

ÍNDICE DE PALAVRAS-CHAVE - QUÍMICA NOVA, VOL. 30, 2007

- 1,5-*anti* induction; 2007
 1,2-dichloro-4,5-dinitrobenzene; 356
 1,3-indandiones; 897
 2,4,6-trinitrotoluene; 1623
 3-dehydroxy-4-methoxy tubastrine; 1892
 15-hydroxy-3-cleroden-2-one; 1100
 2,5-hexanedione; 805
 4-thiazolidone; 284
 α - and β -amirin; 491
 α -diazoacetamides; 1768
 ^{13}C NMR; 116
 ^{13}C NMR spectral data; 92
- A. ferrooxidans*; 1095
 abietane diterpenoids; 1882
 accelerated stability test; 1357
 acetaminophen; 75
 acetates; 916
 acetone; 1362
 acid-base chemistry; 1014
 acid-base indicators; 229
 acid-base titration; 224
 acidity measurement; 232
 activated carbon; 1911
 activated carbons; 1663
 activation energy; 1813
 active biomonitoring; 1072
 activity coefficient; 1606
Adiantum tetraphyllum; 292
 adsorption; 809, 879, 909, 930, 1911
 adulteration; 257
 advanced oxidation processes; 198, 400
 advanced process oxidation; 1830
Aeolanthus suaveolens; 1923
 africanized honey bee; 920
 agroindustrial residues; 1860
 AINEs; 1945
 air pollution; 1072, 1233
 air quality; 1555
 AldH-based biosensors; 9
 aldol reactions; 2007
 alginates; 1649
 alkaline battery; 1020
 alkaloid; 1038
 alkaloids; 525
 alkenes; 1721
 allelochemicals; 292
 allelopathic activity; 1959
 alumina; 70
 Amazon; 569, 768
 Amazon Melipona honey; 707
 amides; 1267
 amines; 356
 ammonia; 240
 ammonium; 1804
- amorphous aluminum phosphate; 745
 amorphous calcium phosphate; 892
 analytical chemistry; 481
 analytical methods; 99
 analytical sensitivity; 458
Aniba duckei; 1906
Aniba rosaeodora; 1906
 anionic contaminants; 1077
 antibacterial activity; 370
 antibiotic; 395
 anticancer agents; 159
 antifungal derivatives; 1222
 anti-inflammatory; 860
 antimicrobial activity; 1923
 antimycobacterial activity; 1563
 antioxidant activity; 351, 604
 antioxidant vitamins; 441
 antioxidants; 206, 848, 1323
 anti-radicalar potential; 597
 antiviral nucleosides; 1420
 AOP; 1799
Apis mellifera; 1653
 Apocynaceae; 970
 aporphine alkaloids; 92
 apparatus; 1012
 aquatic humic substances; 59
 Araceae; 41
 archaeometry; 785
 argumentation; 2035
 arsenic; 1108
 artemisinin; 25
 artificial intelligence; 1347
 artificial radiation; 1082
 ascarel; 709
 ascidian; 1194
Aspidosperma; 970
 atmospheric aerosol; 1938
 atmospheric emissions; 366
 atomic charge; 791
 atropisomerism; 125
 atropisomerism of drugs; 125
 availability; 1616
 aziridines; 106
- Bakeridesia pickelii*; 901
 balance of plant; 1523
 Balmer; 1773
 barium sulfate; 505
 beehive products; 257
 beneficial uses of radioactivity; 83
 benzimidazoles; 1359
 benzoate; 318
 Betapol; 1535
 biodegradable polymers; 1732
 biodegradation; 1584
 biodiesel; 1369, 1374, 1900, 2016, 2068
 biodiesel quality; 1677
 biofuels; 667
 bioleaching; 1095
- biological activities; 935
 biomarkers of oxidative stress; 1323
 biomimetic; 1229
 biomimetic coating; 892
 biomonitoring; 805
 biopolymer analysis; 1951
 bioreduction; 36
 biosorption; 548
 biosynthetic routes; 116
 biotransformation; 382, 616
 bivalent transition metals; 318
 bleaching; 5
 blends; 1584
 block copolymer; 636
 boron enolates; 2007
 bovine serum albumin; 1597
 Brazil; 1400
 Brazilian Chemical Society; 1469
 Brazilian paper currency; 1966
 Brazilian program; 2068
 bromophenol; 629
 building units; 178
- cachaça; 1115
 cadmium; 323, 712
 Caesalpinoideae; 1877
 caffeine; 99
 cajuina; 1143
 calibration transfer; 1301
 camphor; 2053
 canaric acid; 828
 capillary gas chromatography/mass spectrometry; 1966
 carbohydrates; 1267
 carbon monoxide; 1644
 carbon nanotubes; 1695
 carbonylic compounds; 1968
 Carl Bosch; 240
 carotenoids; 441, 616
 Cartesian coordinates; 497
Carya illinoensis; 548
 case studies; 731
Casearia sylvestris; 1100
 casein; 815
 cashew juice; 1143
 catalysis; 667, 1480, 2001
 catalysts; 431
 catalytic ozonation; 198
 cationic nanoemulsions; 930
 Celastraceae; 842
 cellular ceramics; 1104
 Celobar; 505
Cenostigma macrophyllum; 1877
 CG-MS; 1820
 challenges; 1429
 characterization of products; 873
 charge-transfer bands; 229
 chemical activation; 1663
 chemical biology; 1446

- chemical composition; 49
 chemical constituents; 1179
 chemical development in Brazil; 1402
 chemical ecology; 374
 chemical elements; 920
 chemical equilibrium; 1759
 chemical industry; 1413
 chemical kinetics; 1759, 1930
 chemical teaching; 491
 chemical thermodynamics; 501
 chemically modified clay; 1282
 chemisorption; 528
 Chemistry; 731, 1365, 1400, 1407, 2035
 chemistry in Brazil; 1435
 chemistry teaching; 2043
 chemometrics; 481, 1505
 Chile; 848
 chirality; 1776
 chitin; 644
 chitosan; 644, 809, 879, 1673
 chlorinated compounds; 1628
 chlorophyll *a*; 569
 cholesterol; 425
 chondroitin sulfate; 312
 chromatography; 468, 1809
 chromium; 1573
 clarification; 1860
 clays; 45
 clerodane diterpenes; 1100
 cluster analysis; 1653
 CNPq/NAS; 1397, 1400, 1402
 CO tolerance; 1256
 CO₂ reforming of methane; 298
 cobalt; 995
 cobalt complexes; 1136
 cocaine; 1966
 cochineal; 1032
 coffee processing; 604
 coffee roasting; 604
 colloidal gold; 1550
 colorimetry; 588
 complexation; 1261
 complexation and adsorption capacities; 1505
 comprehensive multidimensional chromatography; 682
 comprehensive two dimensional gas chromatography; 682
 computational simulation; 565
 computer programmes; 1347
 congeners; 1009
 contamination; 66, 519, 688, 1539
 Cooperative Program; 1397, 1402
 coordination chemistry; 2062
Copaifera langsdorffii; 1067
 copper; 611, 809, 2020
 copper(II); 1673
 copper electrode; 1592
 copper selenide; 287
 copper speciation; 332
 copper-nickel catalysts; 339
 coprolites; 1956
 corrosion resistance; 360
 cosolvent mixtures; 1945
 coupling constants; 1681
 CP/MAS NMR ¹³C; 260
 creamatocrit; 1535
 cross-coupling reaction; 1704
 crystalline structures; 178
 crystallization; 1545
 crystallographic radii; 1763
 cucurbitands; 1313
 cucurbiturils; 1313
 cyclodextrin; 777, 1203
 cyclopropanation; 1721
 cytotoxicity; 1809
 dairy effluent; 1799
 database retrieval; 468
 dechlorination; 709
 degradation; 400
 deproteinizing acids; 592
 development of method; 1163
 dextrans; 1115
 dextrin; 1744
 di-(2-ethylhexyl) adipate; 219
 di-(2-ethylhexyl) phthalate; 219
 diazo dye; 1896
 dicarbonylcyclopentadienyliron(II) chloride; 494
Didemnum psammatodes; 1179
 Diels-Alder reactivity; 727
 diesel; 1900
 dinitrogen; 723
 diphenylcarbazide; 1128
 dipolar dephasing; 260
Dipteryx lacunifera; 1658
 dirhodium carbenoids; 1768
 dispersion of pollutants; 1609
 dissolution test; 1218
 dithiocarbamate fungicides; 9
 dithiocarbamates; 32
 dmit; 904
 domestic effluent; 1804
 drinking water; 1147
 drug design; 171
 drug metabolism; 171
 dry deposition; 1842
 dyes; 988
 ecomaterials; 464
 EDTA; 574, 723
 EDTA analysis; 1006
 EDXRF; 785
 efficacy; 206
 efficiency; 1523
 eigenvalues; 2057
Elasmopalpus lignosellus; 916
 electrocatalysis; 1256
 electrodeposition; 360
 electronic nose; 677
 electroplating; 1750
 elicitation; 1849
 Ellingham diagram; 501
Elyonurus; 370
 emulsion; 1374
 enaminones; 957
 Endocrine Disrupting Chemicals; 651
 endocrine disruptors; 695
 endophytic fungus; 1867
 energetic material; 952
 energy; 189
 energy production; 1339
 environment; 651
 environmental; 565
 environmental chemistry; 198
 environmental concentrations; 1976
 environmental issues; 2043
 environmental proxy; 1208
 enzymatic kinetic; 9
 enzymatic reactor; 965
 EPR simulations; 1240
 equipment design; 1357
Erythrina speciosa; 525
 erythrocytes; 592
Esenbeckia almawillia; 1589
 essential oil; 370
 essential oil constituents; 838
 essential oils; 1923, 1959
 ethanol; 1061
 ethanol steam reforming; 339
 ethyl carbamate; 1009
 ethyl esters; 1677, 2016
Eucalyptus citriodora; 1926
 eucalyptus sawdust; 873
 europium III; 1567
 evaluation; 1429
 experimental design; 1188
 Ezequiel Corrêa dos Santos; 1038
 factorial design; 327, 436
 Farey sequences; 541
 fatty acids; 1658
 Fenton reaction; 623
 Fenton's reagent; 1628
 fermentation; 1860
 fern; 292
 Fe-W-B alloy; 360
 First Law; 488
 fish and mussel; 554
 fish farm; 768
 fish farming activities; 1835
 flavonoid glycosides; 842
 flavonoids; 828
 flavor; 513, 629, 2031
 flocculation; 1115
 flow analysis; 1754
 flow rates control; 1754
 FMO theory; 727
 food ingredients; 409
 foods; 268
 formaldehyde; 832
 fossil; 22
 Fourier transform infrared spectroscopy; 22, 1956
 fractionation; 1249
 Fritz Haber; 240
 fuel cell; 1523
 fuel cells; 189
 fuels; 1539
 functional properties; 616
 functionalization; 1695

- fungi; 1584
 galvanic sludge; 1750
 gas chromatography; 535
 GC-ECD; 1872
 glass ceramics; 1104
 glibenclamide; 1218
 glucose-oxidase; 1633
 glyphosate; 1592
 goethite; 925
 graduate programs in chemistry; 1435
 graphite; 1020
 green chemistry; 464
 green coconut shells; 1153
 groundwater; 688
 GSH; 592
 Guanabara Bay; 554
 guanidine; 1892
 HDL/iron oxide composite; 1077
 headspace/gas chromatography; 1362
 heat; 488
 heavy metal; 1188
 heavy metals; 582, 885, 1147, 1669
 hematite; 611
 heme; 25
 heterocycles; 106, 1167
 heterocyclic compounds; 284
 heterogeneous photocatalysis; 1082
 heterogeneous photocatalyst; 2001
 hide powder; 815
 high performance liquid chromatography; 1163
 higher education; 2035
 Higher education in Brazil; 1780
Himatanthus sucuuba; 1133
 histamine; 18
 history; 2068
 history of chemistry; 1032, 1381
 history of pharmacy in Brazil; 1038
 history of science; 1032
 HMG-CoA reductase; 425
 honey; 848, 920
 honey composition; 1653
 hotspots; 1976
 HPLC; 80, 268, 281, 774, 1919, 1225, 1359
 HPLC-DAD; 1872
 HPLC-fluorescence; 18
 HRGC-MS-SIM; 1900
 human health; 651
 human milk; 1535
 humic acid; 260
 humic substances; 1261
 hydrazides; 56
 hydrocarbons; 1539
 hydrogels; 1649
 hydrogen; 339, 1773
 hydrogen bond; 791, 1167
 hydroxyalkylsulfonic acids; 1968
 hydroxyapatite; 1229, 1853
 hyperconjugative interactions; 1681
Ilex paraguariensis; 304
 immobilization; 1182
 Impact Factor; 1480, 1491
 inactivation; 1633
 inclusion compounds; 1313
 indole alkaloids; 970
 indolecarboxylic acids; 763
 industrial applications; 388
 industrial cleaning solutions; 1006
 industrial development; 1339
 industrial residue; 1669
 infrared spectra interpretation; 1026
 infrared spectrum; 791
 innovation; 1413
 innovative R&D; 1393
 inorganic photochemistry; 1686
 insecticides; 159
 instrumental methods; 1014
 interesterification; 1295
 interlaboratorial; 32
 internationalization; 1444
 iodine; 308
 iodo ligands; 56
 ion-selective electrodes; 1505
 IQ-USP; 1394
 iridoids; 1133, 1887
 iron; 723
 iron quadrangle; 1088
 iron-reducing phenolic compounds; 623
 isopropanol; 1362
 isotopic labeling; 116
 itraconazole; 774
 jaboticaba; 1529
 kinetics; 1275
 kinetics of reduction; 1813
 kino; 1926
 Labiatae; 1882
 lamivudine; 1225
 Langmuir isotherm; 1188
 $\text{LaNi}_{(1-x)}\text{Co}_x\text{O}_3$ perovskite-type oxides; 298
 lanthanide; 2001
 laser flash photolysis; 897
 laser-induced luminescence; 214
 LASSBio-579; 1919
 layer-by-layer films; 1158
 lead(II); 1911
 lichen substances; 1072
 lichens; 582
 lidocaine; 777
 limestone; 1275
 limonene; 382
 lipases; 1182
 liquid crystals; 636, 1776
 log-linear solubility equation; 1945
 LRI; 2031
Luxemburgia; 984
 macrocycles; 415
 magnetic adsorbents; 1077
 magnetic properties; 1545
 magnetism; 904
 malvaceae; 901
 manganese; 718, 1616
 manganites; 1517
 mangrove sediments; 66
 mangrove soils; 519
 marine organisms; 629
 marine sponge; 1194
 mass spectroscopy; 1623, 2031
 mate; 304
 materials chemistry; 1469
Maytenus truncata; 842
 medicinal chemistry; 1456
 medicinal plants; 351, 374
 medium ring lactones; 415
 membrane reactor; 965
 mercury; 366, 519, 768
 mercury distribution; 274
 mercury electrode; 2025
 mercury speciation; 1088
 mesoscale atmospheric modeling; 1609
 metal; 59
 metal pollution; 1215
 metal recovery; 476, 995
 metallic ions; 879
 metalloporphyrins; 677
 metalocarbenoids; 1721
 metals; 2062
 metals recovery; 718
 meteorological conditions; 1609
 meteorological variables; 1555
 methylxanthines; 99, 304
 metrological reliability; 1820
 micro total analysis systems; 1986
 microbial polyester; 1732
 Microbiológica; 1420
 microemulsion; 1128
 microfabrication; 1986
 micronutrient in soil; 588
 microorganisms; 988
 microparticle; 1744
 milk; 80
 mineral sulfides; 1095
 miniaturization; 1986
 mixed-mode oscillations; 541
 mixture of polyprotic species; 224
 MnO_2 ; 1020
 molecular biology; 1446
 molecular structure; 935
 monitoring; 1119
 Monte Carlo; 1759
 multi-cell; 1357
 multiple pulses; 458
 multiple square wave voltammetry; 458
 multivariate analysis; 797
 multivariate calibration; 1638
 multivariate regression; 852
 multivariate statistical analysis; 1835
 multivariate statistics; 582
 nanomaterials; 1469, 1484, 1695
 nanoparticles; 1550, 1578
 nanotechnology; 745, 1484
 NAS/CNPq program; 1393
 NAS/CNPq programme; 1394

- natural gas; 366
 natural gums; 1158
 natural products; 1446, 1563
 natural water; 2020
 natural waters; 332, 1592
 naturalists; 1381
 NBO analysis; 727
 near infrared spectroscopy; 346
 N-heterocycles; 957
 Ni-Cd batteries; 712
 niobium; 925
 NIR; 1301
 nitrate; 1804
 nitrogen oxides; 611
 NLSL; 1240
 NMR; 1203, 1597, 1681
 NMR spectroscopy; 2053
 nomenclature; 682
 non-linearity; 1167
 normal modes; 497
 nuclear accidents; 83
 nucleophilic aromatic substitution; 356
 nutrition; 1295
- Ochnaceae*; 984
Ocotea; 92
 octacalcium phosphate; 892
 octocoral; 1194
 oil shale ash; 1108
 olefin metathesis; 431
 oleochemistry; 667
 oligonucleotides; 930
 opportunities; 1413
 optical fiber sensor; 1677
 optimization; 436
Orbignya sp.; 600
 organic acids; 1529
 organic chemistry; 2053
 organic compounds; 1026, 1347
 organic matter; 1799
 organic molecules; 1046
 organic synthesis; 1012
 organometallic synthesis; 494
 organophosphorus compounds; 159
 organosilicon; 1704
 origins of the universities; 1780
 oscillating reactions; 541
 oscillations; 1930
Ouratea; 984
 oxidation; 925, 1061
 oxidative and nitrosative stress; 1323
 oxoaporphine; 1809
- P3HB-*b*-3HPE; 53
 P3HB-*co*-3HV; 53
 paclbutrazol; 281
 PADCT; 1407
 PAH; 577
 palladium catalyst; 1704
 pantoprazole; 1001
 particulate matter; 1233
 pathways; 382
 pattern formation; 1930
 pattern recognition; 481
- PCA; 577
 PCBs; 709
 pectic substances; 388
 pectinolytic enzymes; 388
 PEMFC; 1644
Penicillium; 1867
 peptidyl derivatives; 284
 permeability; 312
 perovskites; 1061
 peroxidase; 1067
 persistent toxic substances; 1976
 pesticide residue; 264
 pesticides; 32, 565, 688, 1119, 1171,
 1830
 petroleum; 327
 pH; 70, 232
 pH meter; 232
 pharmaceutical applications; 409
 pharmaceutical industry; 1456
 pharmacokinetics; 1919
 phenolic compounds; 597, 1512
Philodendron imbe Schott; 41
 phosphite; 308
 phosphorus; 569, 1208
 photocatalysis; 1896
 photochemical sensitization; 1686
 photodynamic inactivation; 988
 photo-Fenton; 264, 400
 photomultiplier; 214
 photoredox reactions; 1686
 physicochemical properties; 695
 pigment; 745
Piper lhotzkyanum; 1222
Piper mollicomum; 1222
 piperonal; 763
 planning; 1407
 plant cell culture; 1849
 plant growth regulator; 763
 plant lectins; 1267
 plate coater; 1747
 platinum complexes; 56
Plectranthus barbatus; 1882
 PLS; 75
Plumeria rubra; 1133
 PM3; 25
 PNIPAAm; 1649
 poliphenols; 441
 polycarbonate membrane; 1550
 polycyclic aromatic hydrocarbons; 560
 polyhydroxyalkanoate composition; 1951
 polyhydroxyalkanoates; 53, 1732
 polyketide; 1867
 polymeric association; 312
 polymerization; 636
 polymethylmethacrylate; 70
 polymorphism; 916
 polymorphs; 644
 polynitrophenylhydrazones; 229
 poly-o-methoxyaniline; 1158
 polyphenols; 1926
 porous; 450
 porous materials; 464
 potentiometric studies; 1136
 potentiometry; 574
- powdered milk; 852
 powder-metallurgy; 450
 precipitation; 1578
 preparation and synthetic applications;
 957
 propellants; 952
 propolis; 828, 1512
 protein-ligand interactions; 1597
 proton binding; 1261
 prototype; 1456
Pseudokirchneriella subcapitata; 885
 public policies; 1420
 publications; 1480
 PUR foams; 1104
 PVC film; 219
 pyrethroid; 535
 pyrolysis; 873
- quality control; 75, 707, 1359
 quantitative analysis; 395
 quassinoïd; 935
 quinolone alkaloid; 1589
- radiological contrast; 505
 rainwater chemistry; 1842
 rare clays; 146
 raw coffee; 346
 reading; 1365
 Regional Secretaries; 1439
 relaxant activity; 901
 research in Brazil; 1435
 resin of almécega; 491
 retention test; 1215
 Ribeira de Iguaçu River Basin; 1171
 rice hulls; 1663
 Rietveld method; 1853
 Rio das Velhas basin; 797
 Rio Negro-AM; 274
 ROMP; 431
 ropivacaine; 1203
 rosewood oil; 1906
 royal jelly; 257
 Rutaceae; 1589
- S(-) Bupivacaine; 777
 sample pretreatment; 805
 saponified coconut oil; 1128
Sargassum; 5
 SBQ; 1439
 SBQ/RSC accord; 1393
 scanning electron microscopy; 1517
Schinus terebinthifolius; 597, 1959
 SciELO; 1491
 science in Brazil; 1381
 Scientific Divisions; 1439
 seasonal effect; 1512
 seasonal variation; 860
 sediments; 1088, 1208, 1249
 seeds; 49
 semiconductor; 287, 904
 sensor technology; 677
 separation; 1606
 siderite; 36
 silica gel; 528

- size distribution; 1938
 skin; 206
 slow motion regime; 1240
 sludge; 865
 Sociedade Brasileira de Química; 1444
 sodium; 2057
 sodium alginate; 5, 832
 sodium caseinate/glycerol; 1182
 sodium chloride; 1763
 SOFC; 189
 soil acidity amendment; 1669
 soils; 274
 sol-gel; 1567
 solar radiation; 1082
 solid density; 1763
 solid oxide fuel cell; 1339
 solid phase extraction; 323
 solid-phase extraction; 560
 solid phase micro extraction (SPME); 1606
 solid phase spectrophotometry; 2020
 sorbitol; 832
 source clays; 146
 sources; 695, 1616
 special clays; 146, 1282
 spectral series; 2057
 spectrometry spectra interpretation; 1026
 spectrophotometric titrations; 1014
 spectroscopy; 281
 spectrum; 1773
 spent Li-batteries; 718
 spent Li-ion batteries; 995
 spent zeolites; 476
 SPF; 153
 split-plot design; 436
 square wave voltammetry; 2025
 Sr concentration; 821
 Sr isotopes; 821
 stability; 1001, 1633
 standard; 574
 standardization; 1301
 starch; 909
 statins; 425
 stationary phase; 1747
 statistical analysis; 1555
 statistical design of experiments; 548
 stereochemistry; 1046
 stereoselective molecular recognition; 125
 steroid; 41
 steroids; 1877
 stingless bees; 707
 stripping analysis; 1673
 structure-metabolism relationship; 171
 subsurface water; 821
 sugar cane spirit; 1009
 sugar-cane bagasse; 327
 sugarcane burning; 577
 sulfadimethoxine; 80
 sulfathiazole; 1136
 sulfide; 332
 sulfur dioxide; 1275
 sunlight; 1830
 sunscreens; 153
 supercritical fluids; 965
 support vector machines; 852
 supramolecular approach; 1484
 surface modification; 1229
 surface modified clays; 1282
 surfactin; 409
 sweet; 1573
 syngas production; 298
 synthesis; 1578
 synthetic dyes; 268
 synthetic methods; 106, 415
 synthetic organic chemistry; 1394
 synthetic products; 1563
 systematic toxicological analysis; 468
Syzygium cumini; 860
Tabebuia heptaphylla; 1887
Tabernaemontana catharinensis; 1849
 tannins; 815
 TBP; 712
 teacher formation; 1365, 2043
Tetranychus urticae; 838
 the history of radioactivity; 83
 thermal adaptation; 136
 thermal analysis; 952, 1567
 thermal behaviour; 318
 thermal treatment; 1256
 thermochromic effect; 1776
 thermogravimetry; 600
 thermophilic microorganism; 136
 thermoprogrammed reduction; 1813
 thermostable enzyme; 136
 thin films; 287
 thin-layer chromatography; 1747
 thioglycolic acid; 528
 time-resolved; 214
 titanium; 450
 titanium dioxide; 1896
 titration simulation; 224
 titrimetry; 308
 total phenolics; 351
 total selenium; 554
 total sugar; 346
 toxic metals; 1153
 toxicity; 885, 1623
 toxicological analysis; 1820
 trace element; 1233
 trace elements; 1249
 trace metals; 66
trans fatty acids; 1295
 transesterification; 600, 1369
 triazines; 2025
 triplet excited state; 897
 triterpenes; 1887
 trypanocidal activity; 525
 tubastrine; 1892
 tunicate; 1179
 tupiguarani tradition; 785
 turbidimetric end-point; 1006
 ultrasound spray drying; 1744
 ultraviolet derivative spectrophotometry; 1218
umbu (*Spondias tuberosa* Arr. Cam.); 49
 undergraduate education; 731
 undergraduate experiment; 1369
 undergraduate laboratory; 494
 undergraduate in Chemistry; 1429
 universities in Brazil; 1780
 USP; 1397
 UV radiation; 264
 UV spectrophotometry; 1638
 UV-absorbers; 153
 vacuum distillation; 1012
 Vale do Ribeira basin; 865
 validation; 535, 774, 1001, 1163
 validation of methods; 1951
 Van't Hoff diagram; 501
 vancomycin; 395
 variations in secondary metabolites; 374
 vegetable oils; 2016
 vegetal extract; 1067
 vibrational analysis; 497
 vinhaticoic acid; 1658
 viscosity; 1374
 vitamin C; 1143
 vivianite; 36
 Vladimir Prelog; 1046
 volatile compounds; 513
 waste management; 476
 wastewater; 1153
 wastewater treatment; 1215
 water; 59
 water analysis; 560, 1872
 water column; 1754
 water contamination; 1147
 water quality; 797, 1119, 1171
 water quality index (WQI); 1835
 water soluble ions; 1938
 water treatment plant; 865
 water-gas shift; 1644
 water-soluble vitamins; 1638
 Web of Science; 1491
 wet deposition; 1842
 wine; 18, 1968
 work; 488
 xanthan; 909
 xenobiotics; 623
 X-ray diffraction; 22, 1517, 1853, 1956
Xylopia sericea; 838
 $\text{Y}_{1.5}\text{Gd}_{1.5}\text{Fe}_5\text{O}_{12}$; 1545
 yeast; 323
 yerba mate; 513
 zeolites; 45, 178, 1108
 zero valent iron; 1628
 zidovudine; 1225
 zinc; 1573, 1750
 zinc determination; 588
 ZSM-5; 45