Yanxiong Ke

List of Publications by Year
in descending order

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102 papers	3,376 citations	201674 27 h-index	149698 56 g-index
109 all docs	109 docs citations	109 times ranked	3605 citing authors

#	Article	IF	Citations
1	Pseudomorphic synthesis of bimodal porous silica microspheres for size-exclusion chromatography of small molecules. Journal of Chromatography A, 2022, 1664, 462757.	3.7	4
2	Pore size control of monodisperse mesoporous silica particles with alkyl imidazole ionic liquid templates for high performance liquid chromatography applications. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 637, 128200.	4.7	5
3	Separation of minor steviol glycosides using hydrophilic interaction liquid chromatography (HILIC) and off-line two-dimensional reversed-phase liquid chromatography/HILIC methods. Journal of Food Composition and Analysis, 2022, 112, 104683.	3.9	5
4	Synthesis of Al3+-doping-TiO2 monodisperse microspheres and their application for phosphopeptides and glycopeptides enrichment. Talanta, 2021, 223, 121715.	5.5	7
5	Regioselective and diastereodivergent organocatalytic asymmetric vinylogous Michael addition. Organic Chemistry Frontiers, 2021, 8, 4758-4766.	4.5	5
6	A ternary eluent strategy to tune the peak shape of steviol glycosides in reversed-phase liquid chromatography. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2021, 1173, 122673.	2.3	3
7	Enantioseparation of cloprostenol on the polysaccharide chiral stationary phase: Influence of the mobile phase on enantioselective adsorption. Journal of Chromatography A, 2021, 1653, 462413.	3.7	3
8	Pore size control of monodisperse silica particles by dual template solâ€“gel method. Journal of Sol-Gel Science and Technology, 2020, 94, 186-194.	2.4	3
9	Ultrasonic-Assisted Solâ€“Gel Synthesis of Coreâ€“Shell Silica Particles for High-Performance Liquid Chromatography. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 859-868.	3.7	8
10	Chemical separation and characterization of complex samples with herbal medicine. TrAC - Trends in Analytical Chemistry, 2020, 124, 115775.	11.4	11
11	Evaluation of a series of phenyl-type stationary phases in supercritical fluid chromatography with the linear solvation energy relationship model and its application to the separation of phenolic compounds. Journal of Chromatography A, 2020, 1614, 460700.	3.7	11
12	A subtraction fitting method for independent determination of enantioselective and nonselective adsorption isotherms based on the single-component isotherms in the framework of the two-site model. Journal of Chromatography A, 2020, 1632, 461608.	3.7	2
13	Highly Efficient Separation of Methylated Peptides Utilizing Selective Complexation between Lysine and 18-Crown-6. Analytical Chemistry, 2020, 92, 15663-15670.	6.5	5
14	Monodisperse coreâ€“shell silica particles as a high-performance liquid chromatography packing material: Facile in situ silica sol-gel synthesis. Journal of Chromatography A, 2020, 1625, 461282.	3.7	7
15	Novel chiral stationary phases based on 3,5â€dimethyl phenylcarbamoylated Î²â€cyclodextrin combining cinchona alkaloid moiety. Chirality, 2020, 32, 1080-1090.	2.6	6
16	Adsorption mechanism of triterpenoid saponins in reversed-phase liquid chromatography and hydrophilic interaction liquid chromatography: Mogroside V as test substance. Journal of Chromatography A, 2020, 1620, 461010.	3.7	1
17	A novel C 2 symmetric chiral stationary phase with N â€[(4â€Methylphenyl)sulfonyl]â€l â€leucine as chiral side chains. Journal of Separation Science, 2020, 43, 2338-2348.	2.5	4
18	Enantiomeric analysis of simendan on polysaccharideâ€based stationary phases by polar organic solvent chromatography. Journal of Separation Science, 2020, 43, 2097-2104.	2.5	6

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19	HPLC and SFC enantioseparation of (Â±)â€Corey lactone diol: Impact of the amylose trisâ€(3,5â€dimethylphenylcarbamate) coating amount on chiral preparation. Chirality, 2019, 31, 855-864.	2.6	4
20	Design, synthesis and evaluation of a series of alkylsiloxane-bonded stationary phases for expanded supercritical fluid chromatography separations. Journal of Chromatography A, 2019, 1593, 127-134.	3.7	4
21	Synthesis of Large-Pore Silica Microspheres Using Dodecylamine as a Catalyst, Template and Porogen Agent. Journal of Inorganic and Organometallic Polymers and Materials, 2019, 29, 1417-1421.	3.7	6
22	Efficient preparative separation of 6â€(4â€aminophenyl)â€5â€methylâ€4, 5â€dihydroâ€3(2H)â€pyridazinone enantiomers on polysaccharideâ€based stationary phases in polar organic solvent chromatography and supercritical fluid chromatography. Journal of Separation Science, 2019, 42, 2482-2490.	2.5	15
23	Novel chiral ionic liquids stationary phases for the enantiomer separation of chiral acid by highâ€performance liquid chromatography. Chirality, 2018, 30, 670-679.	2.6	18
24	Preparation of sub-2 Î¼m large-pore monodispersed mesoporous silica spheres using mixed templates and application in HPLC. Microporous and Mesoporous Materials, 2018, 265, 234-240.	4.4	7
25	Separation of Piper kadsura Using Preparative Supercritical Fluid Chromatography Combined with Preparative Reversed-Phase Liquid Chromatography. Chromatographia, 2018, 81, 1181-1187.	1.3	10
26	Separation of Ketorolac enantiomers on polysaccharideâ€based chiral stationary phases using a polar organic mobile phase. Separation Science Plus, 2018, 1, 351-358.	0.6	10
27	Rapid purification of diastereoisomers from Piper kadsura using supercritical fluid chromatography with chiral stationary phases. Journal of Chromatography A, 2017, 1509, 141-146.	3.7	22
28	Construction of an off-line two dimensional reversed-phase liquid chromatography/ultra-high performance supercritical fluid chromatography method for rapid and comprehensive analysis of Piper kadsura. Journal of Supercritical Fluids, 2017, 127, 9-14.	3.2	13
29	A polyacrylamide-based silica stationary phase for the separation of carbohydrates using alcohols as the weak eluent in hydrophilic interaction liquid chromatography. Journal of Chromatography A, 2017, 1524, 153-159.	3.7	26
30	Synthesis and evaluation of a maltoseâ€bonded silica gel stationary phase for hydrophilic interaction chromatography and its application in Ginkgo Biloba extract separation in twoâ€dimensional systems. Journal of Separation Science, 2016, 39, 3339-3347.	2.5	16
31	Improvement of chiral stationary phases based on cinchona alkaloids bonded to crown ethers by chiral modification. Journal of Separation Science, 2015, 38, 3884-3890.	2.5	10
32	Rapid and simultaneous analysis of sesquiterpene pyridine alkaloids from Tripterygium wilfordii Hook. f. Using supercritical fluid chromatography-diode array detector-tandem mass spectrometry. Journal of Supercritical Fluids, 2015, 104, 85-93.	3.2	31
33	Preparation and chromatographic evaluation of a newly designed steviol glycoside modified-silica stationary phase in hydrophilic interaction liquid chromatography and reversed phase liquid chromatography. Journal of Chromatography A, 2015, 1388, 110-118.	3.7	48
34	Sequential enrichment of singly- and multiply-phosphorylated peptides with zwitterionic hydrophilic interaction chromatography material. Journal of Chromatography A, 2015, 1413, 47-59.	3.7	3
35	Preparation and evaluation of novel chiral stationary phases based on quinine derivatives comprising crown ether moieties. Journal of Separation Science, 2015, 38, 205-210.	2.5	10
36	A Novel Analgesic Isolated from a Traditional Chinese Medicine. Current Biology, 2014, 24, 117-123.	3.9	85

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37	Alkaloids analysis using off-line two-dimensional supercritical fluid chromatography Ã— ultra-high performance liquid chromatography. Analyst, The, 2014, 139, 3577-3587.	3.5	36
38	Novel chiral stationary phases based on peptoid combining a quinine/quinidine moiety through a C9â€position carbamate group. Journal of Separation Science, 2014, 37, 934-943.	2.5	8
39	A dextran-bonded stationary phase for saccharide separation. Journal of Chromatography A, 2014, 1345, 57-67.	3.7	23
40	Separation of carbohydrates using hydrophilic interaction liquid chromatography. Carbohydrate Research, 2013, 379, 13-17.	2.3	58
41	Retention mechanism and enrichment of glycopeptides on titanium dioxide. Analytical Methods, 2013, 5, 7072.	2.7	19
42	Purification of amide alkaloids from Piper longum L. using preparative two-dimensional normal-phase liquid chromatography Ã— reversed-phase liquid chromatography. Analyst, The, 2013, 138, 3313.	3.5	50
43	Study of stereomeric peptoid chiral stationary phases containing different chiral side chains. Journal of Chromatography A, 2013, 1298, 152-156.	3.7	7
44	Investigation of peptoid chiral stationary phases varied in absolute configuration. Journal of Chromatography A, 2013, 1281, 155-159.	3.7	10
45	A novel ionic-bonded cellulose stationary phase for saccharide separation. Journal of Chromatography A, 2013, 1291, 56-63.	3.7	15
46	Investigation of Peptoid Chiral Stationary Phases Terminated with Nâ€²â€Substituted Phenylâ€Lâ€proline/leucine Amide. Chinese Journal of Chemistry, 2012, 30, 2791-2797.	4.9	5
47	Establishment of a search library about benzylisoquinoline alkaloids based on selective separation on the binaphthyl column and standard analysis on C18 column. Journal of Separation Science, 2012, 35, 3317-3325.	2.5	14
48	Preparation and evaluation of C10-cationic latex particle coated open-tubular column for capillary electrochromatography. Journal of Chromatography A, 2012, 1267, 127-130.	3.7	11
49	Highly stable high performance liquid chromatography stationary phase based on direct chemical modification of organic bridges in hybrid silica. Journal of Chromatography A, 2012, 1247, 63-70.	3.7	13
50	Preparation of a stationary phase with quaternary ammonium embedded group for selective separation of alkaloids based on ionâ€exclusion interaction. Journal of Separation Science, 2012, 35, 2685-2692.	2.5	13
51	Improvement of peptoid chiral stationary phases by modifying the terminal group of selector. Journal of Chromatography A, 2012, 1265, 181-185.	3.7	13
52	Evaluation of â€œclickâ€binaphthyl chiral stationary phases by liquid chromatography. Chirality, 2012, 24, 391-399.	2.6	6
53	Combination of off-line two-dimensional hydrophilic interaction liquid chromatography for polar fraction and two-dimensional hydrophilic interaction liquid chromatographyÃ—reversed-phase liquid chromatography for medium-polar fraction in a traditional Chinese medicine. Journal of Chromatography A, 2012, 1224, 61-69.	3.7	53
54	Investigation of brushâ€type chiral stationary phases based on O,Oâ€²â€diaroyl tartardiamide and O,Oâ€²â€bisâ€(arylcarbamoyl) tartardiamide. Journal of Separation Science, 2012, 35, 351-358.	2.5	7

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55	Enantiorecognition ability of peptoids with Î±-chiral, aromatic side chains. Analyst, The, 2011, 136, 4409.	3.5	17
56	Selective separation of structure-related alkaloids in Rhizoma coptidis with â€œclickâ€•binaphthyl stationary phase and their structural elucidation with liquid chromatography-mass spectrometry. Analyst, The, 2011, 136, 4357.	3.5	36
57	The development of an evaluation method for capture columns used in two-dimensional liquid chromatography. Analytica Chimica Acta, 2011, 706, 184-190.	5.4	16
58	Preparation of â€œclickâ€•binaphthyl stationary phase and its application for separation of anthraquinones from Rheum palmatum L.. Journal of Separation Science, 2011, 34, 1133-1140.	2.5	9
59	Selective separation of flavonoid glycosides in Dalbergia odorifera by matrix solidâ€phase dispersion using titania. Journal of Separation Science, 2011, 34, 1347-1354.	2.5	28
60	Preparation of a stationary phase with sâ€triazine ring embedded group for reversed phase highâ€performance LC. Journal of Separation Science, 2010, 33, 2998-3004.	2.5	9
61	1D zigzag chain vs. 1D helical chain: the role of the supramolecular interactions on the formation of chiral architecture. CrystEngComm, 2010, 12, 337-340.	2.6	38
62	Supramolecular Isomerism in Honeycomb Metalâ^'Organic Frameworks Driven by CHÂ·Â·Â·Ï€ Interactions: Homochiral Crystallization from an Achiral Ligand through Chiral Inducement. Inorganic Chemistry, 2010, 49, 8650-8652.	4.0	87
63	Pore expansion of highly monodisperse phenylene-bridged organosilica spheres for chromatographic application. Talanta, 2010, 81, 824-830.	5.5	24
64	Selective enrichment of glycopeptides/phosphopeptides using porous titania microspheres. Chemical Communications, 2010, 46, 5488.	4.1	61
65	â€œClick dipeptideâ€• A novel stationary phase applied in two-dimensional liquid chromatography. Journal of Chromatography A, 2009, 1216, 8623-8629.	3.7	37
66	A novel click chitooligosaccharide for hydrophilic interaction liquid chromatography. Chemical Communications, 2009, , 6973.	4.1	74
67	Large-pore monodispersed mesoporous silica spheres: synthesis and application in HPLC. Chemical Communications, 2009, , 1085.	4.1	20
68	Facile synthesis of titaniaâ€“zirconia monodisperse microspheres and application for phosphopeptides enrichment. Chemical Communications, 2009, , 2929.	4.1	59
69	Self-assembly of a novel metalâ€“organic coordination cage (MOCC) based on a new flexible dicarboxylate ligand: synthesis, crystal structure and magnetic property. CrystEngComm, 2009, 11, 47-49.	2.6	11
70	Phenylene-bridged hybrid silica spheres for high performance liquid chromatography. Analytical Methods, 2009, 1, 123.	2.7	12
71	Novel reversed-phase high-performance liquid chromatography stationary phase with oligo(ethylene) Tj ETQq1 1 0.784314 rgBT /Ove	3.7	41
72	A Three-dimensional Manganese(II) 1,2,4-Benzenetricarboxylate Hydroxide Framework with Mnâ€“O Inorganic Sheets: Hydrothermal Synthesis and Crystal Structure. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2008, 63, 1339-1342.	0.7	3

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73	This paper has been retracted.Template-Induced Formation of a 3D Zinc Metal-Organic Framework Possessing a Rare (10,3)-d Net. Crystal Growth and Design, 2008, .	3.0	0
74	Construction of Robust Open Metalâ"Organic Frameworks with Chiral Channels and Permanent Porosity. Inorganic Chemistry, 2007, 46, 2725-2734.	4.0	149
75	An Interweaving MOF with High Hydrogen Uptake. Journal of the American Chemical Society, 2006, 128, 3896-3897.	13.7	567
76	Stability and Porosity Enhancement through Concurrent Ligand Extension and Secondary Building Unit Stabilization. Inorganic Chemistry, 2006, 45, 7566-7568.	4.0	90
77	(10,3)-a Noninterpenetrated Network Built from a Piedfort Ligand Pair. Inorganic Chemistry, 2006, 45, 1897-1899.	4.0	75
78	Crystal structure of 2,8,14,20-tetranaphthylpyrogallol[4]arene. Journal of Chemical Crystallography, 2006, 36, 67-70.	1.1	5
79	Construction of Open Metalâ€"Organic Frameworks Based on Predesigned Carboxylate Isomers: From Achiral to Chiral Nets. Chemistry - A European Journal, 2006, 12, 3768-3776.	3.3	151
80	Synthesis and structure of the three-dimensional coordination polymer [Ag3hmt3(Î¼3 -btc)]Â·5H2O. Crystal Research and Technology, 2006, 41, 98-102.	1.3	9
81	Hydrothermal synthesis, structures and spectroscopy of 2D lanthanide coordination polymers built from helical chains: [Ln2(BDC)3(H2O)2]n (Ln=Sm, 1; Ln=Eu, 2; BDC=1,3-benzenedicarboxylate). Journal of Molecular Structure, 2005, 734, 7-13.	3.6	25
82	Synthesis and Structure of Cuboctahedral and Anticuboctahedral Cages Containing 12 Quadruply Bonded Dimolybdenum Units. Inorganic Chemistry, 2005, 44, 4154-4156.	4.0	101
83	Temperature-dependent supramolecular stereoisomerism in porous copper coordination networks based on a designed carboxylate ligand. Chemical Communications, 2005, , 5447.	4.1	176
84	Synthesis, characterization, and photoluminescence of isostructural Mn, Co, and Zn MOFs having a diamondoid structure with large tetrahedral cages and high thermal stability. Chemical Communications, 2005, , 2663.	4.1	161
85	A 3D silver coordination polymer with novel topology structure. Solid State Sciences, 2004, 6, 753-755.	3.2	17
86	Synthesis and Crystal Structure of a New Copperâ€"PMIDA Compound (H4PMIDA=H2O3PCH2N(CH2CO2H)2). Structural Chemistry, 2004, 15, 207-210.	2.0	9
87	Synthesis and structure of a three-dimensional coordination polymer [Ag3hmt3(?3-btc)]ï¿½5H2O. Journal of Structural Chemistry, 2004, 45, 541-546.	1.0	2
88	[(Tp)8(H2O)6CuII6FeIII8(CN)24]4+: A Cyanide-Bridged Face-Centered-Cubic Cluster with Single-Molecule-Magnet Behavior. Angewandte Chemie - International Edition, 2004, 43, 5940-5943.	13.8	219
89	Synthesis and structure of 2D- and 3D- inorganic-organic coordination polymers: based on Ag-hmt subunit. Crystal Research and Technology, 2004, 39, 89-93.	1.3	10
90	Synthesis and structure characterization of three-coordinate silver (I) and seven-coordinate cobalt (II) coordination polymers with 4-pyridylthioacetate. Journal of Molecular Structure, 2004, 689, 75-80.	3.6	9

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91	Solvothermal Synthesis and Structure of Two 2D Tinâ€“Selenides with Long Alkyldiamine NH2(CH2)nNH2(n = 8, 10). Structural Chemistry, 2003, 14, 637-642.	2.0	12
92	Hydrothermal synthesis and structure of a molybdenum oxide (TMA)2[Ni(H2O)6][Î²-Mo8O26]. Solid State Sciences, 2003, 5, 317-320.	3.2	4
93	Self-assembly synthesis and structure of mono- and di-nuclear uranyl complex. Crystal Research and Technology, 2003, 38, 1004-1008.	1.3	3
94	Hydrothermal Synthesis and Structure of a Molybdenum Oxide (TMA)2[Ni(H2O)6] [Î²-Mo8O26].. ChemInform, 2003, 34, no.	0.0	0
95	Synthesis of mesostructured tin oxide with neutral surfactant as a template in aqueous media. Materials Letters, 2003, 57, 2679-2681.	2.6	15
96	Synthesis of mesostructured lamellar lead sulfide in acidic media. Journal of Materials Research, 2003, 18, 549-551.	2.6	1
97	Synthesis and structure of a 3-rings antimony germanate: Sb2Ge3O9. Solid State Sciences, 2002, 4, 803-806.	3.2	8
98	Fabrication of macroporous cadmium sulfide with three-dimensional structure by solvothermal synthesis. Journal of Materials Chemistry, 2001, 11, 1778-1780.	6.7	13
99	A new mixed divalent metal phosphate with zeolite thomsonite framework topologyElectronic supplementary information (ESI) available: TGA and DTA spectra of ZCP-THO. Table of selected bond lengths and angles for ZCP-THO. See http://www.rsc.org/suppdata/nj/b1/b104331p/. New Journal of Chemistry, 2001, 25, 1627-1630.	2.8	13
100	Two-step templating route to macroporous or hollow sphere oxides. Journal of Materials Chemistry, 2001, 11, 2930-2933.	6.7	43
101	Fabrication of wellÂordered macroporous active carbon with a microporous framework. Journal of Materials Chemistry, 2001, 11, 1975-1977.	6.7	70
102			