

Ahad Ghaemi

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Strontium hydroxide-modified nanoclay montmorillonite for CO ₂ capture: response surface methodology and adsorption mechanism. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 5311-5336.	3.3	10
2	Green imidazolium ionic liquid selectively facilitates Ce(III) ion transport through supported liquid membrane. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 4814-4829.	3.3	9
3	Efficiency increase in hypercrosslinked polymer based on polystyrene in CO ₂ adsorption process. <i>Polymer Bulletin</i> , 2022, 79, 3681-3702.	3.3	17
4	Hydrodynamic and mass transfer parameters for CO ₂ absorption into amine solutions and its blend with nano heavy metal oxides using a bubble column. <i>Separation Science and Technology</i> , 2022, 57, 555-570.	2.5	7
5	CO ₂ absorption into potassium hydroxide aqueous solution: experimental and modeling. <i>Heat and Mass Transfer</i> , 2022, 58, 365-381.	2.1	14
6	NiO and MgO/activated carbon as an efficient CO ₂ adsorbent: characterization, modeling, and optimization. <i>International Journal of Environmental Science and Technology</i> , 2022, 19, 727-746.	3.5	17
7	Potential of hypercrosslinked microporous polymer based on carbazole networks for Pb(II) ions removal from aqueous solutions. <i>Environmental Science and Pollution Research</i> , 2022, 29, 15040-15056.	5.3	6
8	Deep learning analysis of Ar, Xe, Kr, and O ₂ adsorption on Activated Carbon and Zeolites using ANN approach. <i>Chemical Engineering and Processing: Process Intensification</i> , 2022, 170, 108662.	3.6	18
9	Presence of activated carbon particles from waste walnut shell as a biosorbent in monoethanolamine (MEA) solution to enhance carbon dioxide absorption. <i>Heliyon</i> , 2022, 8, e08689.	3.2	19
10	Mean drop behavior in the standard liquid-liquid extraction systems on an L-shaped pulsed sieve-plate column: experiment and modeling. <i>RSC Advances</i> , 2022, 12, 4120-4134.	3.6	6
11	Eco-Friendly Deep Eutectic Solvents Blended with Diethanolamine Solution for Postcombustion CO ₂ Capture. <i>Energy & Fuels</i> , 2022, 36, 945-957.	5.1	10
12	Benzene-based hypercross-linked polymers as a highly efficient adsorbent for cadmium removal from aqueous solution. <i>International Journal of Environmental Science and Technology</i> , 2022, 19, 6315-6330.	3.5	10
13	Exploring of CO ₂ adsorption behavior by Carbazole-based hypercrosslinked polymeric adsorbent using deep learning and response surface methodology. <i>International Journal of Environmental Science and Technology</i> , 2022, 19, 8835-8856.	3.5	9
14	Experimental and RSM study of hypercrosslinked polystyrene in elimination of lead, cadmium and nickel ions in single and multi-component systems. <i>Chemical Engineering Research and Design</i> , 2022, 182, 410-427.	5.6	10
15	The role of surface chemistry on CO ₂ adsorption in biomass-derived porous carbons by experimental results and molecular dynamics simulations. <i>Scientific Reports</i> , 2022, 12, .	3.3	38
16	Adsorption Equilibrium, Thermodynamic, and Kinetic Study of O ₂ /N ₂ /CO ₂ on Functionalized Granular Activated Carbon. <i>ACS Omega</i> , 2022, 7, 18409-18426.	3.5	22
17	Removal of 4-nitrophenol using high performance magnetic graphene oxide nanocomposite: synthesis, characterization. <i>Journal of Porous Materials</i> , 2022, 29, 1853-1872.	2.6	3
18	Green self-activating synthesis system for porous carbons: Celery biomass wastes as a typical case for CO ₂ uptake with kinetic, equilibrium and thermodynamic studies. <i>Diamond and Related Materials</i> , 2022, 127, 109204.	3.9	14

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19	Piperazine impregnation on Zeolite 13X as a novel adsorbent for CO ₂ capture: experimental and modeling. <i>Chemical Engineering Communications</i> , 2021, 208, 1104-1120.	2.6	26
20	RSM and ANN modeling of hold up, slip, and characteristic velocities in standard systems using pulsed disc-and-doughnut contactor column. <i>Separation Science and Technology</i> , 2021, 56, 2734-2749.	2.5	26
21	Mass transfer study in eductor liquid-liquid extractor: Dimensional analysis and response surface methodology modeling. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2021, 16, e2604.	1.5	5
22	Studies on effective interaction parameters in extraction of Pr and Nd using Aliquat 336 from NdFeB magnet-leaching solution: Multiple response optimizations by desirability function. <i>Journal of Molecular Liquids</i> , 2021, 324, 115123.	4.9	9
23	Mass transfer coefficient for PZ + CO ₂ + H ₂ O system in a packed column. <i>Heat and Mass Transfer</i> , 2021, 57, 283-297.	2.1	3
24	Experimental investigation of uranium extraction from the industrial nuclear waste treatment plant by tri-butyl-phosphate. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 327, 1237-1249.	1.5	3
25	Utilizing RSM for experimental modeling of mass transfer coefficients in a perforated rotating disc contactor (PRDC). <i>Heat and Mass Transfer</i> , 2021, 57, 1395-1410.	2.1	9
26	Non-equilibrium modeling of CO ₂ reactive-absorption process using sodium hydroxide-ammonia-water solution in a packed bed column. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 2303-2314.	2.2	2
27	Comparison of Pb(II) Adsorption by Ground Granulated Blast-Furnace and Phosphorus Slags; Exploitation of RSM. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2021, 45, 899-911.	1.5	16
28	Cost-Effective Nanoporous Hypercross-linked Polymers Could Drastically Promote the CO ₂ Absorption Rate in Amine-Based Solvents, Improving Energy-Efficient CO ₂ Capture. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 3105-3114.	3.7	7
29	Utilization of response surface methodology, kinetic and thermodynamic studies on cadmium adsorption from aqueous solution by steel slag. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 3031-3045.	2.2	12
30	Evaluation of hyper-cross-linked polymers performances in the removal of hazardous heavy metal ions: A review. <i>Separation and Purification Technology</i> , 2021, 260, 118221.	7.9	60
31	Phase field analysis of binary mixtures with partially miscible components. <i>International Journal of Multiphase Flow</i> , 2021, 138, 103613.	3.4	0
32	A comparative study of radiation models on propane jet fires based on experimental and computational studies. <i>Heliyon</i> , 2021, 7, e07261.	3.2	4
33	Eco-friendly CO ₂ adsorbent by impregnation of diethanolamine in nanoclay montmorillonite. <i>Environmental Science and Pollution Research</i> , 2021, 28, 55754-55770.	5.3	13
34	The effect of solid adsorbents in Triethanolamine (TEA) solution for enhanced CO ₂ absorption rate. <i>Research on Chemical Intermediates</i> , 2021, 47, 4349-4368.	2.7	6
35	Piperazine-modified activated carbon as a novel adsorbent for CO ₂ capture: modeling and characterization. <i>Environmental Science and Pollution Research</i> , 2021, , 1.	5.3	13
36	Electrolyte solution of MDEA-PZ-TMS for CO ₂ absorption; response surface methodology and equilibrium modeling. <i>Environmental Technology and Innovation</i> , 2021, 23, 101619.	6.1	18

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37	Synthesis and characterization of Benzyl chloride-based hypercrosslinked polymers and its amine-modification as an adsorbent for CO ₂ capture. Environmental Technology and Innovation, 2021, 23, 101746.	6.1	30
38	Synthesis of polystyrene-based hyper-cross-linked polymers for Cd(II) ions removal from aqueous solutions: Experimental and RSM modeling. Journal of Hazardous Materials, 2021, 416, 125923.	12.4	36
39	Exploiting the performance of hyper-cross-linked polystyrene for removal of multi-component heavy metal ions from wastewaters. Journal of Environmental Chemical Engineering, 2021, 9, 105724.	6.7	27
40	Modeling of mass transfer coefficient using response surface methodology in a horizontal-vertical pulsed sieve-plate extraction column. Progress in Nuclear Energy, 2021, 139, 103885.	2.9	6
41	Development of Predictive Models for Activated Carbon Synthesis from Different Biomass for CO ₂ Adsorption Using Artificial Neural Networks. Industrial & Engineering Chemistry Research, 2021, 60, 13950-13966.	3.7	49
42	Hydrodynamic behavior of standard liquid-liquid systems in Oldshue-Rushton extraction column; RSM and ANN modeling. Chemical Engineering and Processing: Process Intensification, 2021, 168, 108559.	3.6	8
43	Experimental modeling and uncertainty analysis of dispersed phase holdup at flooding in a pulsed disc-doughnut column, case study: Response surface methodology and Monte-Carlo simulation. Progress in Nuclear Energy, 2021, 141, 103969.	2.9	3
44	Characterization of hypercrosslinked polymer adsorbent based on carbazole to achieve higher CO ₂ capture. Environmental Progress and Sustainable Energy, 2021, 40, e13586.	2.3	22
45	Elimination of lead from multi-component lead-nickel-cadmium solution using hyper-cross-linked polystyrene: Experimental and RSM modeling. Journal of Environmental Chemical Engineering, 2021, 9, 106579.	6.7	19
46	Biomass derived hierarchical porous carbon for high-performance O ₂ /N ₂ adsorption; a new green self-activation approach. RSC Advances, 2021, 11, 36125-36142.	3.6	33
47	Insights Into the Mass Transfer Mechanisms of Nanofluids: A CO ₂ Absorption Study. Energy & Fuels, 2021, 35, 20172-20184.	5.1	7
48	Synthesis methods of microporous organic polymeric adsorbents: a review. Polymer Chemistry, 2021, 12, 6962-6997.	3.9	11
49	Oxygen and nitrogen enriched pectin-derived micro-meso porous carbon for CO ₂ uptake. RSC Advances, 2021, 12, 546-560.	3.6	32
50	Nanoclay montmorillonite as an adsorbent for CO ₂ capture: Experimental and modeling. Journal of the Chinese Chemical Society, 2020, 67, 253-266.	1.4	22
51	Exploiting response surface methodology for experimental modeling and optimization of CO ₂ adsorption onto NaOH-modified nanoclay montmorillonite. Journal of Environmental Chemical Engineering, 2020, 8, 103663.	6.7	43
52	A New simplified calculation model of geometric thermal features of a vertical propane jet fire based on experimental and computational studies. Chemical Engineering Research and Design, 2020, 135, 301-314.	5.6	24
53	Analysis of deep learning neural network combined with experiments to develop predictive models for a propane vertical jet fire. Heliyon, 2020, 6, e05511.	3.2	19
54	Equilibrium and kinetics of praseodymium and neodymium extraction from NdFeB magnet-leaching solutions with [R ₄ N ⁺][NO ₃ ⁻] using single drop column. Journal of Molecular Liquids, 2020, 318, 114376.	4.9	13

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55	A new method for comparison thermal radiation on large-scale hydrogen and propane jet fires based on experimental and computational studies. <i>Fuel</i> , 2020, 282, 118864.	6.4	26
56	Mass Transfer Flux of CO ₂ into Methyl-diethanolamine Solution in a Reactive Absorption Process. <i>Chemical Engineering and Technology</i> , 2020, 43, 2083-2091.	1.5	10
57	CO ₂ , N ₂ , and H ₂ Adsorption by Hyper-Cross-Linked Polymers and Their Selectivity Evaluation by Gas-Solid Equilibrium. <i>Journal of Chemical & Engineering Data</i> , 2020, 65, 4905-4913.	1.9	41
58	CO ₂ Reactive Absorption into an Aqueous Blended MDEA and TMS Solution: Experimental and Modeling. <i>International Journal of Environmental Research</i> , 2020, 14, 347-363.	2.3	23
59	Numerical simulation of CO ₂ chemical absorption in a gas-liquid bubble column using the space-time CESE method. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104111.	6.7	5
60	CO ₂ absorption into aqueous diethanolamine solution with nano heavy metal oxide particles using stirrer bubble column: Hydrodynamics and mass transfer. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104110.	6.7	32
61	Efficient recovery of neodymium and praseodymium from NdFeB magnet-leaching phase with and without ionic liquid as a carrier in the supported liquid membrane. <i>Chemical Papers</i> , 2020, 74, 4193-4201.	2.2	14
62	High performance separation of gadolinium from samarium with the imidazolium ionic liquid through selective complexation of organophosphorus extractants. <i>Environmental Technology and Innovation</i> , 2020, 19, 100979.	6.1	10
63	Comparison of hydroxide-based adsorbents of Mg(OH) ₂ and Ca(OH) ₂ for CO ₂ capture: utilization of response surface methodology, kinetic, and isotherm modeling. , 2020, 10, 948-964.		31
64	Green biosynthesis of silver nanoparticles with <i>Eryngium caucasicum</i> Trautv aqueous extract. <i>Inorganic and Nano-Metal Chemistry</i> , 2020, 50, 429-436.	1.6	8
65	Experimental Modeling and Optimization of CO ₂ Absorption into Piperazine Solutions Using RSM-CCD Methodology. <i>ACS Omega</i> , 2020, 5, 8432-8448.	3.5	71
66	Mass transfer coefficient in the eductor liquid-liquid extraction column. <i>Chinese Journal of Chemical Engineering</i> , 2020, 40, 27-27.	3.5	2
67	Benzene-Based Hyper-Cross-Linked Polymer with Enhanced Adsorption Capacity for CO ₂ Capture. <i>Energy & Fuels</i> , 2019, 33, 12578-12586.	5.1	68
68	High Efficiency and Eco-Friendly TEPA-Functionalized Adsorbent with Enhanced Porosity for CO ₂ Capture. <i>Energy & Fuels</i> , 2019, 33, 11465-11476.	5.1	37
69	Hydroxide modified activated alumina as an adsorbent for CO ₂ adsorption: Experimental and modeling. <i>International Journal of Greenhouse Gas Control</i> , 2019, 88, 24-37.	4.6	54
70	High CO ₂ Adsorption on Amine-Functionalized Improved Mesoporous Silica Nanotube as an Eco-Friendly Nanocomposite. <i>Energy & Fuels</i> , 2019, 33, 5384-5397.	5.1	80
71	Piperazine-modified activated alumina as a novel promising candidate for CO ₂ capture: experimental and modeling. , 2019, 9, 37-51.		31
72	Nonequilibrium thermodynamic modeling of ternary fluid flows. <i>International Journal of Multiphase Flow</i> , 2019, 111, 310-314.	3.4	2

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73	A study on mean drop size and drop size distribution in an eductor liquid-liquid extractor. Separation and Purification Technology, 2018, 201, 205-213.	7.9	8
74	Experimental Investigation of the Effect of Nano Heavy Metal Oxide Particles in Piperazine Solution on CO ₂ Absorption Using a Stirrer Bubble Column. Energy & Fuels, 2018, 32, 2037-2052.	5.1	32
75	Experimental study on operating conditions of 2-ethylhexanol manufacturing process. Materials and Manufacturing Processes, 2018, 33, 829-834.	4.7	4
76	An experimental correlation for mass transfer flux of CO ₂ reactive absorption into aqueous MEA-PZ blended solution. Asia-Pacific Journal of Chemical Engineering, 2018, 13, e2250.	1.5	7
77	Reactive absorption of CO ₂ into Piperazine aqueous solution in a stirrer bubble column: Modeling and experimental. International Journal of Greenhouse Gas Control, 2018, 79, 91-116.	4.6	16
78	Exploiting response surface methodology (RSM) as a novel approach for the optimization of carbon dioxide adsorption by dry sodium hydroxide. Journal of the Chinese Chemical Society, 2018, 65, 1465-1475.	1.4	44
79	Use of axial dispersion model for determination of Sherwood number and mass transfer coefficients in a perforated rotating disc contactor. Chinese Journal of Chemical Engineering, 2017, 25, 53-61.	3.5	31
80	Effect of Bubble Injection Pattern on the Bubble Size Distribution in a Gas-Solid Fluidized Bed. Flow, Turbulence and Combustion, 2017, 98, 1133-1151.	2.6	2
81	Experimental study and modeling of CO ₂ absorption into diethanolamine solutions using stirrer bubble column. Chemical Engineering Research and Design, 2017, 121, 32-43.	5.6	26
82	Optimization of CO ₂ Capture Process from Simulated Flue Gas by Dry Regenerable Alkali Metal Carbonate Based Adsorbent Using Response Surface Methodology. Energy & Fuels, 2017, 31, 5286-5296.	5.1	52
83	Experimental investigation of CO ₂ removal using Piperazine solution in a stirrer bubble column. International Journal of Greenhouse Gas Control, 2017, 63, 226-240.	4.6	23
84	Hydrodynamic performance evaluation of a novel eductor liquid-liquid extractor using CFD modeling. Chemical Engineering Research and Design, 2017, 126, 19-31.	5.6	9
85	Synthesis of silver nanoparticles using <i>Peganum harmala</i> extract as a green route. Green Chemistry Letters and Reviews, 2017, 10, 420-427.	4.7	51
86	Mass transfer and thermodynamic modeling of carbon dioxide absorption into MEA aqueous solution. Polish Journal of Chemical Technology, 2017, 19, 75-82.	0.5	4
87	Investigation of Salt and precipitating agent effect on the specific surface area and compressive strength of alumina catalyst support. Polish Journal of Chemical Technology, 2017, 19, 35-40.	0.5	3
88	Experimental investigation of slip velocity and dispersed phase holdup in a K ₂ CO ₃ extraction column. Asia-Pacific Journal of Chemical Engineering, 2017, 12, 620-630.	1.5	10
89	Chemical absorption of CO ₂ into an aqueous piperazine (PZ) solution: development and validation of a rigorous dynamic rate-based model. RSC Advances, 2016, 6, 40017-40032.	3.6	43
90	Modeling and experimental study on the solubility and mass transfer of CO ₂ into aqueous DEA solution using a stirrer bubble column. RSC Advances, 2016, 6, 108075-108092.	3.6	29

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91	A bi-level formulation for DEA-based centralized resource allocation under efficiency constraints. Computers and Industrial Engineering, 2016, 93, 28-35.	6.3	20
92	Experimental investigation of CO ₂ capture using sodium hydroxide particles in a fluidized bed. Korean Journal of Chemical Engineering, 2016, 33, 1278-1285.	2.7	20
93	Experimental investigation of dispersed phase holdup and flooding characteristics in a multistage column extractor. Chemical Engineering Research and Design, 2016, 105, 177-187.	5.6	37
94	Experimental mass transfer coefficients in a pilot plant multistage column extractor. Chinese Journal of Chemical Engineering, 2016, 24, 989-999.	3.5	18
95	Simulation of CO ₂ capture using sodium hydroxide solid sorbent in a fluidized bed reactor by a multi-layer perceptron neural network. Journal of Natural Gas Science and Engineering, 2016, 31, 305-312.	4.4	15
96	Unified new correlation for prediction of dispersed phase holdup in agitated extraction columns. Separation and Purification Technology, 2016, 158, 275-285.	7.9	24
97	Drop behavior in a pilot plant Oldshue-Rushton extraction column for three various liquid-liquid systems. Separation and Purification Technology, 2016, 159, 7-17.	7.9	22
98	Holdup, characteristic velocity and slip velocity between two phases in a multi-impeller column for high/medium/low interfacial tension systems. Chemical Engineering and Processing: Process Intensification, 2016, 100, 65-78.	3.6	26
99	Mass transfer coefficients in a perforated rotating disc contactor (PRDC). Chemical Engineering and Processing: Process Intensification, 2016, 100, 19-25.	3.6	25
100	The effects of operating parameters on stage efficiency in an Oldshue-Rushton column. Chemical Industry and Chemical Engineering Quarterly, 2016, 22, 75-83.	0.7	8
101	A study of drop size distribution and mean drop size in a perforated rotating disc contactor (PRDC). Chemical Engineering Research and Design, 2015, 96, 54-62.	5.6	46
102	Dynamic heat and mass transfer modeling and control in carbon dioxide reactive absorption process. Heat and Mass Transfer, 2015, 51, 1131-1140.	2.1	10
103	CO ₂ chemical absorption into aqueous solutions of piperazine: modeling of kinetics and mass transfer rate. Journal of Natural Gas Science and Engineering, 2015, 26, 1059-1067.	4.4	31
104	Hold-up and flooding characteristics in a perforated rotating disc contactor (PRDC). RSC Advances, 2015, 5, 63025-63033.	3.6	31
105	Mass transfer performance in an Oldshue-Rushton column extractor. Chemical Engineering Research and Design, 2015, 100, 104-112.	5.6	22
106	Modeling of CO ₂ loading in aqueous solutions of piperazine: Application of an enhanced artificial neural network algorithm. Journal of Natural Gas Science and Engineering, 2015, 24, 18-25.	4.4	39
107	Removal of carbonate and oxalate pollutants in the Bayer process using thermal and chemical techniques. Hydrometallurgy, 2015, 154, 137-148.	4.3	20
108	Using maximum entropy approach for prediction of drop size distribution in a pilot plant multi-impeller extraction contactor. RSC Advances, 2015, 5, 95967-95980.	3.6	20

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109	Rigorous correlation for CO ₂ mass transfer flux in reactive absorption processes. International Journal of Greenhouse Gas Control, 2015, 42, 288-295.	4.6	15
110	Adsorption of cadmium (II) and nickel (II) on dolomite powder. Desalination and Water Treatment, 2015, 53, 149-157.	1.0	56
111	Characterization of Ag(I), Co(II) and Cu(II) removal process from aqueous solutions using dolomite powder. Korean Journal of Chemical Engineering, 2013, 30, 172-180.	2.7	29
112	Preparation of a Uranium Conversion Plant's Nuclear Waste for Final Disposal by Means of Magnetically Assisted Chemical Separation. International Journal of Chemoinformatics and Chemical Engineering, 2013, 3, 8-18.	0.1	0
113	A novel 3D supramolecular coordination polymer based on tetranuclear complex of lead(II) with terephthalic acid and 8-hydroxyquinolin, [Pb ₄ (8-Quin) ₄ (Tp) ₂ (DMF) ₂] _n . Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2012, 38, 646-650.	1.0	4
114	Prediction of mass transfer coefficients in a pulsed disc and doughnut extraction column. Canadian Journal of Chemical Engineering, 2012, 90, 1570-1578.	1.7	36
115	Kinetic and thermodynamic studies of uranium(VI) adsorption using Amberlite IRA-910 resin. Annals of Nuclear Energy, 2012, 39, 42-48.	1.8	140
116	Mass transfer performance in pulsed disc and doughnut extraction columns. Brazilian Journal of Chemical Engineering, 2011, 28, 447-456.	1.3	45
117	Flooding and drop size in a pulsed disc and doughnut extraction column. Chemical Engineering Research and Design, 2011, 89, 2742-2751.	5.6	75
118	Characterizations of strontium(II) and barium(II) adsorption from aqueous solutions using dolomite powder. Journal of Hazardous Materials, 2011, 190, 916-921.	12.4	224
119	Removal of strontium and barium from aqueous solutions by adsorption onto expanded perlite. Canadian Journal of Chemical Engineering, 2011, 89, 1247-1254.	1.7	61
120	Nonequilibrium dynamic modeling of simultaneous reactive absorption of gases. Journal of the Taiwan Institute of Chemical Engineers, 2011, 42, 173-179.	5.3	5
121	KINETICS AND ABSORPTION RATE OF CO ₂ INTO PARTIALLY CARBONATED AMMONIA SOLUTIONS. Chemical Engineering Communications, 2011, 198, 1169-1181.	2.6	14
122	Mass transfer coefficients in pulsed perforated-plate extraction columns. Brazilian Journal of Chemical Engineering, 2010, 27, 243-251.	1.3	18
123	Nonequilibrium dynamic modeling of carbon dioxide absorption by partially carbonated ammonia solutions. Chemical Engineering Journal, 2009, 149, 110-117.	12.7	36
124	NONEQUILIBRIUM MODELING OF REACTIVE ABSORPTION PROCESSES. Chemical Engineering Communications, 2009, 196, 1076-1089.	2.6	10
125	Prediction of Vapor-Liquid Equilibrium for Aqueous Solutions of Electrolytes Using Artificial Neural Networks. Journal of Applied Sciences, 2008, 8, 615-621.	0.3	5
126	Iron(III) octaethylporphyrin chloride supported on glassy carbon as an electrocatalyst for oxygen reduction. Journal of Electroanalytical Chemistry, 2004, 565, 115-120.	3.8	18

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127	Freezing-point-blackbody radiation sources for the 2978â€‘108462 Å°C temperature range. Applied Optics, 1996, 35, 2211.	2.1	6
128	Morphological resonances detected from a cluster of two microspheres. Optics Letters, 1994, 19, 156.	3.3	37
129	Polarization of microwave noise source radiation in the 30 GHz to 300 GHz range. Journal of Infrared, Millimeter and Terahertz Waves, 1988, 9, 1141-1151.	0.6	0
130	Response surface methodology study of dispersed phase holdup and mean droplet size in a perforated rotating disc contactors (PRDC). Separation Science and Technology, 0, , 1-13.	2.5	4
131	Optimization and modeling of carbon dioxide absorption into blended sulfolane and piperazine aqueous solution in a stirrer reactor. International Journal of Environmental Science and Technology, 0, , 1.	3.5	0
132	Preparation of a Uranium Conversion Plantâ€™s Nuclear Waste for Final Disposal by Means of Magnetically Assisted Chemical Separation. , 0, , 1483-1493.		0