

Saeid Azizian

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

138
papers

5,307
citations

37
h-index

69
g-index

141
ext. papers

6,027
ext. citations

5.3
avg, IF

6.68
L-index

#	Paper	IF	Citations
138	A bio-based 3D evaporator nanocomposite for highly efficient solar desalination. <i>Separation and Purification Technology</i> , 2022 , 284, 120278	8.3	3
137	Efficient photo-thermal conversion using Pt nanofluid prepared by laser ablation in liquid. <i>Solar Energy Materials and Solar Cells</i> , 2022 , 238, 111581	6.4	2
136	A magnetic porous organic polymer: catalytic application in the synthesis of hybrid pyridines with indole, triazole and sulfonamide moieties.. <i>RSC Advances</i> , 2022 , 12, 8804-8814	3.7	2
135	Fabrication of superhydrophobic-icephobic carbon cloth using polydimethylsiloxane for oil/water separation. <i>Journal of Molecular Liquids</i> , 2022 , 356, 119008	6	3
134	Experimental exploration of rheological behavior of polyethylene glycol-carbon dot nanofluid: Introducing a robust artificial intelligence paradigm optimized with unscented Kalman filter technique. <i>Journal of Molecular Liquids</i> , 2022 , 358, 119198	6	0
133	A super-extractant for denitrogenation of liquid fuel: Phosphonium based zwitterionic liquid. <i>Journal of Molecular Liquids</i> , 2021 , 326, 115326	6	1
132	Facile Approach to Conductive Polymer Microelectrodes for Flexible Electronics. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 21661-21668	9.5	5
131	Naturally Abundant Green Moss for Highly Efficient Solar Thermal Generation of Clean Water. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 31680-31690	9.5	9
130	Fabrication of highly hydrophobic sand@soot with core-shell structure and large-scale production possibility for oil/water separation. <i>Journal of Physics and Chemistry of Solids</i> , 2021 , 150, 109815	3.9	7
129	One-step fabrication of brass filter with reversible wettability by nanosecond fiber laser ablation for highly efficient oil/water separation. <i>Separation and Purification Technology</i> , 2021 , 259, 118139	8.3	12
128	Super-stable carbon quantum dots nanofluid for efficient solar-thermal conversion. <i>Energy Conversion and Management</i> , 2021 , 228, 113675	10.6	10
127	Fabrication of g-C3N4/Au nanocomposite using laser ablation and its application as an effective catalyst in the reduction of organic pollutants in water. <i>Ceramics International</i> , 2021 , 47, 3565-3572	5.1	23
126	Sulfur liquid marbles submerged in biphasic systems as microreactors for interfacial synthesis. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 620, 126551	5.1	1
125	Synthesis of triarylpyridines with sulfonate and sulfonamide moieties via a cooperative vinylogous anomeric-based oxidation. <i>Scientific Reports</i> , 2021 , 11, 16846	4.9	4
124	Synthesis of a durable and efficient superhydrophobic copper mesh coated by organosilica nano/microstructures for separating oil from water. <i>Surfaces and Interfaces</i> , 2021 , 27, 101464	4.1	0
123	Fe2O3/Ag/g-C3N4 Core-Discontinuous Shell Nanocomposite as an Indirect Z-Scheme Photocatalyst for Degradation of Ethylbenzene in the Air Under White LEDs Irradiation. <i>Catalysis Letters</i> , 2020 , 150, 3455-3469	2.8	6
122	Synthesis, characterization and catalytic application of tributyl(carboxymethyl)phosphonium bromotrichloroferrate as a new magnetic ionic liquid for the preparation of 2,3-dihydroquinazolin-4(1H)-ones and 4H-pyrimidobenzothiazoles. <i>Research on Chemical Intermediates</i> , 2020 , 46, 3345-3360	2.8	4

121	Applications of phosphonium-based ionic liquids in chemical processes. <i>Journal of the Iranian Chemical Society</i> , 2020 , 17, 1775-1917	2	27
120	Catalytic reduction of 4-nitrophenol on the surface of copper/copper oxide nanoparticles: a kinetics study. <i>Applied Nanoscience (Switzerland)</i> , 2020 , 10, 3827-3837	3.3	1
119	A Sharp Jump in Photocatalytic Activity of Elemental Sulfur for Dye Degradation in Alkaline Solution. <i>Photochemistry and Photobiology</i> , 2020 , 96, 1191-1199	3.6	4
118	A novel core-shell structured $\text{Fe}_2\text{O}_3/\text{Cu}/\text{g-C}_3\text{N}_4$ nanocomposite for continuous photocatalytic removal of air ethylbenzene under visible light irradiation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020 , 399, 112643	4.7	11
117	Extractive desulfurization of liquid fuel using diamine-terminated polyethylene glycol as a very low vapour pressure and green molecular solvent. <i>Royal Society Open Science</i> , 2020 , 7, 200803	3.3	5
116	Study of O/W emulsion stability in presence of SDS and graphitic carbon nitride (g-C ₃ N ₄) nanosheets. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 586, 124191	5.1	6
115	Preparation and Characterization of Polyvinylpyrrolidone/Polysulfone Ultrafiltration Membrane Modified by Graphene Oxide and Titanium Dioxide for Enhancing Hydrophilicity and Antifouling Properties. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020 , 30, 2213-2223	3.2	12
114	Laser-assisted preparation of Pd nanoparticles on carbon cloth for the degradation of environmental pollutants in aqueous medium. <i>Chemosphere</i> , 2020 , 246, 125755	8.4	49
113	Foam analysis of aqueous solution containing ion pair of methyl violet and SDS. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 587, 124338	5.1	6
112	Preparation of Robust Superhydrophobic Sand by Chemical Vapor Deposition of Polydimethylsiloxane for Oil/Water Separation. <i>Macromolecular Materials and Engineering</i> , 2020 , 305, 2000425	3.9	16
111	MgO nano-sheets for adsorption of anionic dyes from aqueous solution: Equilibrium and kinetics studies. <i>Surfaces and Interfaces</i> , 2020 , 21, 100722	4.1	3
110	Elemental Sulfur-Stabilized Liquid Marbles: Properties and Applications. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 43201-43211	9.5	9
109	Magnetic phosphonium ionic liquid: Application as a novel dual role acidic catalyst for synthesis of 2?-aminobenzothiazolomethylnaphthols and amidoalkyl naphthols. <i>Research on Chemical Intermediates</i> , 2020 , 46, 891-907	2.8	13
108	Microwave-assisted synthesis of carbon powder for rapid dye removal. <i>Materials Chemistry and Physics</i> , 2020 , 250, 123057	4.4	6
107	Efficient oil/water separation by superhydrophobic Cu ₂ S coated on copper mesh. <i>Separation and Purification Technology</i> , 2019 , 215, 573-581	8.3	50
106	Shape-Designable Liquid Marbles Stabilized by Gel Layer. <i>Langmuir</i> , 2019 , 35, 8950-8960	4	18
105	Uniform and stable electrophoretic deposition of graphene oxide on steel mesh: Low temperature thermal treatment for switching from superhydrophilicity to superhydrophobicity. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019 , 577, 323-332	5.1	15
104	Photocatalytic decomposition of VOCs by Ag ₂ O ₂ and EG ₂ O ₂ nanocomposites. <i>Clean Technologies and Environmental Policy</i> , 2019 , 21, 1259-1268	4.3	4

103	Advanced oil spill decontamination techniques. <i>Interface Science and Technology</i> , 2019 , 30, 283-332	2.3	7
102	A facile method for precipitating of dispersed carbon particles prepared by microwave heating and its application for dye removal. <i>Journal of Molecular Liquids</i> , 2019 , 275, 394-401	6	9
101	Effect of particle morphology on mechanical properties of liquid marbles. <i>Advanced Powder Technology</i> , 2019 , 30, 330-335	4.6	19
100	Simple and Low-Cost Setup for Measurement of the Density of a Liquid. <i>Journal of Chemical Education</i> , 2019 , 96, 175-179	2.4	2
99	Reply to Comment on Re-evaluation of the century-old Langmuir isotherm for modeling adsorption phenomena in solution [published by Salvestrini et al. [Chem. Phys. (2018)]]. <i>Chemical Physics</i> , 2019 , 517, 272	2.3	0
98	Reply to Comment on Re-evaluation of the century-old Langmuir isotherm for modeling adsorption phenomena in solution [published by Kopinke et al. [Chemical Physics (2018)]]. <i>Chemical Physics</i> , 2019 , 517, 268-269	2.3	1
97	Catalytic decomposition of Bismarck brown by nanostructured CuS in mild conditions. <i>Journal of Dispersion Science and Technology</i> , 2019 , 40, 112-118	1.5	
96	Can MoS ₂ nanosheets be used as adsorbent for water treatment?. <i>Separation and Purification Technology</i> , 2018 , 200, 23-28	8.3	15
95	Fabrication of an Oil Spill Collector Package by Using Polyurethane Foam Wrapped with Superhydrophobic ZnO Microrods/Carbon Cloth. <i>ChemPlusChem</i> , 2018 , 83, 455-462	2.8	21
94	Synthesis of nanomagnetic supported thiourea-copper(I) catalyst and its application in the synthesis of triazoles and benzamides. <i>Applied Organometallic Chemistry</i> , 2018 , 32, e3933	3.1	23
93	Alginate-Based Hydrogel Beads as a Biocompatible and Efficient Adsorbent for Dye Removal from Aqueous Solutions. <i>ACS Omega</i> , 2018 , 3, 15140-15148	3.9	55
92	Nanoporous Carbon Derived from MOF-5: A Superadsorbent for Copper Ions. <i>ACS Omega</i> , 2018 , 3, 16954-16959	3.9	53
91	Re-evaluation of the century-old Langmuir isotherm for modeling adsorption phenomena in solution. <i>Chemical Physics</i> , 2018 , 513, 99-104	2.3	131
90	Analysis of adsorption kinetics at solid/solution interface using a hyperbolic tangent model. <i>Journal of Molecular Liquids</i> , 2017 , 231, 523-527	6	26
89	Extension of classical adsorption rate equations using mass of adsorbent: A graphical analysis. <i>Separation and Purification Technology</i> , 2017 , 179, 304-308	8.3	15
88	Extractive desulfurization of liquid fuel by using a green, neutral and task specific phosphonium ionic liquid with glyceryl moiety: A joint experimental and computational study. <i>Fuel</i> , 2017 , 208, 214-222	7.1	64
87	Preparation of superhydrophobic and superoleophilic nanostructured layer on steel mesh for oil-water separation. <i>Separation and Purification Technology</i> , 2017 , 172, 366-373	8.3	84
86	Green fuel through green route by using a task-specific and neutral phosphonium ionic liquid: A joint experimental and theoretical study. <i>Chemical Engineering Journal</i> , 2017 , 309, 480-488	14.7	29

85	Effect of spacer length on the interfacial behavior of N,N'-bis(dimethylalkyl)-alkanediammonium dibromide gemini surfactants in the absence and presence of ZnO nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2017 , 486, 204-210	9.3	18
84	Catalytic degradation of methyl violet without light irradiation using nanostructured CuS. <i>Journal of Molecular Liquids</i> , 2016 , 224, 763-767	6	9
83	Study of copper ion adsorption from aqueous solution with different nanostructured and microstructured zinc oxides and zinc hydroxide loaded on activated carbon cloth. <i>Journal of Molecular Liquids</i> , 2016 , 214, 384-389	6	23
82	Separation of chromium (VI) from its liquid solution using new montmorillonite supported with amine based solvent. <i>Journal of Molecular Liquids</i> , 2016 , 215, 449-453	6	19
81	Applications of a novel nano magnetic catalyst in the synthesis of 1,8-dioxo-octahydroxanthene and dihydropyrano[2,3-c]pyrazole derivatives. <i>Journal of Molecular Catalysis A</i> , 2016 , 418-419, 54-67		52
80	A task-specific phosphonium ionic liquid as an efficient extractant for green desulfurization of liquid fuel: An experimental and computational study. <i>Chemical Engineering Journal</i> , 2016 , 295, 500-508	14.7	55
79	Optimization of dispersed carbon nanoparticles synthesis for rapid desulfurization of liquid fuel. <i>Petroleum Science</i> , 2016 , 13, 146-154	4.4	4
78	Green and simple synthesis of Ag nanoparticles loaded onto cellulosic fiber as efficient and low-cost catalyst for reduction of 4-nitrophenol. <i>Journal of Molecular Liquids</i> , 2016 , 214, 270-275	6	37
77	A new kinetic model for absorption of oil spill by porous materials. <i>Microporous and Mesoporous Materials</i> , 2016 , 230, 25-29	5.3	22
76	Preparation of nanostructured carbon covered sand for removal of methyl violet from water. <i>Journal of Molecular Liquids</i> , 2016 , 219, 909-913	6	13
75	Synergistic behaviour of ZnO nanoparticles and gemini surfactants on the dynamic and equilibrium oil/water interfacial tension. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 7122-9	3.6	30
74	Synthesis of Fe ₃ O ₄ flower-like hierarchical nanostructures with high adsorption performance toward dye molecules. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015 , 482, 438-446	5.1	16
73	Study on adsorption of copper ion from aqueous solution by MOF-derived nanoporous carbon. <i>Microporous and Mesoporous Materials</i> , 2015 , 217, 173-177	5.3	66
72	Synthesis of a Novel Highly Oleophilic and Highly Hydrophobic Sponge for Rapid Oil Spill Cleanup. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 25326-33	9.5	137
71	Adsorptive desulfurization using different passivated carbon nanoparticles by PEG-200. <i>Fuel Processing Technology</i> , 2015 , 130, 214-223	7.2	19
70	Novel Approaches in Designing Natural/Synthetic Materials for Environmental Applications. <i>Advances in Materials Science and Engineering</i> , 2015 , 2015, 1-1	1.5	2
69	Separation of Organic and Inorganic Compounds for Specific Applications. <i>Journal of Chemistry</i> , 2015 , 2015, 1-3	2.3	6
68	Adsorption of copper ion from aqueous solution by nanoporous MOF-5: A kinetic and equilibrium study. <i>Journal of Molecular Liquids</i> , 2015 , 206, 114-118	6	106

67	Synthesis of nanostructured and microstructured ZnO and Zn(OH) ₂ on activated carbon cloth by hydrothermal and microwave-assisted chemical bath deposition methods. <i>Superlattices and Microstructures</i> , 2015 , 81, 226-232	2.8	8
66	Synthesis of nanostructured ZnO loaded on carbon cloth as high potential adsorbent for copper ion. <i>Desalination and Water Treatment</i> , 2015 , 55, 596-603		2
65	Tin oxide nanoparticle loaded on activated carbon as new adsorbent for efficient removal of malachite green-oxalate: Non-linear kinetics and isotherm study. <i>Journal of Molecular Liquids</i> , 2014 , 195, 212-218	6	71
64	Fractal-Like Kinetics for Adsorption on Heterogeneous Solid Surfaces. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 1129-1134	3.8	77
63	Optimization of one-step and one-substrate synthesis of carbon nanodots by microwave pyrolysis. <i>RSC Advances</i> , 2014 , 4, 40907-40911	3.7	6
62	Synergistic effect of ZnO nanoparticles and triblock copolymer surfactant on the dynamic and equilibrium oil-water interfacial tension. <i>Soft Matter</i> , 2014 , 10, 6192-7	3.6	17
61	Effect of ZnO nanoparticles on the interfacial behavior of anionic surfactant at liquid/liquid interfaces. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014 , 457, 333-339	5.1	47
60	Rapid adsorption of binary dye pollutants onto the nanostructured mesoporous alumina. <i>Journal of Molecular Liquids</i> , 2014 , 199, 88-95	6	28
59	Preparation of Magnetic-Activated Carbon Nanocomposite and Its Application for Dye Removal from Aqueous Solution. <i>Journal of Dispersion Science and Technology</i> , 2014 , 35, 1264-1269	1.5	9
58	Polyethylene glycol as a green solvent for effective extractive desulfurization of liquid fuel at ambient conditions. <i>Fuel</i> , 2014 , 137, 36-40	7.1	95
57	Effect of ZnO nanoparticle and hexadecyltrimethylammonium bromide on the dynamic and equilibrium oil-water interfacial tension. <i>Journal of Physical Chemistry B</i> , 2014 , 118, 1527-34	3.4	47
56	Effect of aromatics on the adsorption of thiophenic sulfur compounds from model diesel fuel by activated carbon cloth. <i>Fuel Processing Technology</i> , 2014 , 119, 278-285	7.2	35
55	Enhanced adsorption of Cu ²⁺ from aqueous solution by Ag doped nano-structured ZnO. <i>Journal of Molecular Liquids</i> , 2014 , 196, 198-203	6	39
54	Preparation of activated carbon from date sphate using microwave irradiation and investigation of its capability for removal of dye pollutant from aqueous media. <i>Journal of Analytical and Applied Pyrolysis</i> , 2014 , 108, 176-184	6	38
53	Adsorption of Cu(II) from aqueous solution by micro-structured ZnO thin films. <i>Journal of Industrial and Engineering Chemistry</i> , 2014 , 20, 2439-2446	6.3	26
52	Synthesis of different nanostructured flower-like iron oxides and study of their performance as adsorbent. <i>Advanced Powder Technology</i> , 2014 , 25, 1578-1584	4.6	14
51	Photogeneration of Silver Nanoparticle Facilitated by Pluronic F127 Surfactant in Ethanolic Solution. <i>Journal of Dispersion Science and Technology</i> , 2014 , 35, 98-102	1.5	7
50	Adsorption of Bismarck Brown by Iron Oxide Nanosphere and Its Modified Form. <i>Journal of Dispersion Science and Technology</i> , 2014 , 35, 1135-1142	1.5	9

49	Adsorption of anionic dyes from aqueous solution by iron oxide nanospheres. <i>Journal of Industrial and Engineering Chemistry</i> , 2014 , 20, 2561-2567	6.3	44
48	Application of activated carbon as adsorbents for efficient removal of methylene blue: Kinetics and equilibrium study. <i>Journal of Industrial and Engineering Chemistry</i> , 2014 , 20, 2317-2324	6.3	153
47	An exponential kinetic model for adsorption at solid/solution interface. <i>Chemical Engineering Journal</i> , 2013 , 215-216, 65-71	14.7	59
46	Mixed Surface Reaction and Diffusion-Controlled Kinetic Model for Adsorption at the Solid/Solution Interface. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 8310-8317	3.8	73
45	Rapid photogeneration of silver nanoparticles in ethanolic solution: a kinetic study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013 , 101, 343-8	4.4	12
44	Adsorption of Pentafluorophenol onto Powdered, Granular, and Cloth Activated Carbons. <i>Journal of Dispersion Science and Technology</i> , 2012 , 33, 206-212	1.5	19
43	On the Adsorption of Some Catechol Derivatives from Aqueous Solutions onto Activated Carbon Cloth: Equilibrium and Kinetic Studies. <i>Journal of Dispersion Science and Technology</i> , 2012 , 33, 1629-1634 ^{1.5}	1.5	5
42	Rapid adsorption of anionic dyes by ordered nanoporous alumina. <i>Chemical Engineering Journal</i> , 2012 , 209, 589-596	14.7	30
41	Fractal-Like Adsorption Kinetics at the Solid/Solution Interface. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 13111-13119	3.8	113
40	Adsorption of 2,4-dichlorophenoxyacetic acid pesticide by graphitic carbon nanostructures prepared from biomasses. <i>Journal of Industrial and Engineering Chemistry</i> , 2012 , 18, 1796-1800	6.3	39
39	Enhancement of methyl violet removal by modification of TiO ₂ nanoparticles with AgI. <i>Journal of Industrial and Engineering Chemistry</i> , 2012 , 18, 2124-2128	6.3	33
38	Selective Desulfurization of Model Diesel Fuel by Carbon Nanoparticles as Adsorbent. <i>Industrial & Engineering Chemistry Research</i> , 2012 , 51, 14419-14427	3.9	13
37	Rapid and facile desulphurization of liquid fuel by carbon nanoparticles dispersed in aqueous phase. <i>Fuel</i> , 2012 , 95, 93-96	7.1	17
36	Removal of thiophenic compounds from liquid fuel by different modified activated carbon cloths. <i>Fuel Processing Technology</i> , 2012 , 93, 45-52	7.2	81
35	Adsorption of Cationic and Anionic Dyes onto the Activated Carbon Prepared from Grapevine Rhytidome. <i>Journal of Dispersion Science and Technology</i> , 2012 , 33, 846-853	1.5	27
34	Derivation of a new equation for prediction of the thin layer depth of the extended-Langmuir model for dilute binary mixtures. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011 , 378, 67-71	5.1	4
33	Derivation of a simple equation for close to equilibrium adsorption dynamics of surfactants at air/liquid interface using statistical rate theory. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011 , 380, 107-110	5.1	16
32	Microwave assisted preparation of efficient activated carbon from grapevine rhytidome for the removal of methyl violet from aqueous solution. <i>Journal of Analytical and Applied Pyrolysis</i> , 2011 , 92, 258-266	6	62

31	Kinetics of catalytic oxidation of benzoin to benzil by alumina supported active MnO ₂ . <i>Kinetics and Catalysis</i> , 2010 , 51, 244-249	1.5	5
30	A new empirical rate equation for adsorption kinetics at solid/solution interface. <i>Applied Surface Science</i> , 2010 , 256, 5153-5156	6.7	61
29	Adsorption of methyl violet onto granular activated carbon: Equilibrium, kinetics and modeling. <i>Chemical Engineering Journal</i> , 2009 , 146, 36-41	14.7	143
28	Derivation of Azizian-Volkov (AV)-isotherm based on statistical thermodynamics. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009 , 335, 28-32	5.1	10
27	A new isotherm for multisite occupancy adsorption of binary gaseous mixtures. <i>Langmuir</i> , 2009 , 25, 2309-12	4.1	10
26	Statistical Rate Theory Approach to Kinetics of Competitive Adsorption at the Solid/Solution Interface. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 10251-10255	3.8	37
25	Adsorption kinetics at the solid/solution interface: statistical rate theory at initial times of adsorption and close to equilibrium. <i>Langmuir</i> , 2008 , 24, 11669-76	4	74
24	Description of desorption kinetics at the solid/solution interface based on the statistical rate theory. <i>Langmuir</i> , 2008 , 24, 13013-8	4	22
23	Comments on Adsorption Equilibrium and Kinetics of Reactive Black 5 and Reactive Red 239 in Aqueous Solution onto Surfactant-Modified Zeolite (Karadag, D.; Turan, M.; Akgul, E.; Tok, S.; Faki, A. J. Chem. Eng. Data 2007 , 52, 1615-1620). <i>Journal of Chemical & Engineering Data</i> , 2008 , 53, 322-323	2.8	2
22	Surface Tension of Dilute Solutions of Alkanes in Cyclohexanol at Different Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2008 , 53, 2422-2425	2.8	11
21	Comments on Biosorption isotherms, kinetics and thermodynamics (review). <i>Separation and Purification Technology</i> , 2008 , 63, 249-250	8.3	12
20	A new isotherm for nondissociative gas adsorption with two different states of an adsorbate. <i>Chemical Physics Letters</i> , 2008 , 454, 409-414	2.5	12
19	Comment on "kinetics of solute adsorption at solid/solution interfaces: a theoretical development of the empirical pseudo-first and pseudo-second order kinetic rate equations, based on applying the statistical rate theory of interfacial transport". <i>Journal of Physical Chemistry B</i> , 2007 , 111, 318; discussion 319	3.4	6
18	Interfacial tension studies of crown ethers at air/water and hexane/water interfaces. <i>Journal of Colloid and Interface Science</i> , 2007 , 316, 25-30	9.3	14
17	Interfacial tension and wetting behavior of air/oil/ionic liquid systems. <i>Colloid and Polymer Science</i> , 2007 , 285, 1601-1605	2.4	22
16	Analysis of dynamic surface tension of tetraethyleneglycol monoethyl ether at air/water interface. <i>Colloid and Polymer Science</i> , 2007 , 285, 1699-1705	2.4	18
15	Extended geometric method: a simple approach to derive adsorption rate constants of Langmuir-Freundlich kinetics. <i>Chemosphere</i> , 2007 , 68, 2040-6	8.4	74
14	Surface phase transition of C12E1 at the air/water interface: a study by dynamic surface tension, external RA FT-IR, and 2D IR correlation methods. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 17034-42	3.4	18

13	Surface Properties of Dilute Solutions of Alkanes in Benzyl Alcohol. <i>Journal of Chemical & Engineering Data</i> , 2006 , 51, 56-59	2.8	16
12	Adsorption of 18-crown-6 from aqueous solution on granular activated carbon: a kinetic modeling study. <i>Journal of Colloid and Interface Science</i> , 2006 , 299, 112-5	9.3	48
11	A novel and simple method for finding the heterogeneity of adsorbents on the basis of adsorption kinetic data. <i>Journal of Colloid and Interface Science</i> , 2006 , 302, 76-81	9.3	63
10	Equilibrium Surface Tensions of Benzyl Alcohol + Ethylene Glycol Mixtures. <i>Journal of Chemical & Engineering Data</i> , 2005 , 50, 709-712	2.8	25
9	Surface Tensions of Dilute Solutions of Cycloheptanol in Ethylene Glycol. <i>Journal of Chemical & Engineering Data</i> , 2005 , 50, 1091-1094	2.8	14
8	Surface Tension of Dilute Solutions of Linear Alcohols in Benzyl Alcohol. <i>Journal of Chemical & Engineering Data</i> , 2005 , 50, 1303-1307	2.8	37
7	Surface properties of diluted solutions of cyclohexanol and cyclopentanol in ethylene glycol. <i>Journal of Colloid and Interface Science</i> , 2005 , 282, 428-33	9.3	27
6	Surface thermodynamic functions of dilute solutions of methylcyclohexanols in ethylene glycol. <i>Journal of Colloid and Interface Science</i> , 2005 , 286, 349-54	9.3	17
5	Kinetic models of sorption: a theoretical analysis. <i>Journal of Colloid and Interface Science</i> , 2004 , 276, 47-53	9.3	1491
4	Surface Properties of Pure Liquids and Binary Liquid Mixtures of Ethylene Glycol + Methylcyclohexanols. <i>Journal of Chemical & Engineering Data</i> , 2004 , 49, 1059-1063	2.8	20
3	Solubility of Benzophenone in Binary Alkane + Carbon Tetrachloride Solvent Mixtures. <i>Journal of Chemical & Engineering Data</i> , 2003 , 48, 1476-1478	2.8	4
2	Surface Tension of Binary Mixtures of Ethanol + Ethylene Glycol from 20 to 50 °C. <i>Journal of Chemical & Engineering Data</i> , 2003 , 48, 662-663	2.8	71
1	Synthesis of morpholinated and 8-hydroxyquinolinated silica gel and their application to water softening. <i>Green Chemistry</i> , 2002 , 4, 611-614	10	32