 830-832, 2182, 2194, 2205, 3525, 3537, 3543, 4714,

4720, 4734-4736, 4738

G: 582, 1019, 1534, 1536, 1537

P: 689, 703

E: 3133(review), 3134

Venom, snake

C: 493, 496-498, 1744, 1747, 1748, 3037, 3079, 4317, 4500

E: 353, 354, 1204, 2716

—, —, structural studies

C: 413, 498, 4272

E: 1073

—, other

C: 1595, 1741, 1746, 1752, 3855

E: 1215, 2021

see also Proteins, of glands and gland products; Toxins, proteinous; individual enzyme types

Vinca alkaloids

P: 500

Vitamins (for vitamin protein complexes, *see* Specific binding proteins)

C: 673-689, 1992-2017, 3314-3335, 4571-4592

G: 1879, 1880

P: 126-130, 323, 469, 669-671

E: 713, 714, 1502-1504, 3099-3101

—, reviews and books

C: 687, 703

P: 78

E: 713, 3159

—, techniques for fat soluble vitamins

C: 674, 675, 1116, 3332, 4004, 4575, 4576, 4586, 4592

G: 472

E: 56

—, techniques for water soluble vitamins

C: 3332, 4592

P: 129, 323

E: 56, 3100

—, A group (including synthetic retinoids)

C: 673(review), 676, 681, 684, 687(review), 1132, 1923, 1992,

1994, 1995, 1998, 2003, 2004, 2006, 2007, 2016, 2292, 2341,

3316, 3321, 3322, 3325, 3328, 3330, 3442, 4090, 4163, 4577,

4580, 4581, 4589, 4591, 4665

G: 474, 1880

P: 127, 145(review), 146(review), 669, 671

E: 713(review)

see also Pigments, natural (and fluorescent substances)—, B₁

C: 2760, 3335, 4572

E: 1503

—, B₂ and other flavins

C: 2017, 2760, 3326, 4572

P: 126

—, B₃ group

C: 2760, 4588

—, B₆

C: 2001, 2002, 2760, 4573

—, B₁₂ group (Cobalmin)

C: 52, 678, 1996, 2014, 2760, 4590

—, biotin group

C: 4585

E: 1503, 3101

—, C group

C: 40, 682, 1001, 1993, 2415, 4035, 4571, 4583

G: 1450

P: 670
 E: 1502, 1503, 2551
 Vitamins, D group
 C: 677, 685, 686, 688, 1768, 1997, 2010, 2511, 3317, 3329, 3331, 4574, 4578, 4582
 G: 473, 930, 1362, 1626, 1879, 1880
 P: 130
 —, E
 C: 680, 1303, 1992, 1999, 2000, 2004, 2012, 2016, 2706, 3314, 3315, 3323, 3333, 4163, 4584
 G: 1452, 1453, 1880
 P: 127, 128, 671
 —, K group
 C: 683, 2016, 3318
 G: 1451, 1880
 Volatiles, flavours, odours, *see* Organoleptics

W

Warefare agents
 G: 440, 456, 505, 947, 962, 963, 965, 1431, 1487, 1877
 Water
 G: 1661, 1664, 1665
 Water analysis and pollution
 C: 127, 159, 176, 184, 185, 325, 329, 331, 655, 665, 666, 733, 734, 739-741, 956, 989, 997, 999, 1051, 1266, 1274, 1275, 1279, 1517, 1520, 1526, 1537, 2082, 2085, 2092, 2096, 2098, 2102, 2104, 2119, 2351-2353, 2360, 2364, 2391, 2399, 2401, 2405, 2420, 2468, 2493, 2502, 2505, 2525, 2675, 2679, 2681, 2682, 2710, 2715-2718, 2721, 2821, 2894, 2909, 3313, 3394, 3397, 3398, 3400, 3407-3410, 3413, 3415, 3418-3420, 3426, 3432, 3443, 3735, 3755-3759, 3790, 3803, 3806, 3808, 3814, 3818, 3829, 3832, 3915, 4008, 4012, 4013, 4084, 4181, 4188, 4567, 4633, 4636, 4640, 4642, 4646, 4648, 4652, 4654, 4655, 4656, 4668, 4670, 4845, 4847-4850, 4852-4855, 4857, 4863, 4909, 4910, 4912, 4923, 4938, 4940, 4951-4953

G: 45, 150, 192, 211, 213, 222, 229, 231, 237, 238, 247, 249, 267, 268, 270, 271, 287, 311, 324, 406, 407, 417, 440, 450, 461, 463, 466, 481, 484, 485, 489, 490, 494, 499, 503, 517, 519, 642-648, 650-654, 693, 843, 858, 863, 864, 871, 876, 941, 962, 974, 979, 980, 986, 991, 995, 1001, 1005, 1054-1058, 1231, 1246, 1250, 1253, 1261, 1263, 1264, 1276, 1277, 1283, 1284, 1299, 1301, 1305, 1306, 1308, 1318, 1400, 1404, 1434; 1436, 1440, 1456, 1461, 1467, 1470, 1476, 1486, 1488, 1498-1500, 1504, 1505, 1511, 1563, 1595, 1596, 1598-1604, 1607-1613, 1618, 1625, 1751, 1755, 1780, 1785, 1791, 1801, 1802, 1829, 1834, 1836, 1859, 1867, 1870, 1873, 1881, 1884, 1885, 1897, 1898, 1902, 1935, 1963-1966, 1970
 P: 29, 187, 188, 361, 520, 682
 E: 168, 1498, 1567-1569, 1571, 1595, 1604, 1607-1609, 2338, 2345, 2422, 2428, 2429, 2435, 2540, 2543, 3108, 3110, 3161, 3193, 3195

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Water analysis and pollution, reviews

C: 4564, 4630, 4634, 4637, 4650, 4844, 4846, 4851, 4861, 4947, 4959
 P: 680, 683
 E: 3096, 3111

Waxes

C: 1(review), 2843
 G: 66, 660, 831, 865, 922, 1637

X

Xanthine alkaloids, *see* Purine alkaloids

Z

Zinc, *see* Cations, inorganic, analytical group III

Zirconium, *see* Cations, inorganic analytical group III