

# Tien Vinh Nguyen

## List of Publications by Citations

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134  
papers

5,605  
citations

42  
h-index

72  
g-index

141  
ext. papers

7,361  
ext. citations

6.6  
avg, IF

6.71  
L-index

#	Paper	IF	Citations
134	Mistakes and inconsistencies regarding adsorption of contaminants from aqueous solutions: A critical review. <i>Water Research</i> , <b>2017</b> , 120, 88-116	12.5	1173
133	Thermodynamic parameters of cadmium adsorption onto orange peel calculated from various methods: A comparison study. <i>Journal of Environmental Chemical Engineering</i> , <b>2016</b> , 4, 2671-2682	6.8	318
132	Simultaneous adsorption of Cd, Cr, Cu, Pb, and Zn by an iron-coated Australian zeolite in batch and fixed-bed column studies. <i>Chemical Engineering Journal</i> , <b>2015</b> , 270, 393-404	14.7	184
131	Recent progress in the preparation, properties and applications of superhydrophobic nano-based coatings and surfaces: A review. <i>Progress in Organic Coatings</i> , <b>2019</b> , 132, 235-256	4.8	164
130	Insights into the mechanism of cationic dye adsorption on activated charcoal: The importance of $\pi$ -interactions. <i>Chemical Engineering Research and Design</i> , <b>2017</b> , 107, 168-180	5.5	149
129	Fast and efficient adsorption of methylene green 5 on activated carbon prepared from new chemical activation method. <i>Journal of Environmental Management</i> , <b>2017</b> , 188, 322-336	7.9	138
128	Innovative spherical biochar for pharmaceutical removal from water: Insight into adsorption mechanism. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 394, 122255	12.8	119
127	Removing ammonium from water using modified corncob-biochar. <i>Science of the Total Environment</i> , <b>2017</b> , 579, 612-619	10.2	118
126	Effect of pyrolysis temperatures and times on the adsorption of cadmium onto orange peel derived biochar. <i>Waste Management and Research</i> , <b>2016</b> , 34, 129-38	4	107
125	Adsorption mechanism of hexavalent chromium onto layered double hydroxides-based adsorbents: A systematic in-depth review. <i>Journal of Hazardous Materials</i> , <b>2019</b> , 373, 258-270	12.8	101
124	Polycyclic aromatic hydrocarbons in road-deposited sediments, water sediments, and soils in Sydney, Australia: Comparisons of concentration distribution, sources and potential toxicity. <i>Ecotoxicology and Environmental Safety</i> , <b>2014</b> , 104, 339-48	7	97
123	Efficient acetaminophen removal from water and hospital effluents treatment by activated carbons derived from Brazil nutshells. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2019</b> , 583, 123966	5.1	81
122	Effect of metal ions adsorption on the efficiency of methylene blue degradation onto MgFe <sub>2</sub> O <sub>4</sub> as Fenton-like catalysts. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2019</b> , 571, 17-26	5.1	75
121	Insight into the adsorption mechanism of cationic dye onto biosorbents derived from agricultural wastes. <i>Chemical Engineering Communications</i> , <b>2017</b> , 204, 1020-1036	2.2	72
120	Environmental threatening concern and efficient removal of pharmaceutically active compounds using metal-organic frameworks as adsorbents. <i>Environmental Research</i> , <b>2020</b> , 185, 109436	7.9	70
119	Efficient removal of copper and lead by Mg/Al layered double hydroxides intercalated with organic acid anions: Adsorption kinetics, isotherms, and thermodynamics. <i>Applied Clay Science</i> , <b>2018</b> , 154, 17-27	5.2	70
118	Adsorptive removal of five heavy metals from water using blast furnace slag and fly ash. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 20430-20438	5.1	70

117	SARS-CoV-2 coronavirus in water and wastewater: A critical review about presence and concern. <i>Environmental Research</i> , <b>2021</b> , 193, 110265	7.9	69
116	Removing nitrate from water using iron-modified Dowex 21K XLT ion exchange resin: Batch and fluidised-bed adsorption studies. <i>Separation and Purification Technology</i> , <b>2016</b> , 158, 62-70	8.3	67
115	Peanut shells-derived biochars prepared from different carbonization processes: Comparison of characterization and mechanism of naproxen adsorption in water. <i>Science of the Total Environment</i> , <b>2020</b> , 726, 137828	10.2	65
114	Efficient mercury removal from wastewater by pistachio wood wastes-derived activated carbon prepared by chemical activation using a novel activating agent. <i>Journal of Environmental Management</i> , <b>2018</b> , 223, 1001-1009	7.9	65
113	Comparison of the nonlinear and linear forms of the van't Hoff equation for calculation of adsorption thermodynamic parameters ( $\Delta G^\circ$ and $\Delta H^\circ$ ). <i>Journal of Molecular Liquids</i> , <b>2020</b> , 311, 113315	6	62
112	Activated carbons from golden shower upon different chemical activation methods: Synthesis and characterizations. <i>Adsorption Science and Technology</i> , <b>2018</b> , 36, 95-113	3.6	62
111	Arsenic removal by iron oxide coated sponge: experimental performance and mathematical models. <i>Journal of Hazardous Materials</i> , <b>2010</b> , 182, 723-9	12.8	59
110	Is one performing the treatment data of adsorption kinetics correctly?. <i>Journal of Environmental Chemical Engineering</i> , <b>2021</b> , 9, 104813	6.8	59
109	Insight into adsorption mechanism of cationic dye onto agricultural residues-derived hydrochars: Negligible role of $\pi$ -interaction. <i>Korean Journal of Chemical Engineering</i> , <b>2017</b> , 34, 1708-1720	2.8	56
108	Removal of ammonium from groundwater using NaOH-treated activated carbon derived from corncob wastes: Batch and column experiments. <i>Journal of Cleaner Production</i> , <b>2018</b> , 180, 560-570	10.3	55
107	Iron-impregnated granular activated carbon for arsenic removal: Application to practical column filters. <i>Journal of Environmental Management</i> , <b>2019</b> , 239, 235-243	7.9	52
106	A review on sludge dewatering indices. <i>Water Science and Technology</i> , <b>2016</b> , 74, 1-16	2.2	51
105	Adsorption property of Br-PADAP-impregnated multiwall carbon nanotubes towards uranium and its performance in the selective separation and determination of uranium in different environmental samples. <i>Ecotoxicology and Environmental Safety</i> , <b>2018</b> , 150, 136-143	7	50
104	Amino acids-intercalated Mg/Al layered double hydroxides as dual-electronic adsorbent for effective removal of cationic and oxyanionic metal ions. <i>Separation and Purification Technology</i> , <b>2018</b> , 192, 36-45	8.3	50
103	One-stage preparation of palm petiole-derived biochar: Characterization and application for adsorption of crystal violet dye in water. <i>Environmental Technology and Innovation</i> , <b>2020</b> , 19, 100872	7	50
102	Removal of hexavalent chromium from groundwater by Mg/Al-layered double hydroxides using characteristics of in-situ synthesis. <i>Environmental Pollution</i> , <b>2018</b> , 243, 620-629	9.3	48
101	Phosphate Adsorption by Silver Nanoparticles-Loaded Activated Carbon derived from Tea Residue. <i>Scientific Reports</i> , <b>2020</b> , 10, 3634	4.9	47
100	Foulant analysis of a reverse osmosis membrane used pretreated seawater. <i>Journal of Membrane Science</i> , <b>2013</b> , 428, 434-444	9.6	46

99	Efficient removal of anti-inflammatory from solution by Fe-containing activated carbon: Adsorption kinetics, isotherms, and thermodynamics. <i>Journal of Environmental Management</i> , <b>2019</b> , 238, 296-306	7.9	45
98	Single-step pyrolysis for producing magnetic activated carbon from tucum (Astrocaryum aculeatum) seed and nickel(II) chloride and zinc(II) chloride. Application for removal of nicotinamide and propranolol. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 398, 122903	12.8	45
97	Removal of heavy metals by leaves-derived biosorbents. <i>Environmental Chemistry Letters</i> , <b>2019</b> , 17, 755-766	7.9	45
96	Removal of various contaminants from water by renewable lignocellulose-derived biosorbents: a comprehensive and critical review. <i>Critical Reviews in Environmental Science and Technology</i> , <b>2019</b> , 49, 2155-2219	11.1	44
95	Heterogeneous catalyst ozonation of Direct Black 22 from aqueous solution in the presence of metal slags originating from industrial solid wastes. <i>Separation and Purification Technology</i> , <b>2020</b> , 233, 115961	8.3	44
94	Removal of organic matter from effluents by Magnetic Ion Exchange (MIEX). <i>Desalination</i> , <b>2011</b> , 276, 96-102	10.3	43
93	Surfactant modified zeolite as amphiphilic and dual-electronic adsorbent for removal of cationic and oxyanionic metal ions and organic compounds. <i>Ecotoxicology and Environmental Safety</i> , <b>2018</b> , 147, 55-63	7	42
92	Characteristics and mechanisms of cadmium adsorption onto biogenic aragonite shells-derived biosorbent: Batch and column studies. <i>Journal of Environmental Management</i> , <b>2019</b> , 241, 535-548	7.9	42
91	Simultaneous biohydrogen (H <sub>2</sub> ) and bioplastic (poly- $\epsilon$ -hydroxybutyrate-PHB) productions under dark, photo, and subsequent dark and photo fermentation utilizing various wastes. <i>International Journal of Hydrogen Energy</i> , <b>2020</b> , 45, 5840-5853	6.7	42
90	Adsorption and desorption of potentially toxic metals on modified biosorbents through new green grafting process. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 12808-12820	5.1	38
89	Supersorption Capacity of Anionic Dye by Newer Chitosan Hydrogel Capsules via Green Surfactant Exchange Method. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 3604-3614	8.3	38
88	Efficient Removal of Cr(VI) from Water by Biochar and Activated Carbon Prepared through Hydrothermal Carbonization and Pyrolysis: Adsorption-Coupled Reduction Mechanism. <i>Water (Switzerland)</i> , <b>2019</b> , 11, 1164	3	37
87	A detailed organic matter characterization of pretreated seawater using low pressure microfiltration hybrid systems. <i>Journal of Membrane Science</i> , <b>2013</b> , 428, 290-300	9.6	35
86	Effect of water washing pretreatment on property and adsorption capacity of macroalgae-derived biochar. <i>Journal of Environmental Management</i> , <b>2019</b> , 233, 165-174	7.9	35
85	Preparation of polyaminated Fe <sub>3</sub> O <sub>4</sub> @chitosan core-shell magnetic nanoparticles for efficient adsorption of phosphate in aqueous solutions. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2020</b> , 83, 235-246	6.3	34
84	Layered double hydroxides intercalated with sulfur-containing organic solutes for efficient removal of cationic and oxyanionic metal ions. <i>Applied Clay Science</i> , <b>2018</b> , 162, 443-453	5.2	33
83	Use of nanofiltration and reverse osmosis in reclaiming micro-filtered biologically treated sewage effluent for irrigation. <i>Desalination</i> , <b>2015</b> , 364, 119-125	10.3	29
82	Saccharide-derived microporous spherical biochar prepared from hydrothermal carbonization and different pyrolysis temperatures: synthesis, characterization, and application in water treatment. <i>Environmental Technology (United Kingdom)</i> , <b>2018</b> , 39, 2747-2760	2.6	28

81	Effect of nitric acid oxidation on the surface of hydrochars to sorb methylene blue: An adsorption mechanism comparison. <i>Adsorption Science and Technology</i> , <b>2019</b> , 37, 607-622	3.6	27
80	Submerged membrane (GAC) adsorption hybrid system in reverse osmosis concentrate treatment. <i>Separation and Purification Technology</i> , <b>2015</b> , 146, 8-14	8.3	26
79	Adsorption process and mechanism of acetaminophen onto commercial activated carbon. <i>Journal of Environmental Chemical Engineering</i> , <b>2020</b> , 8, 104408	6.8	26
78	Experimental evaluation of microfiltration-granular activated carbon (MF-GAC)/nano filter hybrid system in high quality water reuse. <i>Journal of Membrane Science</i> , <b>2015</b> , 476, 1-9	9.6	25
77	Roles of adsorption and photocatalysis in removing organic pollutants from water by activated carbon-supported titania composites: Kinetic aspects. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2020</b> , 109, 51-61	5.3	25
76	Submerged membrane hybrid systems as pretreatment in seawater reverse osmosis (SWRO): Optimisation and fouling mechanism determination. <i>Journal of Membrane Science</i> , <b>2012</b> , 411-412, 173-181	8.6	25
75	Biofouling potential reductions using a membrane hybrid system as a pre-treatment to seawater reverse osmosis. <i>Applied Biochemistry and Biotechnology</i> , <b>2012</b> , 167, 1716-27	3.2	23
74	Applying Activated Carbon Derived from Coconut Shell Loaded by Silver Nanoparticles to Remove Methylene Blue in Aqueous Solution. <i>Water, Air, and Soil Pollution</i> , <b>2018</b> , 229, 1	2.6	22
73	Effect of bentonite-mineral co-pyrolysis with macroalgae on physicochemical property and dye uptake capacity of bentonite/biochar composite. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2019</b> , 104, 106-113	5.3	21
72	Laterite as a low-cost adsorbent in a sustainable decentralized filtration system to remove arsenic from groundwater in Vietnam. <i>Science of the Total Environment</i> , <b>2020</b> , 699, 134267	10.2	21
71	Integration of SWAT and QUAL2K for water quality modeling in a data scarce basin of Cau River basin in Vietnam. <i>Ecohydrology and Hydrobiology</i> , <b>2019</b> , 19, 210-223	2.8	20
70	Removal of Copper, Lead, Methylene Green 5, and Acid Red 1 by Saccharide-Derived Spherical Biochar Prepared at Low Calcination Temperatures: Adsorption Kinetics, Isotherms, and Thermodynamics. <i>Water, Air, and Soil Pollution</i> , <b>2017</b> , 228, 1	2.6	19
69	Removing arsenic from water by coprecipitation with iron: Effect of arsenic and iron concentrations and adsorbent incorporation. <i>Chemosphere</i> , <b>2019</b> , 226, 431-438	8.4	17
68	Effect of granular activated carbon filter on the subsequent flocculation in seawater treatment. <i>Desalination</i> , <b>2014</b> , 354, 9-16	10.3	17
67	Thermodynamic parameters of liquid-phase adsorption process calculated from different equilibrium constants related to adsorption isotherms: A comparison study. <i>Journal of Environmental Chemical Engineering</i> , <b>2021</b> , 106674	6.8	17
66	Activated Carbons Derived from Teak Sawdust-Hydrochars for Efficient Removal of Methylene Blue, Copper, and Cadmium from Aqueous Solution. <i>Water (Switzerland)</i> , <b>2019</b> , 11, 2581	3	17
65	Simultaneous Determination of 18 Polycyclic Aromatic Hydrocarbons in Daily Foods (Hanoi Metropolitan Area) by Gas Chromatography-Tandem Mass Spectrometry. <i>Foods</i> , <b>2018</b> , 7,	4.9	17
64	Comment on Simultaneous and efficient removal of Cr(VI) and methyl orange on LDHs decorated porous carbons. <i>Chemical Engineering Journal</i> , <b>2019</b> , 359, 810-812	14.7	16

63	Activated carbon derived from spherical hydrochar functionalized with triethylenetetramine: synthesis, characterizations, and adsorption application. <i>Green Processing and Synthesis</i> , <b>2017</b> , 6,	3.9	15
62	Comments on Effect of Temperature on the Adsorption of Methylene Blue Dye onto Sulfuric Acid-Treated Orange Peel. <i>Chemical Engineering Communications</i> , <b>2017</b> , 204, 134-139	2.2	15
61	Enhanced adsorption of congo red from aqueous solution using chitosan/hematite nanocomposite hydrogel capsule fabricated via anionic surfactant gelation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 625, 126911	5.1	15
60	Performance of submerged membrane Ion exchange hybrid system with Purolite A502PS in treating reverse osmosis feed. <i>Separation and Purification Technology</i> , <b>2014</b> , 122, 24-31	8.3	14
59	Iron and zirconium modified luffa fibre as an effective bioadsorbent to remove arsenic from drinking water. <i>Chemosphere</i> , <b>2020</b> , 258, 127370	8.4	13
58	Cr(VI) Removal from Aqueous Solution Using a Magnetite Snail Shell. <i>Water, Air, and Soil Pollution</i> , <b>2020</b> , 231, 1	2.6	13
57	Modified centrifugal technique for determining polymer demand and achievable dry solids content in the dewatering of anaerobically digested sludge. <i>Desalination and Water Treatment</i> , <b>2016</b> , 57, 25509-25519		13
56	Effluent organic matter removal from reverse osmosis feed by granular activated carbon and purolite A502PS fluidized beds. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2014</b> , 20, 4499-4508	6.3	13
55	Ethanol CO <sub>2</sub> reforming on La <sub>2</sub> O <sub>3</sub> and CeO <sub>2</sub> -promoted Cu/Al <sub>2</sub> O <sub>3</sub> catalysts for enhanced hydrogen production. <i>International Journal of Hydrogen Energy</i> , <b>2020</b> , 45, 18398-18410	6.7	13
54	Treatment of biologically treated landfill leachate with forward osmosis: Investigating membrane performance and cleaning protocols. <i>Science of the Total Environment</i> , <b>2020</b> , 744, 140901	10.2	13
53	Contribution of the construction phase to environmental impacts of the wastewater treatment plant. <i>Science of the Total Environment</i> , <b>2020</b> , 743, 140658	10.2	12
52	Effluent organic matter removal by Purolite A500PS: Experimental performance and mathematical model. <i>Separation and Purification Technology</i> , <b>2012</b> , 98, 46-54	8.3	12
51	Removing arsenic from water with an original and modified natural manganese oxide ore: batch kinetic and equilibrium adsorption studies. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 5490-5502	5.1	12
50	Increase in volatilization of organic compounds using air sparging through addition in alcohol in a soil-water system. <i>Journal of Hazardous Materials</i> , <b>2018</b> , 344, 942-949	12.8	12
49	Effect of Cr Doping on Visible-Light-Driven Photocatalytic Activity of ZnO Nanoparticles. <i>Journal of Electronic Materials</i> , <b>2019</b> , 48, 7378-7388	1.9	11
48	Facile magnetic biochar production route with new goethite nanoparticle precursor. <i>Science of the Total Environment</i> , <b>2020</b> , 717, 137091	10.2	11
47	Submerged membrane coagulation hybrid system as pretreatment to organic matter removal from seawater. <i>Water Science and Technology: Water Supply</i> , <b>2011</b> , 11, 352-357	1.4	11
46	Highly efficient removal of hazardous aromatic pollutants by micro-nano spherical carbons synthesized from different chemical activation methods: a comparison study. <i>Environmental Technology (United Kingdom)</i> , <b>2019</b> , 40, 1376-1391	2.6	10

45	Degradation of Paracetamol by an UV/Chlorine Advanced Oxidation Process: Influencing Factors, Factorial Design, and Intermediates Identification. <i>International Journal of Environmental Research and Public Health</i> , <b>2018</b> , 15,	4.6	10
44	Adsorption and removal of arsenic from water by iron ore mining waste. <i>Water Science and Technology</i> , <b>2009</b> , 60, 2301-8	2.2	9
43	Comments on "Characterization and adsorption capacity of raw pomegranate peel biosorbent for copper removal" <i>Journal of Cleaner Production</i> , <b>2017</b> , 144, 553-558	10.3	8
42	Comments on "High-efficiency removal of dyes from wastewater by fully recycling litchi peel biochar". <i>Chemosphere</i> , <b>2020</b> , 257, 126444	8.4	8
41	Removing arsenate from water using modified manganese oxide ore: Column adsorption and waste management. <i>Journal of Environmental Chemical Engineering</i> , <b>2020</b> , 8, 104491	6.8	8
40	Effects of extracellular polymeric substance fractions on polyacrylamide demand and dewatering performance of digested sludges. <i>Separation and Purification Technology</i> , <b>2020</b> , 239, 116557	8.3	7
39	Arsenic waste from water treatment systems: characteristics, treatments and its disposal. <i>Water Science and Technology: Water Supply</i> , <b>2014</b> , 14, 939-950	1.4	7
38	Adsorption process of naproxen onto peanut shell-derived biosorbent: important role of π-π interaction and van der Waals force. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2021</b> , 96, 869-880	7.5	7
37	Adsorption: Fundamental aspects and applications of adsorption for effluent treatment <b>2021</b> , 41-88		7
36	Comment on "removal of hexavalent chromium by biochar supported nZVI composite: Batch and fixed-bed column evaluations, mechanisms, and secondary contamination prevention". <i>Chemosphere</i> , <b>2019</b> , 233, 988-990	8.4	6
35	Application of Fusarium sp. immobilized on multi-walled carbon nanotubes for solid-phase extraction and trace analysis of heavy metal cations. <i>Food Chemistry</i> , <b>2020</b> , 322, 126757	8.5	6
34	Pretreatment for seawater desalination by flocculation: Performance of modified poly ferric silicate (PFSi) and ferric chloride as flocculants. <i>Desalination</i> , <b>2011</b> , 283, 106-110	10.3	6
33	Dual-Electronic Nanomaterial (Synthetic Clay) for Effective Removal of Toxic Cationic and Oxyanionic Metal Ions from Water. <i>Journal of Nanomaterials</i> , <b>2020</b> , 2020, 1-11	3.2	6
32	Novel methodologies for determining a suitable polymer for effective sludge dewatering. <i>Journal of Environmental Chemical Engineering</i> , <b>2018</b> , 6, 4206-4214	6.8	6
31	Adsorption and photocatalytic degradation of methylene blue by titanium dioxide nanotubes at different pH conditions. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , <b>2019</b> , 10, 045011	11.6	5
30	Ti-salt flocculation for dissolved organic matter removal in seawater. <i>Desalination and Water Treatment</i> , <b>2013</b> , 51, 3591-3596		5
29	Arsenic removal by iron oxide coated sponge: treatment and waste management. <i>Water Science and Technology</i> , <b>2009</b> , 60, 1489-95	2.2	5
28	Performance of mediator-less double chamber microbial fuel cell-based biosensor for measuring biological chemical oxygen. <i>Journal of Environmental Management</i> , <b>2020</b> , 276, 111279	7.9	5

27	Sorption and mechanism studies of Cu, Sr and Pb ions on mesoporous aluminosilicates/zeolite composite sorbents. <i>Water Science and Technology</i> , <b>2020</b> , 82, 984-997	2.2	5
26	Deleterious effects of soluble extracellular polymeric substances on polyacrylamide demand for conditioning of anaerobically digested sludge. <i>Journal of Environmental Chemical Engineering</i> , <b>2019</b> , 7, 102941	6.8	4
25	Organic matter removal from biologically treated sewage effluent by flocculation and oxidation coupled with flocculation. <i>Desalination and Water Treatment</i> , <b>2011</b> , 32, 133-137		4
24	Sustainable Biochar Derived from Agricultural Wastes for Removal of Methylene Green 5 from Aqueous Solution: Adsorption Kinetics, Isotherms, Thermodynamics, and Mechanism Analysis <b>2017</b> , 255-292		4
23	Multi-membrane formation in chitosan hydrogel shell by the addition of goethite nanoparticles. <i>Carbohydrate Polymers</i> , <b>2020</b> , 229, 115543	10.3	4
22	Removing arsenate from water using batch and continuous-flow electrocoagulation with diverse power sources. <i>Journal of Water Process Engineering</i> , <b>2021</b> , 41, 102028	6.7	4
21	Single-step removal of arsenite ions from water through oxidation-coupled adsorption using Mn/Mg/Fe layered double hydroxide as catalyst and adsorbent.. <i>Chemosphere</i> , <b>2021</b> , 133370	8.4	4
20	Metal-Loaded Carbonated Mesoporous Calcium Silicates: Synthesis, Characterization, and Application for Diclofenac Removal from Water. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2019</b> , 58, 22084-22093	3.9	3
19	Composites derived from synthetic clay and carbon sphere: Preparation, characterization, and application for dye decontamination. <i>Korean Journal of Chemical Engineering</i> , <b>2022</b> , 39, 1053	2.8	3
18	Low-cost laterite-laden household filters for removing arsenic from groundwater in Vietnam and waste management. <i>Chemical Engineering Research and Design</i> , <b>2021</b> , 152, 154-163	5.5	3
17	Comments on "Fast and efficient removal of Cr(VI) to ppb level together with Cr(III) sequestration in water using layered double hydroxide intercalated with diethyldithiocarbamate". <i>Science of the Total Environment</i> , <b>2020</b> , 746, 139854	10.2	2
16	Removal of natural organic matter at the Gunbower water treatment plant in northern Victoria, Australia. <i>Desalination and Water Treatment</i> , <b>2016</b> , 57, 9061-9069		2
15	The performance of contact flocculation-filtration as pretreatment of seawater reverse osmosis. <i>Desalination and Water Treatment</i> , <b>2012</b> , 43, 246-252		2
14	Gold nanoparticles from <i>Celastrus hindsii</i> and H <sub>2</sub> AuCl <sub>4</sub> : Green synthesis, characteristics, and their cytotoxic effects on HeLa cells. <i>Green Processing and Synthesis</i> , <b>2021</b> , 10, 73-84	3.9	2
13	Comment on "Puffed Rice Carbon with Coupled Sulfur and Metal Iron for High-Efficiency Mercury Removal in Aqueous Solution". <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 7725-7726	10.3	1
12	Leaf Biosorbents for the Removal of Heavy Metals. <i>Environmental Chemistry for A Sustainable World</i> , <b>2018</b> , 87-126	0.8	1
11	Removal of effluent organic matter by purolite fluidised bed and submerged membrane hybrid system. <i>Desalination and Water Treatment</i> , <b>2011</b> , 32, 194-200		1
10	Porous cellulose acetate mixed-matrix membrane adsorbents for efficient clearance of p-cresol and creatinine from synthetic serum. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2022</b> , 104199	5.3	1



9	Removing ammonium from contaminated water using Purolite C100E: batch, column, and household filter studies. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 1	5.1	1
8	Two strains of <i>Luteovulum sphaeroides</i> (purple nonsulfur bacteria) promote rice cultivation in saline soils by increasing available phosphorus. <i>Rhizosphere</i> , <b>2021</b> , 20, 100456	3.5	1
7	Comment on "Removal of Cr from tanning effluents by adsorption onto phosphate mine waste: Key parameters and mechanisms". <i>Journal of Hazardous Materials</i> , <b>2021</b> , 401, 123358	12.8	1
6	Stable dispersion of graphene oxide/polymer nanocomposite for enhanced oil recovery application in high-temperature offshore reservoirs. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 628, 127343	5.1	1
5	Nano-sized hematite-assembled carbon spheres for effectively adsorbing paracetamol in water: Important role of iron.. <i>Korean Journal of Chemical Engineering</i> , <b>2022</b> , 1-10	2.8	0
4	Comment on Super-adsorbent hydrogel for removal of methylene blue dye from aqueous solution by X.-S. Hu, R. Liang and G. Sun, <i>J. Mater. Chem. A</i> , 2018, 6, 17612-17624. <i>Journal of Materials Chemistry A</i> , <b>2022</b> , 10, 6809-6814	13	0
3	Comments on "Removal of methylene blue dye using nano zerovalent iron, nanoclay and iron impregnated nanoclay - a comparative study" by M. M. Tarekegn, R. M. Balakrishnan, A. M. Hiruy and A. H. Dekebo, , 2021, , 30109.. <i>RSC Advances</i> , <b>2022</b> , 12, 5769-5771	3.7	0
2	Arsenic adsorption by low-cost laterite column: Long-term experiments and dynamic column modeling. <i>Chemical Engineering Research and Design</i> , <b>2022</b> , 160, 868-875	5.5	0
1	Meet the Associate Editorial Board Member. <i>Current Analytical Chemistry</i> , <b>2021</b> , 17, 1211-1212	1.7	