

Kus Hidajat

List of Publications by Year in descending order

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124
papers

8,814
citations

36271

51
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42364

92
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125
all docs

125
docs citations

125
times ranked

9502
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of lattice oxygen in methane activation on Ni-phyllsilicate@Ce _{1-x} Zr _x O ₂ core-shell catalyst for methane dry reforming: Zr doping effect, mechanism, and kinetic study. Applied Catalysis B: Environmental, 2021, 290, 119998.	10.8	100
2	Highly Dispersed Ni/Silica by Carbonization—Calcination of a Chelated Precursor for Coke-Free Dry Reforming of Methane. ACS Applied Energy Materials, 2020, 3, 7719-7735.	2.5	60
3	Core—shell structured catalysts for thermocatalytic, photocatalytic, and electrocatalytic conversion of CO ₂ . Chemical Society Reviews, 2020, 49, 2937-3004.	18.7	479
4	Recent progress on layered double hydroxide (LDH) derived metal-based catalysts for CO ₂ conversion to valuable chemicals. Catalysis Today, 2020, 356, 490-513.	2.2	98
5	Highly dispersed nickel catalysts <i>via</i> a facile pyrolysis generated protective carbon layer. Chemical Communications, 2019, 55, 6074-6077.	2.2	29
6	Silica—Ceria sandwiched Ni core—shell catalyst for low temperature dry reforming of biogas: Coke resistance and mechanistic insights. Applied Catalysis B: Environmental, 2018, 230, 220-236.	10.8	370
7	K-doped LaNiO ₃ perovskite for high-temperature water-gas shift of reformat gas: Role of potassium on suppressing methanation. International Journal of Hydrogen Energy, 2017, 42, 9840-9857.	3.8	61
8	High catalytic stability of Pd-Ni/Y ₂ O ₃ formed by interfacial Cl for oxy-CO ₂ reforming of CH ₄ . Catalysis Today, 2017, 281, 276-294.	2.2	36
9	Sulfur resistant La _x Ce _{1-x} Ni _{0.5} Cu _{0.5} O ₃ catalysts for an ultra-high temperature water gas shift reaction. Catalysis Science and Technology, 2016, 6, 6569-6580.	2.1	29
10	Triple-layer catalytic hollow fiber membrane reactor for hydrogen production. Journal of Membrane Science, 2016, 514, 1-14.	4.1	43
11	Highly Active and Stable Bimetallic Nickel—Copper Core—Ceria Shell Catalyst for High-Temperature Water—Gas Shift Reaction. ChemCatChem, 2015, 7, 3358-3367.	1.8	31
12	Anti-Coking Ni/SiO ₂ Catalyst for Dry Reforming of Methane: Role of Oleylamine/Oleic Acid Organic Pair. ChemCatChem, 2015, 7, 4188-4196.	1.8	62
13	Catalytic Biomass Gasification to Syngas Over Highly Dispersed Lanthanum-Doped Nickel on SBA-15. ChemCatChem, 2015, 7, 3376-3385.	1.8	44
14	Co-production of hydrogen and carbon nanofibers from catalytic decomposition of methane over LaNi _{(1-x)M_xO₃} perovskite (where M=Co, Fe and X=O, 0.2, 0.5, 0.8, 1). International Journal of Hydrogen Energy, 2015, 40, 13399-13411.	3.8	52
15	Enhancing performance of Ni/La ₂ O ₃ catalyst by Sr-modification for steam reforming of toluene as model compound of biomass tar. RSC Advances, 2015, 5, 17834-17842.	1.7	49
16	Role of lattice oxygen in oxidative steam reforming of toluene as a tar model compound over Ni/La _{0.8} Sr _{0.2} AlO ₃ catalyst. Catalysis Science and Technology, 2015, 5, 3585-3597.	2.1	56
17	Pd—Ni catalyst over spherical nanostructured Y ₂ O ₃ support for oxy-CO ₂ reforming of methane: Role of surface oxygen mobility. International Journal of Hydrogen Energy, 2015, 40, 12227-12238.	3.8	54
18	Bimetallic Ni—Cu catalyst supported on CeO ₂ for high-temperature water—gas shift reaction: Methane suppression via enhanced CO adsorption. Journal of Catalysis, 2014, 314, 32-46.	3.1	268

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19	Ultra-thin ($\approx 1\frac{1}{4}\mu\text{m}$) internally-coated Pd-Ag alloy hollow fiber membrane with superior thermal stability and durability for high temperature H ₂ separation. <i>Journal of Membrane Science</i> , 2014, 452, 127-142.	4.1	71
20	Mechanism and kinetic modeling for steam reforming of toluene on La _{0.8} Sr _{0.2} Ni _{0.8} Fe _{0.2} O ₃ catalyst. <i>AIChE Journal</i> , 2014, 60, 4190-4198.	1.8	83
21	Perovskite La _x M _{1-x} Ni _{0.8} Fe _{0.2} O ₃ catalyst for steam reforming of toluene: Crucial role of alkaline earth metal at low steam condition. <i>Applied Catalysis B: Environmental</i> , 2014, 148-149, 231-242.	10.8	133
22	Promotional effect of Fe on perovskite La _{Ni_xFe_{1-x}} O ₃ catalyst for hydrogen production via steam reforming of toluene. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 5525-5534.	3.8	142
23	Fe ₃ O ₄ /cyclodextrin polymer nanocomposites for selective heavy metals removal from industrial wastewater. <i>Carbohydrate Polymers</i> , 2013, 91, 322-332.	5.1	538
24	β -Cyclodextrin conjugated magnetic, fluorescent silica core-shell nanoparticles for biomedical applications. <i>Carbohydrate Polymers</i> , 2013, 95, 449-457.	5.1	79
25	Adsorptive removal of emerging contaminants from water using superparamagnetic Fe ₃ O ₄ nanoparticles bearing aminated β -cyclodextrin. <i>Journal of Environmental Chemical Engineering</i> , 2013, 1, 122-130.	3.3	61
26	Enantioselective separation of chiral aromatic amino acids with surface functionalized magnetic nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 105, 267-277.	2.5	68
27	Ionically modified magnetic nanomaterials for arsenic and chromium removal from water. <i>Chemical Engineering Journal</i> , 2013, 225, 607-615.	6.6	132
28	Selective recognition and separation of nucleosides using carboxymethyl- β -cyclodextrin functionalized hybrid magnetic nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 92, 223-231.	2.5	26
29	LaNiO ₃ perovskite catalyst precursor for rapid decomposition of methane: Influence of temperature and presence of H ₂ in feed stream. <i>Catalysis Today</i> , 2011, 171, 24-35.	2.2	91
30	Role of catalyst support over Pd-NiO catalysts on catalyst activity and stability for oxy-CO ₂ reforming of methane. <i>Applied Catalysis A: General</i> , 2011, 402, 176-187.	2.2	88
31	Carboxymethyl- β -cyclodextrin conjugated magnetic nanoparticles as nano-adsorbents for removal of copper ions: Synthesis and adsorption studies. <i>Journal of Hazardous Materials</i> , 2011, 185, 1177-1186.	6.5	483
32	Adsorption of chiral aromatic amino acids onto carboxymethyl- β -cyclodextrin bonded Fe ₃ O ₄ /SiO ₂ core-shell nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2011, 354, 483-492.	5.0	155
33	Synthesis and characterization of β -cyclodextrin-conjugated magnetic nanoparticles and their uses as solid-phase artificial chaperones in refolding of carbonic anhydrase bovine. <i>Journal of Colloid and Interface Science</i> , 2010, 346, 337-346.	5.0	54
34	Synthesis of carboxymethyl- β -cyclodextrin conjugated magnetic nano-adsorbent for removal of methylene blue. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010, 367, 85-95.	2.3	208
35	Surface Functionalized Nano-Magnetic Particles for Wastewater Treatment: Adsorption and Desorption of Mercury. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 905-908.	0.9	15
36	Multi-objective optimization of simulated moving bed and Varicol processes for enantio-separation of racemic pindolol. <i>Separation and Purification Technology</i> , 2009, 65, 311-321.	3.9	27

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37	Synthesis, characterization and sensing properties of nano-SnO ₂ supported on SBA-15 as highly sensitive semiconductor gas sensors. <i>Journal of Materials Chemistry</i> , 2009, 19, 292-298.	6.7	45
38	Adsorption, desorption, and conformational changes of lysozyme from thermosensitive nanomagnetic particles. <i>Journal of Colloid and Interface Science</i> , 2008, 320, 15-21.	5.0	50
39	The roles of Cu, Zn and Mn in Cu _{0.5} Zn _{0.5} Mn ₂ O ₄ spinel-lattice catalyst for methanol decomposition. <i>Catalysis Today</i> , 2008, 131, 188-196.	2.2	25
40	A crucial role of surface oxygen mobility on nanocrystalline Y ₂ O ₃ support for oxidative steam reforming of ethanol to hydrogen over Ni/Y ₂ O ₃ catalysts. <i>Applied Catalysis B: Environmental</i> , 2008, 81, 303-312.	10.8	122
41	Synthesis of nano-SnO ₂ /SBA-15 composite as a highly sensitive semiconductor oxide gas sensor. <i>Materials Letters</i> , 2008, 62, 1441-1443.	1.3	58
42	Interfacial mass transfer in stripping of phenylalanine in a liquid-liquid extraction process. <i>Journal of Chemical Technology and Biotechnology</i> , 2007, 53, 353-357.	1.6	9
43	pH-Controllable drug release using hydrogel encapsulated mesoporous silica. <i>Chemical Communications</i> , 2007, , 4396.	2.2	124
44	Effect of surface functional groups on adsorption and release of bovine serum albumin on SBA-15. <i>Studies in Surface Science and Catalysis</i> , 2007, 165, 471-474.	1.5	3
45	Thermosensitive polymer (N-isopropylacrylamide) coated nanomagnetic particles: Preparation and characterization. <i>Colloids and Surfaces B: Biointerfaces</i> , 2007, 55, 51-58.	2.5	82
46	Modified reactive SMB for production of high concentrated fructose syrup by isomerization of glucose to fructose. <i>Biochemical Engineering Journal</i> , 2007, 35, 341-351.	1.8	26
47	Thermosensitive polymer coated nanomagnetic particles for separation of bio-molecules. <i>Separation and Purification Technology</i> , 2007, 53, 164-170.	3.9	67
48	Enantio-separation of racemic pindolol on $\langle \text{mml:math altimg="si43.gif" display="inline" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" \rangle$	1.9	35
49	Comparative Study of Modified Simulated Moving Bed Systems at Optimal Conditions for the Separation of Ternary Mixtures under Nonideal Conditions. <i>Industrial & Engineering Chemistry Research</i> , 2006, 45, 3902-3915.	1.8	22
50	Comparative Study of Modified Simulated Moving Bed Systems at Optimal Conditions for the Separation of Ternary Mixtures of Xylene Isomers. <i>Industrial & Engineering Chemistry Research</i> , 2006, 45, 6251-6265.	1.8	15
51	Synthesis of Y ₂ O ₃ Nanocrystals and the Effect of Nanocrystalline Y ₂ O ₃ Supports on Ni/Y ₂ O ₃ Catalysts for Oxidative Steam Reforming of Ethanol. <i>Chemistry Letters</i> , 2006, 35, 1308-1309.	0.7	12
52	Determination of competitive adsorption isotherm parameters of pindolol enantiomers on $\hat{\pm}$ 1-acid glycoprotein chiral stationary phase. <i>Journal of Chromatography A</i> , 2006, 1131, 176-184.	1.8	22
53	Ultra thin Pd membrane on $\hat{\pm}$ -Al ₂ O ₃ hollow fiber by electroless plating: High permeance and selectivity. <i>Journal of Membrane Science</i> , 2006, 284, 110-119.	4.1	63
54	Formation of mesoporous silica thin films on oxide substrates by casting. <i>Microporous and Mesoporous Materials</i> , 2006, 88, 254-265.	2.2	12

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55	Optimal operation of a Pseudo-SMB process for ternary separation under non-ideal conditions. Separation and Purification Technology, 2006, 51, 387-403.	3.9	31
56	Thermosensitive-polymer-coated magnetic nanoparticles: Adsorption and desorption of Bovine Serum Albumin. Journal of Colloid and Interface Science, 2006, 304, 1-8.	5.0	119
57	Improved performance for continuous separation of 1,1'-bi-2-naphthol racemate based on simulated moving bed technology. Separation and Purification Technology, 2005, 46, 168-191.	3.9	17
58	Selective and sequential adsorption of bovine serum albumin and lysozyme from a binary mixture on nanosized magnetic particles. Journal of Colloid and Interface Science, 2005, 281, 11-17.	5.0	35
59	High quality mesoporous materials prepared by supercritical fluid extraction: effect of curing treatment on their structural stability. Microporous and Mesoporous Materials, 2005, 80, 157-163.	2.2	17
60	Preparation of M41S family mesoporous silica thin films on porous oxides. Microporous and Mesoporous Materials, 2005, 82, 87-97.	2.2	24
61	Supercritical fluid extraction of the organic template from synthesized porous materials: effect of pore size. Journal of Supercritical Fluids, 2005, 35, 40-48.	1.6	23
62	Optimal design and operation of SMB bioreactor for sucrose inversion. Chemical Engineering Journal, 2005, 108, 19-33.	6.6	42
63	Optimization of reactive simulated moving bed and Varicol systems for hydrolysis of methyl acetate. Chemical Engineering Journal, 2005, 112, 57-72.	6.6	26
64	SYNTHESIS AND CHARACTERIZATION OF DOUBLE SURFACTANT COATED MAGNETIC PARTICLES. International Journal of Nanoscience, 2005, 04, 187-195.	0.4	1
65	Functionalized SBA-15 Materials as Carriers for Controlled Drug Delivery: Influence of Surface Properties on Matrix Drug Interactions. Langmuir, 2005, 21, 9568-9575.	1.6	606
66	Optimal Operation of an Industrial-Scale Parex Process for the Recovery of p-Xylene from a Mixture of C8 Aromatics. Industrial & Engineering Chemistry Research, 2005, 44, 5703-5714.	1.8	48
67	Preparation of Supported Mesoporous Thin Films Concerning Template Removal by Supercritical Fluid Extraction. Langmuir, 2005, 21, 1171-1174.	1.6	17
68	Extraction of cationic surfactant templates from mesoporous materials by CHOH-modified CO supercritical fluid. Talanta, 2005, 66, 943-951.	2.9	15
69	Enhancement of thermal and hydrothermal stability of MCM-41 by TiO ₂ deposition. Studies in Surface Science and Catalysis, 2004, 154, 856-862.	1.5	2
70	Effect of surface modifications on the adsorption and hydrothermal stability of MCM-41 material. Studies in Surface Science and Catalysis, 2004, 154, 453-460.	1.5	2
71	Naphthalene Oxidation over 1%Pt and 5%Co/Al ₂ O ₃ Catalysts: Reaction Intermediates and Possible Pathways. Catalysis Letters, 2004, 96, 87-96.	1.4	18
72	Optimal operating mode for enantioseparation of SB-553261 racemate based on simulated moving bed technology. Biotechnology and Bioengineering, 2004, 87, 704-722.	1.7	21

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73	Simple Hydrothermal Synthesis of Nanostructured and Nanorod Zn-Al Complex Oxides as Novel Nanocatalysts. <i>Advanced Materials</i> , 2004, 16, 541-545.	11.1	62
74	Simple Hydrothermal Synthesis of Nanostructured and Nanorod Zn-Al Complex Oxides as Novel Nanocatalysts.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
75	Microporosity of SBA-3 mesoporous molecular sieves. <i>Microporous and Mesoporous Materials</i> , 2004, 75, 231-235.	2.2	48
76	Adsorption of bovine serum albumin on nanosized magnetic particles. <i>Journal of Colloid and Interface Science</i> , 2004, 271, 277-283.	5.0	291
77	Reaction study of auto thermal steam reforming of methanol to hydrogen using a novel nano CuZnAl-catalyst. <i>Journal of Power Sources</i> , 2004, 131, 91-95.	4.0	31
78	Conformational change of adsorbed and desorbed bovine serum albumin on nano-sized magnetic particles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2004, 33, 15-21.	2.5	71
79	Adsorption and desorption of lysozyme on nano-sized magnetic particles and its conformational changes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2004, 35, 169-174.	2.5	61
80	Novel nanocrystalline Ga-Al-Zn complex oxide: catalyst for simultaneous treatment of NPAC and lean NOx. <i>Catalysis Today</i> , 2004, 98, 387-392.	2.2	3
81	Determination of adsorption and kinetic parameters for methyl acetate esterification and hydrolysis reaction catalyzed by Amberlyst 15. <i>Applied Catalysis A: General</i> , 2004, 260, 191-205.	2.2	102
82	Optimal design and operation of SMB bioreactor: production of high fructose syrup by isomerization of glucose. <i>Biochemical Engineering Journal</i> , 2004, 21, 111-121.	1.8	77
83	H3PW12O40-supported MCM-41 acid catalyst for the gas-phase synthesis of MTBE. <i>Studies in Surface Science and Catalysis</i> , 2004, , 2915-2922.	1.5	4
84	Multiobjective Optimization of Simulated Moving Bed Reactor and its Modification - Varicol Process. <i>Canadian Journal of Chemical Engineering</i> , 2004, 82, 590-598.	0.9	12
85	Optimization of Simulated Moving Bed and Varicol Processes for Glucose-Fructose Separation. <i>Chemical Engineering Research and Design</i> , 2003, 81, 549-567.	2.7	38
86	Extraction of 2-hydroxyphenol by surfactant coated nanosized magnetic particles. <i>Korean Journal of Chemical Engineering</i> , 2003, 20, 896-901.	1.2	7
87	Structure, morphology, and catalytic activity of β^2 zeolite synthesized in a fluoride medium for asymmetric hydrogenation. <i>Journal of Catalysis</i> , 2003, 219, 74-84.	3.1	60
88	Optimal operation of reactive simulated moving bed and Varicol systems. <i>Journal of Chemical Technology and Biotechnology</i> , 2003, 78, 287-293.	1.6	12
89	Optimization of reactive SMB and Varicol systems. <i>Computers and Chemical Engineering</i> , 2003, 27, 1883-1901.	2.0	50
90	Oxidative decomposition of naphthalene by supported metal catalysts. <i>Applied Catalysis A: General</i> , 2003, 250, 341-352.	2.2	53

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91	Modeling, Simulation, and Experimental Study of a Simulated Moving Bed Reactor for the Synthesis of Methyl Acetate Ester. <i>Industrial & Engineering Chemistry Research</i> , 2003, 42, 6743-6754.	1.8	42
92	Application of Multiobjective Optimization in the Design and Operation of Reactive SMB and Its Experimental Verification. <i>Industrial & Engineering Chemistry Research</i> , 2003, 42, 6823-6831.	1.8	32
93	Application of multi-objective optimization in the design of SMB in chemical process industry. <i>Computer Aided Chemical Engineering</i> , 2003, 15, 1118-1122.	0.3	0
94	Application of multiobjective optimization in the design of chiral drug separators based on SMB technology. <i>Computer Aided Chemical Engineering</i> , 2003, 14, 1145-1150.	0.3	0
95	Multiobjective Optimization of Simulated Countercurrent Moving Bed Chromatographic Reactor (SCMCR) for MTBE Synthesis. <i>Industrial & Engineering Chemistry Research</i> , 2002, 41, 3213-3232.	1.8	42
96	Multiobjective optimization of SMB and varicol process for chiral separation. <i>AIChE Journal</i> , 2002, 48, 2800-2816.	1.8	130
97	Effect of ZrO ₂ Loading on the Structure, Acidity, and Catalytic Activity of the SO ₄ ²⁻ /ZrO ₂ /MCM-41 Acid Catalyst. <i>Journal of Catalysis</i> , 2002, 205, 318-331.	3.1	91
98	Structure, Acidity, and Catalytic Activity of Mesoporous Acid Catalysts for the Gas-Phase Synthesis of MTBE from MeOH and ButOH. <i>Journal of Catalysis</i> , 2002, 209, 433-444.	3.1	63
99	Application of Simulated Countercurrent Moving-Bed Chromatographic Reactor for MTBE Synthesis. <i>Industrial & Engineering Chemistry Research</i> , 2001, 40, 5305-5316.	1.8	52
100	Improvement of the Hydrothermal Stability of Siliceous MCM-48 by Fluorination. <i>Chemistry Letters</i> , 2001, 30, 654-655.	0.7	23
101	06-P-26 - Mesostructural transformation in the presence of fluoride anions. <i>Studies in Surface Science and Catalysis</i> , 2001, , 205.	1.5	1
102	Combining the advantages of homogeneous and heterogeneous catalysis: rhodium complex on functionalized MCM-41 for the hydrogenation of arenes. <i>Journal of Molecular Catalysis A</i> , 2001, 168, 303-306.	4.8	26
103	Determination of Adsorption and Kinetic Parameters for Methyl tert-Butyl Ether Synthesis from tert-Butyl Alcohol and Methanol. <i>Journal of Catalysis</i> , 2001, 200, 209-221.	3.1	40
104	Adsorption and catalytic combustion of aromatics on platinum-supported MCM-41 materials. <i>Catalysis Today</i> , 2001, 68, 255-262.	2.2	67
105	Formation of Integrated MCM-41 Mesostructure in Fluoride Medium: An Improvement of Hydrothermal Stability. <i>Studies in Surface Science and Catalysis</i> , 2000, , 49-56.	1.5	5
106	Improvement of the hydrothermal stability of fluorinated MCM-41 material. <i>Materials Letters</i> , 2000, 42, 102-107.	1.3	56
107	A new class of hybrid mesoporous materials with functionalized organic monolayers for selective adsorption of heavy metal ions. <i>Chemical Communications</i> , 2000, , 1145-1146.	2.2	533
108	Synthesis of SO ₄ ²⁻ /ZrO ₂ /MCM-41 as a new superacid catalyst. <i>Chemical Communications</i> , 2000, , 2229-2230.	2.2	64

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109	An experimental study of oxidative coupling of methane in a solid oxide fuel cell with 1 wt% Sr/La ₂ O ₃ -Bi ₂ O ₃ -Ag-YSZ membrane. Korean Journal of Chemical Engineering, 1998, 15, 469-473.	1.2	13
110	Oxidative Coupling of Methane in a Solid Oxide Membrane Reactor. Industrial & Engineering Chemistry Research, 1997, 36, 3576-3582.	1.8	29
111	Solvent concentration dependence of solute distribution coefficient. AIChE Journal, 1995, 41, 1146-1152.	1.8	1
112	Preparative-scale liquid chromatographic separation of ω -3 fatty acids from fish oil sources. Journal of Chromatography A, 1995, 702, 215-221.	1.8	6
113	Interphase fluid-particle mass transport at low Reynolds numbers. Catalysis Letters, 1995, 30, 213-217.	1.4	4
114	Reversed-Phase HPLC: The Separation Method for the Characterization and Purification of Long Chain Polyunsaturated Fatty Acids—A Review. Journal of Chromatographic Science, 1995, 33, 9-21.	0.7	18
115	Electrochemically assisted metal uptake by cation exchange based chemically modified electrodes. Journal of Applied Electrochemistry, 1994, 24, 548-553.	1.5	5
116	Multicomponent separation using a column-switching chromatographic method. AIChE Journal, 1994, 40, 1843-1849.	1.8	10
117	Solvent Concentration Effects on Sorption and Diffusion of Cresols in β -Cyclodextrin-silicas. Journal of Chemical Engineering of Japan, 1994, 27, 118-123.	0.3	0
118	Liquid chromatographic studies for essential fatty acids on a commercial alkyl phenyl bonded silica column. Chromatographia, 1993, 35, 399-402.	0.7	6
119	Reversed Phase High Performance Liquid Chromatographic Studies for Homologous Series of Polyunsaturated Fatty Acids on a Commercial μ Bondapak Free Fatty Acid Column. Journal of Liquid Chromatography and Related Technologies, 1993, 16, 527-540.	0.9	6
120	Comparative study of flow schemes for a simulated countercurrent adsorption separation process. AIChE Journal, 1992, 38, 1744-1750.	1.8	54
121	Experimental and modeling studies on the transient behavior of a simulated countercurrent adsorber. Journal of Chemical Engineering of Japan, 1991, 24, 614-621.	0.3	18
122	Interfacial mass transfer in extraction of amino acid by Aliquat 336 in organic phase. Journal of Chemical Technology and Biotechnology, 1990, 48, 415-426.	1.6	22
123	Evaluation of Equilibrium and Kinetic Parameters of Smaller Molecular Size Amino Acids on KX Zeolite Crystals via Liquid Chromatographic Techniques. Separation Science and Technology, 1989, 24, 581-597.	1.3	48
124	Experimental study of a simulated counter-current adsorption system—III. Sorbex operation. Chemical Engineering Science, 1985, 40, 1411-1417.	1.9	94