

Saeid Azizian

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7200371/saeid-azizian-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Kinetic models of sorption: a theoretical analysis. <i>Journal of Colloid and Interface Science</i> , 2004 , 276, 47-53	5.3	1491
137	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
136	Adsorption of methyl violet onto granular activated carbon: Equilibrium, kinetics and modeling. <i>Chemical Engineering Journal</i> , 2009 , 146, 36-41	14.7	143
135	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
134	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
133	Fractal-Like Adsorption Kinetics at the Solid/Solution Interface. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 13111-13119	3.8	113
132	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
131	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
130	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
129	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
128	Fractal-Like Kinetics for Adsorption on Heterogeneous Solid Surfaces. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 1129-1134	3.8	77
127	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
126	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
125	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
124	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
123	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
122	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

121	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
120	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
119	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
118	A new empirical rate equation for adsorption kinetics at solid/solution interface. <i>Applied Surface Science</i> , 2010 , 256, 5153-5156	6.7	61
117	An exponential kinetic model for adsorption at solid/solution interface. <i>Chemical Engineering Journal</i> , 2013 , 215-216, 65-71	14.7	59
116	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
115	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
114	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
113	Efficient oil/water separation by superhydrophobic CuxS coated on copper mesh. <i>Separation and Purification Technology</i> , 2019 , 215, 573-581	8.3	50
112	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
111	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
110	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
109	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
108	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
107	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
106	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
105	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
104	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

103	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
102	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
101	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
100	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
99	Synthesis of morpholinated and 8-hydroxyquinolinated silica gel and their application to water softening. <i>Green Chemistry</i> , 2002 , 4, 611-614	10	32
98	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
97	Rapid adsorption of anionic dyes by ordered nanoporous alumina. <i>Chemical Engineering Journal</i> , 2012 , 209, 589-596	14.7	30
96	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
95	Rapid adsorption of binary dye pollutants onto the nanostructured mesoporous alumina. <i>Journal of Molecular Liquids</i> , 2014 , 199, 88-95	6	28
94	Applications of phosphonium-based ionic liquids in chemical processes. <i>Journal of the Iranian Chemical Society</i> , 2020 , 17, 1775-1917	2	27
93	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
92	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
91	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
90	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
89	Equilibrium Surface Tensions of Benzyl Alcohol + Ethylene Glycol Mixtures. <i>Journal of Chemical & Engineering Data</i> , 2005 , 50, 709-712	2.8	25
88	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
87	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
86	Fabrication of g-C ₃ N ₄ /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

85	Nanoporous Carbon Derived from MOF-5: A Superadsorbent for Copper Ions. <i>ACS Omega</i> , 2018 , 3, 16954-16959	4.6	23
84	Description of desorption kinetics at the solid/solution interface based on the statistical rate theory. <i>Langmuir</i> , 2008 , 24, 13013-8	4	22
83	Interfacial tension and wetting behavior of air/oil/ionic liquid systems. <i>Colloid and Polymer Science</i> , 2007 , 285, 1601-1605	2.4	22
82	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
81	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
80	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
79	Adsorptive desulfurization using different passivated carbon nanoparticles by PEG-200. <i>Fuel Processing Technology</i> , 2015 , 130, 214-223	7.2	19
78	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
77	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
76	Effect of particle morphology on mechanical properties of liquid marbles. <i>Advanced Powder Technology</i> , 2019 , 30, 330-335	4.6	19
75	Shape-Designable Liquid Marbles Stabilized by Gel Layer. <i>Langmuir</i> , 2019 , 35, 8950-8960	4	18
74	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
73	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
72	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
71	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
70	Rapid and facile desulphurization of liquid fuel by carbon nanoparticles dispersed in aqueous phase. <i>Fuel</i> , 2012 , 95, 93-96	7.1	17
69	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
68	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, 438-445	5.1	16

67	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
66	Surface Properties of Dilute Solutions of Alkanes in Benzyl Alcohol. <i>Journal of Chemical & Engineering Data</i> , 2006 , 51, 56-59	2.8	16
65	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
64	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
63	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
62	Can MoS ₂ nanosheets be used as adsorbent for water treatment?. <i>Separation and Purification Technology</i> , 2018 , 200, 23-28	8.3	15
61	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
60	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
59	Surface Tensions of Dilute Solutions of Cycloheptanol in Ethylene Glycol. <i>Journal of Chemical & Engineering Data</i> , 2005 , 50, 1091-1094	2.8	14
58	Selective Desulfurization of Model Diesel Fuel by Carbon Nanoparticles as Adsorbent. <i>Industrial & Engineering Chemistry Research</i> , 2012 , 51, 14419-14427	3.9	13
57	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
56	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
55	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
54	Comments on Biosorption isotherms, kinetics and thermodynamics—review. <i>Separation and Purification Technology</i> , 2008 , 63, 249-250	8.3	12
53	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
52	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
51	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
50	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

49	A novel core-shell structured Fe ₂ O ₃ /Cu/g-C ₃ 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
48	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
47	A new isotherm for multisite occupancy adsorption of binary gaseous mixtures. <i>Langmuir</i> , 2009 , 25, 2309-12	4.1	10
46	Super-stable carbon quantum dots nanofluid for efficient solar-thermal conversion. <i>Energy Conversion and Management</i> , 2021 , 228, 113675	10.6	10
45	Catalytic degradation of methyl violet without light irradiation using nanostructured CuS. <i>Journal of Molecular Liquids</i> , 2016 , 224, 763-767	6	9
44	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
43	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
42	Elemental Sulfur-Stabilized Liquid Marbles: Properties and Applications. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 43201-43211	9.5	9
41	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
40	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
39	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
38	Advanced oil spill decontamination techniques. <i>Interface Science and Technology</i> , 2019 , 30, 283-332	2.3	7
37	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
36	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
35	Fe ₂ O ₃ /Ag/g-C ₃ N ₄ 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
34	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
33	Separation of Organic and Inorganic Compounds for Specific Applications. <i>Journal of Chemistry</i> , 2015 , 2015, 1-3	2.3	6
32	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

31	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
30	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
29	Microwave-assisted synthesis of carbon powder for rapid dye removal. <i>Materials Chemistry and Physics</i> , 2020 , 250, 123057	4.4	6
28	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
27	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
26	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
25	Facile Approach to Conductive Polymer Microelectrodes for Flexible Electronics. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 21661-21668	9.5	5
24	Photocatalytic decomposition of VOCs by AC ₃ SiO ₂ and EG ₃ SiO ₂ nanocomposites. <i>Clean Technologies and Environmental Policy</i> , 2019 , 21, 1259-1268	4.3	4
23	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, 3945-3960	2.8	4
22	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
21	Optimization of dispersed carbon nanoparticles synthesis for rapid desulfurization of liquid fuel. <i>Petroleum Science</i> , 2016 , 13, 146-154	4.4	4
20	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
19	Solubility of Benzophenone in Binary Alkane + Carbon Tetrachloride Solvent Mixtures. <i>Journal of Chemical & Engineering Data</i> , 2003 , 48, 1476-1478	2.8	4
18	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
17	A bio-based 3D evaporator nanocomposite for highly efficient solar desalination. <i>Separation and Purification Technology</i> , 2022 , 284, 120278	8.3	3
16	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
15	Fabrication of superhydrophobic-icephobic carbon cloth using polydimethylsiloxane for oil/water separation. <i>Journal of Molecular Liquids</i> , 2022 , 356, 119008	6	3
14	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

13	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
12	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
11	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
10	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
9	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
8	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
7	A super-extractant for denitrogenation of liquid fuel: Phosphonium based zwitterionic liquid. <i>Journal of Molecular Liquids</i> , 2021 , 326, 115326	6	1
6	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
5	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
4	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
3	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
2	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
1	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	