Tien Vinh Nguyen

List of Publications by Year in Descending Order

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	Porous cellulose acetate mixed-matrix membrane adsorbents for efficient clearance of p-cresol and creatinine from synthetic serum. *Journal of the Taiwan Institute of Chemical Engineers*, **2022**, 104199	5.3	1
133	Nano-sized hematite-assembled carbon spheres for effectively adsorbing paracetamol in water: Important role of iron.. *Korean Journal of Chemical Engineering*, **2022**, 1-10	2.8	0
132	Composites derived from synthetic clay and carbon sphere: Preparation, characterization, and application for dye decontamination. *Korean Journal of Chemical Engineering*, **2022**, 39, 1053	2.8	3
131	Comment on Super-adsorbent hydrogel for removal of methylene blue dye from aqueous solution by X.-S. Hu, R. Liang and G. Sun, J. Mater. Chem. A, 2018, 6, 17612–17624. *Journal of Materials Chemistry A*, **2022**, 10, 6809-6814	13	0
130	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.. *RSC Advances*, **2022**, 12, 5769-5771	3.7	0
129	Arsenic adsorption by low-cost laterite column: Long-term experiments and dynamic column modeling. *Chemical Engineering Research and Design*, **2022**, 160, 868-875	5.5	0
128	Removing ammonium from contaminated water using Purolite C100E: batch, column, and household filter studies. *Environmental Science and Pollution Research*, **2021**, 1	5.1	1
127	Meet the Associate Editorial Board Member. *Current Analytical Chemistry*, **2021**, 17, 1211-1212	1.7	
126	Thermodynamic parameters of liquid–phase adsorption process calculated from different equilibrium constants related to adsorption isotherms: A comparison study. *Journal of Environmental Chemical Engineering*, **2021**, 106674	6.8	17
125	Two strains of Luteovulum sphaeroides (purple nonsulfur bacteria) promote rice cultivation in saline soils by increasing available phosphorus. *Rhizosphere*, **2021**, 20, 100456	3.5	1
124	Removing arsenate from water using batch and continuous-flow electrocoagulation with diverse power sources. *Journal of Water Process Engineering*, **2021**, 41, 102028	6.7	4
123	Comment on "Removal of Cr from tanning effluents by adsorption onto phosphate mine waste: Key parameters and mechanisms". *Journal of Hazardous Materials*, **2021**, 401, 123358	12.8	1
122	SARS-CoV-2 coronavirus in water and wastewater: A critical review about presence and concern. *Environmental Research*, **2021**, 193, 110265	7.9	69
121	Is one performing the treatment data of adsorption kinetics correctly?. *Journal of Environmental Chemical Engineering*, **2021**, 9, 104813	6.8	59
120	Adsorption process of naproxen onto peanut shell-derived biosorbent: important role of n– interaction and van der Waals force. *Journal of Chemical Technology and Biotechnology*, **2021**, 96, 869-880	3.5	7
119	Adsorption: Fundamental aspects and applications of adsorption for effluent treatment **2021**, 41-88		7
118	Gold nanoparticles from Celastrus hindsii and HAuCl4: Green synthesis, characteristics, and their cytotoxic effects on HeLa cells. *Green Processing and Synthesis*, **2021**, 10, 73-84	3.9	2

117	Low-cost laterite-laden household filters for removing arsenic from groundwater in Vietnam and waste management. *Chemical Engineering Research and Design*, **2021**, 152, 154-163	5.5	3
116	Enhanced adsorption of congo red from aqueous solution using chitosan/hematite nanocomposite hydrogel capsule fabricated via anionic surfactant gelation. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2021**, 625, 126911	5.1	15
115	Stable dispersion of graphene oxide□opolymer nanocomposite for enhanced oil recovery application in high-temperature offshore reservoirs. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2021**, 628, 127343	5.1	1
114	Single-step removal of arsenite ions from water through oxidation-coupled adsorption using Mn/Mg/Fe layered double hydroxide as catalyst and adsorbent.. *Chemosphere*, **2021**, 133370	8.4	4
113	Comments on "Fast and efficient removal of Cr(VI) to ppb level together with Cr(III) sequestration in water using layered double hydroxide interclated with diethyldithiocarbamate". *Science of the Total Environment*, **2020**, 746, 139854	10.2	2
112	Comparison of the nonlinear and linear forms of the van't Hoff equation for calculation of adsorption thermodynamic parameters (□ and □). *Journal of Molecular Liquids*, **2020**, 311, 113315	6	62
111	Iron and zirconium modified luffa fibre as an effective bioadsorbent to remove arsenic from drinking water. *Chemosphere*, **2020**, 258, 127370	8.4	13
110	Comment on "Puffed Rice Carbon with Coupled Sulfur and Metal Iron for High-Efficiency Mercury Removal in Aqueous Solution". *Environmental Science & Technology*, **2020**, 54, 7725-7726	10.3	1
109	Peanut shells-derived biochars prepared from different carbonization processes: Comparison of characterization and mechanism of naproxen adsorption in water. *Science of the Total Environment*, **2020**, 726, 137828	10.2	65
108	Facile magnetic biochar production route with new goethite nanoparticle precursor. *Science of the Total Environment*, **2020**, 717, 137091	10.2	11
107	Contribution of the construction phase to environmental impacts of the wastewater treatment plant. *Science of the Total Environment*, **2020**, 743, 140658	10.2	12
106	Innovative spherical biochar for pharmaceutical removal from water: Insight into adsorption mechanism. *Journal of Hazardous Materials*, **2020**, 394, 122255	12.8	119
105	Phosphate Adsorption by Silver Nanoparticles-Loaded Activated Carbon derived from Tea Residue. *Scientific Reports*, **2020**, 10, 3634	4.9	47
104	Effects of extracellular polymeric substance fractions on polyacrylamide demand and dewatering performance of digested sludges. *Separation and Purification Technology*, **2020**, 239, 116557	8.3	7
103	Cr(VI) Removal from Aqueous Solution Using a Magnetite Snail Shell. *Water, Air, and Soil Pollution*, **2020**, 231, 1	2.6	13
102	Comments on "High-efficiency removal of dyes from wastewater by fully recycling litchi peel biochar". *Chemosphere*, **2020**, 257, 126444	8.4	8
101	Environmental threatening concern and efficient removal of pharmaceutically active compounds using metal-organic frameworks as adsorbents. *Environmental Research*, **2020**, 185, 109436	7.9	70
100	Application of Fusarium sp. immobilized on multi-walled carbon nanotubes for solid-phase extraction and trace analysis of heavy metal cations. *Food Chemistry*, **2020**, 322, 126757	8.5	6

99	Roles of adsorption and photocatalysis in removing organic pollutants from water by activated carbon‐supported titania composites: Kinetic aspects. *Journal of the Taiwan Institute of Chemical Engineers*, **2020**, 109, 51-61	5.3	25
98	One-stage preparation of palm petiole-derived biochar: Characterization and application for adsorption of crystal violet dye in water. *Environmental Technology and Innovation*, **2020**, 19, 100872	7	50
97	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 propanolol. *Journal of Hazardous Materials*, **2020**, 398, 122903	12.8	45
96	Multi-membrane formation in chitosan hydrogel shell by the addition of goethite nanoparticles. *Carbohydrate Polymers*, **2020**, 229, 115543	10.3	4
95	Ethanol CO2 reforming on La2O3 and CeO2-promoted Cu/Al2O3 catalysts for enhanced hydrogen production. *International Journal of Hydrogen Energy*, **2020**, 45, 18398-18410	6.7	13
94	Removing arsenic from water with an original and modified natural manganese oxide ore: batch kinetic and equilibrium adsorption studies. *Environmental Science and Pollution Research*, **2020**, 27, 5490-5502	5.1	12
93	Preparation of polyaminated Fe3O4@chitosan core-shell magnetic nanoparticles for efficient adsorption of phosphate in aqueous solutions. *Journal of Industrial and Engineering Chemistry*, **2020**, 83, 235-246	6.3	34
92	Performance of mediator-less double chamber microbial fuel cell-based biosensor for measuring biological chemical oxygen. *Journal of Environmental Management*, **2020**, 276, 111279	7.9	5
91	Adsorption process and mechanism of acetaminophen onto commercial activated carbon. *Journal of Environmental Chemical Engineering*, **2020**, 8, 104408	6.8	26
90	Dual-Electronic Nanomaterial (Synthetic Clay) for Effective Removal of Toxic Cationic and Oxyanionic Metal Ions from Water. *Journal of Nanomaterials*, **2020**, 2020, 1-11	3.2	6
89	Treatment of biologically treated landfill leachate with forward osmosis: Investigating membrane performance and cleaning protocols. *Science of the Total Environment*, **2020**, 744, 140901	10.2	13
88	Removing arsenate from water using modified manganese oxide ore: Column adsorption and waste management. *Journal of Environmental Chemical Engineering*, **2020**, 8, 104491	6.8	8
87	Sorption and mechanism studies of Cu, Sr and Pb ions on mesoporous aluminosilicates/zeolite composite sorbents. *Water Science and Technology*, **2020**, 82, 984-997	2.2	5
86	Laterite as a low-cost adsorbent in a sustainable decentralized filtration system to remove arsenic from groundwater in Vietnam. *Science of the Total Environment*, **2020**, 699, 134267	10.2	21
85	Simultaneous biohydrogen (H2) and bioplastic (poly-‐hydroxybutyrate-PHB) productions under dark, photo, and subsequent dark and photo fermentation utilizing various wastes. *International Journal of Hydrogen Energy*, **2020**, 45, 5840-5853	6.7	42
84	Heterogeneous catalyst ozonation of Direct Black 22 from aqueous solution in the presence of metal slags originating from industrial solid wastes. *Separation and Purification Technology*, **2020**, 233, 115961	8.3	44
83	Effect of Cr Doping on Visible-Light-Driven Photocatalytic Activity of ZnO Nanoparticles. *Journal of Electronic Materials*, **2019**, 48, 7378-7388	1.9	11
82	Effect of bentonite-mineral co-pyrolysis with macroalgae on physicochemical property and dye uptake capacity of bentonite/biochar composite. *Journal of the Taiwan Institute of Chemical Engineers*, **2019**, 104, 106-113	5.3	21

81	Efficient acetaminophen removal from water and hospital effluents treatment by activated carbons derived from Brazil nutshells. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2019**, 583, 123966	5.1	81
80	Efficient Removal of Cr(VI) from Water by Biochar and Activated Carbon Prepared through Hydrothermal Carbonization and Pyrolysis: Adsorption-Coupled Reduction Mechanism. *Water (Switzerland)*, **2019**, 11, 1164	3	37
79	Removal of various contaminants from water by renewable lignocellulose-derived biosorbents: a comprehensive and critical review. *Critical Reviews in Environmental Science and Technology*, **2019**, 49, 2155-2219	11.1	44
78	Iron-impregnated granular activated carbon for arsenic removal: Application to practical column filters. *Journal of Environmental Management*, **2019**, 239, 235-243	7.9	52
77	Adsorption mechanism of hexavalent chromium onto layered double hydroxides-based adsorbents: A systematic in-depth review. *Journal of Hazardous Materials*, **2019**, 373, 258-270	12.8	101
76	Effect of metal ions adsorption on the efficiency of methylene blue degradation onto MgFe2O4 as Fenton-like catalysts. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2019**, 571, 17-26	5.1	75
75	Integration of SWAT and QUAL2K for water quality modeling in a data scarce basin of Cau River basin in Vietnam. *Ecohydrology and Hydrobiology*, **2019**, 19, 210-223	2.8	20
74	Efficient removal of anti-inflammatory from solution by Fe-containing activated carbon: Adsorption kinetics, isotherms, and thermodynamics. *Journal of Environmental Management*, **2019**, 238, 296-306	7.9	45
73	Removing arsenic from water by coprecipitation with iron: Effect of arsenic and iron concentrations and adsorbent incorporation. *Chemosphere*, **2019**, 226, 431-438	8.4	17
72	Recent progress in the preparation, properties and applications of superhydrophobic nano-based coatings and surfaces: A review. *Progress in Organic Coatings*, **2019**, 132, 235-256	4.8	164
71	Comment on "removal of hexavalent chromium by biochar supported nZVI composite: Batch and fixed-bed column evaluations, mechanisms, and secondary contamination prevention". *Chemosphere*, **2019**, 233, 988-990	8.4	6
70	Deleterious effects of soluble extracellular polymeric substances on polyacrylamide demand for conditioning of anaerobically digested sludge. *Journal of Environmental Chemical Engineering*, **2019**, 7, 102941	6.8	4
69	Effect of nitric acid oxidation on the surface of hydrochars to sorb methylene blue: An adsorption mechanism comparison. *Adsorption Science and Technology*, **2019**, 37, 607-622	3.6	27
68	Metal-Loaded Carbonated Mesoporous Calcium Silicates: Synthesis, Characterization, and Application for Diclofenac Removal from Water. *Industrial & Engineering Chemistry Research*, **2019**, 58, 22084-22093	3.9	3
67	Adsorption and photocatalytic degradation of methylene blue by titanium dioxide nanotubes at different pH conditions. *Advances in Natural Sciences: Nanoscience and Nanotechnology*, **2019**, 10, 045011	1.6	5
66	Activated Carbons Derived from Teak Sawdust-Hydrochars for Efficient Removal of Methylene Blue, Copper, and Cadmium from Aqueous Solution. *Water (Switzerland)*, **2019**, 11, 2581	3	17
65	Removal of heavy metals by leaves-derived biosorbents. *Environmental Chemistry Letters*, **2019**, 17, 755-766	19.5	45
64	Comment on "Simultaneous and efficient removal of Cr(VI) and methyl orange on LDHs decorated porous carbons" *Chemical Engineering Journal*, **2019**, 359, 810-812	14.7	16

63	Effect of water washing pretreatment on property and adsorption capacity of macroalgae-derived biochar. *Journal of Environmental Management*, **2019**, 233, 165-174	7.9	35
62	Characteristics and mechanisms of cadmium adsorption onto biogenic aragonite shells-derived biosorbent: Batch and column studies. *Journal of Environmental Management*, **2019**, 241, 535-548	7.9	42
61	Highly efficient removal of hazardous aromatic pollutants by micro-nano spherical carbons synthesized from different chemical activation methods: a comparison study. *Environmental Technology (United Kingdom)*, **2019**, 40, 1376-1391	2.6	10
60	Adsorption and desorption of potentially toxic metals on modified biosorbents through new green grafting process. *Environmental Science and Pollution Research*, **2018**, 25, 12808-12820	5.1	38
59	Removal of ammonium from groundwater using NaOH-treated activated carbon derived from corncob wastes: Batch and column experiments. *Journal of Cleaner Production*, **2018**, 180, 560-570	10.3	55
58	Supersorption Capacity of Anionic Dye by Newer Chitosan Hydrogel Capsules via Green Surfactant Exchange Method. *ACS Sustainable Chemistry and Engineering*, **2018**, 6, 3604-3614	8.3	38
57	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. *Ecotoxicology and Environmental Safety*, **2018**, 150, 136-143	7	50
56	Efficient removal of copper and lead by Mg/Al layered double hydroxides intercalated with organic acid anions: Adsorption kinetics, isotherms, and thermodynamics. *Applied Clay Science*, **2018**, 154, 17-27	5.2	70
55	Activated carbons from golden shower upon different chemical activation methods: Synthesis and characterizations. *Adsorption Science and Technology*, **2018**, 36, 95-113	3.6	62
54	Adsorptive removal of five heavy metals from water using blast furnace slag and fly ash. *Environmental Science and Pollution Research*, **2018**, 25, 20430-20438	5.1	70
53	Amino acids-intercalated Mg/Al layered double hydroxides as dual-electronic adsorbent for effective removal of cationic and oxyanionic metal ions. *Separation and Purification Technology*, **2018**, 192, 36-45	8.3	50
52	Surfactant modified zeolite as amphiphilic and dual-electronic adsorbent for removal of cationic and oxyanionic metal ions and organic compounds. *Ecotoxicology and Environmental Safety*, **2018**, 147, 55-63	7	42
51	Leaf Biosorbents for the Removal of Heavy Metals. *Environmental Chemistry for A Sustainable World* , **2018**, 87-126	0.8	1
50	Efficient mercury removal from wastewater by pistachio wood wastes-derived activated carbon prepared by chemical activation using a novel activating agent. *Journal of Environmental Management*, **2018**, 223, 1001-1009	7.9	65
49	Layered double hydroxides intercalated with sulfur-containing organic solutes for efficient removal of cationic and oxyanionic metal ions. *Applied Clay Science*, **2018**, 162, 443-453	5.2	33
48	Increase in volatilization of organic compounds using air sparging through addition in alcohol in a soil-water system. *Journal of Hazardous Materials*, **2018**, 344, 942-949	12.8	12
47	Saccharide-derived microporous spherical biochar prepared from hydrothermal carbonization and different pyrolysis temperatures: synthesis, characterization, and application in water treatment. *Environmental Technology (United Kingdom)*, **2018**, 39, 2747-2760	2.6	28
46	Degradation of Paracetamol by an UV/Chlorine Advanced Oxidation Process: Influencing Factors, Factorial Design, and Intermediates Identification. *International Journal of Environmental Research and Public Health*, **2018**, 15,	4.6	10

45	Applying Activated Carbon Derived from Coconut Shell Loaded by Silver Nanoparticles to Remove Methylene Blue in Aqueous Solution. *Water, Air, and Soil Pollution*, **2018**, 229, 1	2.6	22
44	Simultaneous Determination of 18 Polycyclic Aromatic Hydrocarbons in Daily Foods (Hanoi Metropolitan Area) by Gas Chromatography?Tandem Mass Spectrometry. *Foods*, **2018**, 7,	4.9	17
43	Removal of hexavalent chromium from groundwater by Mg/Al-layered double hydroxides using characteristics of in-situ synthesis. *Environmental Pollution*, **2018**, 243, 620-629	9.3	48
42	Novel methodologies for determining a suitable polymer for effective sludge dewatering. *Journal of Environmental Chemical Engineering*, **2018**, 6, 4206-4214	6.8	6
41	Insights into the mechanism of cationic dye adsorption on activated charcoal: The importance of □Interactions. *Chemical Engineering Research and Design*, **2017**, 107, 168-180	5.5	149
40	Mistakes and inconsistencies regarding adsorption of contaminants from aqueous solutions: A critical review. *Water Research*, **2017**, 120, 88-116	12.5	1173
39	Activated carbon derived from spherical hydrochar functionalized with triethylenetetramine: synthesis, characterizations, and adsorption application. *Green Processing and Synthesis*, **2017**, 6,	3.9	15
38	Insight into adsorption mechanism of cationic dye onto agricultural residues-derived hydrochars: Negligible role of □□nteraction. *Korean Journal of Chemical Engineering*, **2017**, 34, 1708-1720	2.8	56
37	Comments on □Characterization and adsorption capacity of raw pomegranate peel biosorbent for copper removal□*Journal of Cleaner Production*, **2017**, 144, 553-558	10.3	8
36	Fast and efficient adsorption of methylene green 5 on activated carbon prepared from new chemical activation method. *Journal of Environmental Management*, **2017**, 188, 322-336	7.9	138
35	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. *Water, Air, and Soil Pollution*, **2017**, 228, 1	2.6	19
34	Comments on □ffect of Temperature on the Adsorption of Methylene Blue Dye onto Sulfuric Acid□□reated Orange Peel□*Chemical Engineering Communications*, **2017**, 204, 134-139	2.2	15
33	Removing ammonium from water using modified corncob-biochar. *Science of the Total Environment*, **2017**, 579, 612-619	10.2	118
32	Sustainable Biochar Derived from Agricultural Wastes for Removal of Methylene Green 5 from Aqueous Solution: Adsorption Kinetics, Isotherms, Thermodynamics, and Mechanism Analysis **2017**, 255-292		4
31	Insight into the adsorption mechanism of cationic dye onto biosorbents derived from agricultural wastes. *Chemical Engineering Communications*, **2017**, 204, 1020-1036	2.2	72
30	Effect of pyrolysis temperatures and times on the adsorption of cadmium onto orange peel derived biochar. *Waste Management and Research*, **2016**, 34, 129-38	4	107
29	Removing nitrate from water using iron-modified Dowex 21K XLT ion exchange resin: Batch and fluidised-bed adsorption studies. *Separation and Purification Technology*, **2016**, 158, 62-70	8.3	67
28	Removal of natural organic matter at the Gunbower water treatment plant in northern Victoria, Australia. *Desalination and Water Treatment*, **2016**, 57, 9061-9069		2

27	Modified centrifugal technique for determining polymer demand and achievable dry solids content in the dewatering of anaerobically digested sludge. *Desalination and Water Treatment*, **2016**, 57, 25509-25519		13
26	A review on sludge dewatering indices. *Water Science and Technology*, **2016**, 74, 1-16	2.2	51
25	Thermodynamic parameters of cadmium adsorption onto orange peel calculated from various methods: A comparison study. *Journal of Environmental Chemical Engineering*, **2016**, 4, 2671-2682	6.8	318
24	Simultaneous adsorption of Cd, Cr, Cu, Pb, and Zn by an iron-coated Australian zeolite in batch and fixed-bed column studies. *Chemical Engineering Journal*, **2015**, 270, 393-404	14.7	184
23	Submerged membrane (GAC) adsorption hybrid system in reverse osmosis concentrate treatment. *Separation and Purification Technology*, **2015**, 146, 8-14	8.3	26
22	Experimental evaluation of microfiltration granular activated carbon (MF AC)/nano filter hybrid system in high quality water reuse. *Journal of Membrane Science*, **2015**, 476, 1-9	9.6	25
21	Use of nanofiltration and reverse osmosis in reclaiming micro-filtered biologically treated sewage effluent for irrigation. *Desalination*, **2015**, 364, 119-125	10.3	29
20	Polycyclic aromatic hydrocarbons in road-deposited sediments, water sediments, and soils in Sydney, Australia: Comparisons of concentration distribution, sources and potential toxicity. *Ecotoxicology and Environmental Safety*, **2014**, 104, 339-48	7	97
19	Effect of granular activated carbon filter on the subsequent flocculation in seawater treatment. *Desalination*, **2014**, 354, 9-16	10.3	17
18	Performance of submerged membrane ion exchange hybrid system with Purolite A502PS in treating reverse osmosis feed. *Separation and Purification Technology*, **2014**, 122, 24-31	8.3	14
17	Arsenic waste from water treatment systems: characteristics, treatments and its disposal. *Water Science and Technology: Water Supply*, **2014**, 14, 939-950	1.4	7
16	Effluent organic matter removal from reverse osmosis feed by granular activated carbon and purolite A502PS fluidized beds. *Journal of Industrial and Engineering Chemistry*, **2014**, 20, 4499-4508	6.3	13
15	A detailed organic matter characterization of pretreated seawater using low pressure microfiltration hybrid systems. *Journal of Membrane Science*, **2013**, 428, 290-300	9.6	35
14	Foulant analysis of a reverse osmosis membrane used pretreated seawater. *Journal of Membrane Science*, **2013**, 428, 434-444	9.6	46
13	Ti-salt flocculation for dissolved organic matter removal in seawater. *Desalination and Water Treatment*, **2013**, 51, 3591-3596		5
12	Submerged membrane hybrid systems as pretreatment in seawater reverse osmosis (SWRO): Optimisation and fouling mechanism determination. *Journal of Membrane Science*, **2012**, 411-412, 173-181	9.6	25
11	Effluent organic matter removal by Purolite A500PS: Experimental performance and mathematical model. *Separation and Purification Technology*, **2012**, 98, 46-54	8.3	12
10	Biofouling potential reductions using a membrane hybrid system as a pre-treatment to seawater reverse osmosis. *Applied Biochemistry and Biotechnology*, **2012**, 167, 1716-27	3.2	23

9	The performance of contact flocculation–filtration as pretreatment of seawater reverse osmosis. *Desalination and Water Treatment*, **2012**, 43, 246-252		2
8	Submerged membrane coagulation hybrid system as pretreatment to organic matter removal from seawater. *Water Science and Technology: Water Supply*, **2011**, 11, 352-357	1.4	11
7	Pretreatment for seawater desalination by flocculation: Performance of modified poly ferric silicate (PFSi-) and ferric chloride as flocculants. *Desalination*, **2011**, 283, 106-110	10.3	6
6	Removal of organic matter from effluents by Magnetic Ion Exchange (MIEX). *Desalination*, **2011**, 276, 96-102	10.3	43
5	Organic matter removal from biologically treated sewage effluent by flocculation and oxidation coupled with flocculation. *Desalination and Water Treatment*, **2011**, 32, 133-137		4
4	Removal of effluent organic matter by purolite fluidised bed and submerged membrane hybrid system. *Desalination and Water Treatment*, **2011**, 32, 194-200		1
3	Arsenic removal by iron oxide coated sponge: experimental performance and mathematical models. *Journal of Hazardous Materials*, **2010**, 182, 723-9	12.8	59
2	Adsorption and removal of arsenic from water by iron ore mining waste. *Water Science and Technology*, **2009**, 60, 2301-8	2.2	9
1	Arsenic removal by iron oxide coated sponge: treatment and waste management. *Water Science and Technology*, **2009**, 60, 1489-95	2.2	5