Ali Tor

List of Publications by Year
in descending order

57 papers	3,120 citations	147801 31 h-index	155660 55 g-index
57 all docs	57 docs citations	57 times ranked	3371 citing authors

#	Article	IF	Citations
1	Removal of congo red from aqueous solution by adsorption onto acid activated red mud. Journal of Hazardous Materials, 2006, 138, 409-415.	12.4	300
2	Removal of fluoride from water by using granular red mud: Batch and column studies. Journal of Hazardous Materials, 2009, 164, 271-278.	12.4	278
3	Removal of nitrate from aqueous solution by using red mud. Separation and Purification Technology, 2006, 51, 374-378.	7.9	195
4	Removal of fluoride from an aqueous solution by using montmorillonite. Desalination, 2006, 201, 267-276.	8.2	186
5	Removal of phenol from aqueous phase by using neutralized red mud. Journal of Colloid and Interface Science, 2006, 300, 498-503.	9.4	151
6	Arsenic(V) removal from underground water by magnetic nanoparticles synthesized from waste red mud. Journal of Hazardous Materials, 2012, 235-236, 62-68.	12.4	132
7	Removal of boron from aqueous solution by using neutralized red mud. Journal of Hazardous Materials, 2007, 142, 412-417.	12.4	128
8	Ultrasonic solvent extraction of organochlorine pesticides from soil. Analytica Chimica Acta, 2006, 559, 173-180.	5.4	108
9	Determination of selected polychlorinated biphenyls in water samples by ultrasound-assisted emulsification-microextraction and gas chromatography-mass-selective detection. Analytica Chimica Acta, 2009, 647, 182-188.	5.4	107
10	Removal of fluoride from water using anion-exchange membrane under Donnan dialysis condition. Journal of Hazardous Materials, 2007, 141, 814-818.	12.4	105
11	In situ preparation of magnetic hydrochar by co-hydrothermal treatment of waste vinasse with red mud and its adsorption property for Pb(II) in aqueous solution. Journal of Hazardous Materials, 2020, 393, 122391.	12.4	87
12	Electrodialytic removal of fluoride from water: Effects of process parameters and accompanying anions. Separation and Purification Technology, 2008, 64, 147-153.	7.9	77
13	Determination of polycyclic aromatic hydrocarbons in waters by ultrasound-assisted emulsification-microextraction and gas chromatographyâ€“mass spectrometry. Analytica Chimica Acta, 2010, 665, 193-199.	5.4	77
14	Application of ultrasound-assisted emulsification-micro-extraction for the analysis of organochlorine pesticides in waters. Water Research, 2009, 43, 4269-4277.	11.3	73
15	Transport of hexavalent chromium through anion-exchange membranes. Desalination, 2003, 154, 239-246.	8.2	66
16	Simultaneous recovery of Cr(III) and Cr(VI) from the aqueous phase with ion-exchange membranes. Desalination, 2005, 171, 233-241.	8.2	57
17	Efficient adsorption of lead (II) and copper (II) from aqueous phase using oxidized multiwalled carbon nanotubes/polypyrrole composite. Separation Science and Technology, 2018, 53, 1498-1510.	2.5	57
18	Application of liquid-phase microextraction to the analysis of trihalomethanes in water. Analytica Chimica Acta, 2006, 575, 138-143.	5.4	51

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19	Effects of long-term irrigation with untreated municipal wastewater on soil properties and crop quality. Environmental Science and Pollution Research, 2015, 22, 19203-19212.	5.3	51
20	Determination of chlorobenzenes in water by drop-based liquid-phase microextraction and gas chromatography-electron capture detection. Journal of Chromatography A, 2006, 1125, 129-132.	3.7	50
21	Removal of Cr(VI) from aqueous solution by polysulfone microcapsules containing Cyanex 923 as extraction reagent. Desalination, 2010, 259, 179-186.	8.2	50
22	Facilitated transport of Cr(III) through polymer inclusion membrane with di(2-ethylhexyl)phosphoric acid (DEHPA). Journal of Membrane Science, 2009, 329, 169-174.	8.2	49
23	Increasing the phenol adsorption capacity of neutralized red mud by application of acid activation procedure. Desalination, 2009, 242, 19-28.	8.2	42
24	Surface modification of glass beads with glutaraldehyde: Characterization and their adsorption property for metal ions. Journal of Hazardous Materials, 2009, 171, 594-600.	12.4	40
25	Novel preparation of activated carbon by cold oxygen plasma treatment combined with pyrolysis. Chemical Engineering Journal, 2017, 325, 564-575.	12.7	40
26	Preparation of chemically-activated high surface area carbon from waste vinasse and its efficiency as adsorbent material. Journal of Molecular Liquids, 2018, 272, 189-197.	4.9	40
27	Application of miniaturised ultrasonic extraction to the analysis of organochlorine pesticides in soil. Analytica Chimica Acta, 2009, 640, 52-57.	5.4	37
28	A novel red mud@sucrose based carbon composite: Preparation, characterization and its adsorption performance toward methylene blue in aqueous solution. Journal of Environmental Chemical Engineering, 2017, 5, 2639-2647.	6.7	37
29	Investigation on the Levels of Heavy Metals, Polycyclic Aromatic Hydrocarbons, and Polychlorinated Biphenyls in Sewage Sludge Samples and Ecotoxicological Testing. Clean - Soil, Air, Water, 2013, 41, 411-418.	1.1	35
30	Facilitated transport of Cr(VI) through a novel activated composite membrane containing Cyanex 923 as a carrier. Journal of Membrane Science, 2009, 337, 224-231.	8.2	34
31	Removal of nitrate from the aqueous phase by Donnan dialysis. Desalination, 2009, 239, 276-282.	8.2	32
32	Green preparation of a novel red mud@carbon composite and its application for adsorption of 2,4-dichlorophenoxyacetic acid from aqueous solution. Environmental Science and Pollution Research, 2017, 24, 23057-23068.	5.3	32
33	Preparation of activated carbon from molasses-to-ethanol process waste vinasse and its performance as adsorbent material. Bioresource Technology, 2017, 241, 1077-1083.	9.6	29
34	Removal of lindane from an aqueous solution by using aminopropyl silica gel-immobilized calix[6]arene. Journal of Hazardous Materials, 2013, 262, 656-663.	12.4	28
35	Selectively facilitated transport of Zn(II) through a novel polymer inclusion membrane containing Cyanex 272 as a carrier reagent. Desalination, 2011, 277, 301-307.	8.2	24
36	Facilitated transport of Cr(III) through activated composite membrane containing di-(2-ethylhexyl)phosphoric acid (DEHPA) as carrier agent. Journal of Hazardous Materials, 2009, 165, 729-735.	12.4	23

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37	Ultrasonic Solvent Extraction of Persistent Organic Pollutants from Airborne Particles. Clean - Soil, Air, Water, 2007, 35, 660-668.	1.1	22
38	Preconcentrative separation of chromium(III) species from chromium(VI) by cloud point extraction and determination by flame atomic absorption spectrometry. Mikrochimica Acta, 2011, 174, 399-405.	5.0	22
39	Preparation of new polysulfone capsules containing Cyanex 272 and their properties for Co(II) removal from aqueous solution. Journal of Environmental Chemical Engineering, 2015, 3, 1654-1661.	6.7	20
40	Efficient Removal of Lead(II) Ions from Aqueous Solutions Using Methyl-Î²-Cyclodextrin Modified Graphene Oxide. Water, Air, and Soil Pollution, 2017, 228, 1.	2.4	20
41	Determination of Polycyclic Aromatic Hydrocarbons in Soil by Miniaturized Ultrasonic Extraction and Gas Chromatographyâ€Mass Selective Detection. Clean - Soil, Air, Water, 2009, 37, 811-817.	1.1	16
42	Sorption of phenol from aqueous solution by novel magnetic polysulfone microcapsules containing Cyanex 923. Reactive and Functional Polymers, 2012, 72, 451-457.	4.1	12
43	Levels of Organochlorine Pesticides and Heavy Metals in Surface Waters of Konya Closed Basin, Turkey. Scientific World Journal, The, 2013, 2013, 1-6.	2.1	12
44	An investigation on the sorption behaviour of montmorillonite for selected organochlorine pesticides from water. Environmental Technology (United Kingdom), 2012, 33, 1239-1245.	2.2	11
45	Preparation and characterization of novel polysulfone-red mud composite capsules for the removal of fluoride from aqueous solutions. RSC Advances, 2016, 6, 86673-86681.	3.6	11
46	Removal of Organochlorine Pesticides from Aqueous Solution by Using Neutralized Red Mud. Clean - Soil, Air, Water, 2011, 39, 972-979.	1.1	9
47	Levels of Organohalogenated Pollutants in Human Milk Samples from Konya City, Turkey. Clean - Soil, Air, Water, 2011, 39, 978-983.	1.1	8
48	Characteristics and mechanisms for highly efficient adsorption of Pb(II) from aqueous solutions by engineered vinasse biochar with cold oxygen plasma process. Chemical Engineering and Processing: Process Intensification, 2022, 171, 108766.	3.6	8
49	A simple and green preparation of red mud-coated membrane for efficient separation of oil-in-water emulsions. Journal of Environmental Chemical Engineering, 2022, 10, 106928.	6.7	7
50	Determination and speciation of trace inorganic arsenic species in water samples by using metal organic framework mixed-matrix membrane and EDXRF spectrometry. Chemosphere, 2022, 307, 135661.	8.2	7
51	Chromatographic Separation and Analytic Procedure for Priority Organic Pollutants in Urban Air. Clean - Soil, Air, Water, 2008, 36, 969-977.	1.1	6
52	Synthesis of Calix[4]areneâ€grafted Magnetite Nanoparticles and Evaluation of Their Arsenate as Well as Dichromate Removal Efficiency. Clean - Soil, Air, Water, 2010, 38, 639-648.	1.1	5
53	Ultrasoundâ€Assisted Emulsificationâ€Microextraction With In Situ Derivatization and Gas Chromatographyâ€Electronâ€Capture Detection for Determination of Chlorophenols in Water. Clean - Soil, Air, Water, 2015, 43, 1143-1149.	1.1	4
54	In-situ magnetization of porous carbon beads by pyrolysis of waste red mud doped polysulfone beads for efficient oil sorption. Chemical Engineering and Processing: Process Intensification, 2020, 158, 108190.	3.6	4

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55	Analytical Methods for Viable and Rapid Determination of Organochlorine Pesticides in Water and Soil Samples. , 2011, , .		3
56	Tuning active sites of N-doped porous carbon catalysts derived from vinasse for high-performance electrochemical sensing. Particulate Science and Technology, 2023, 41, 93-104.	2.1	3
57	The Effect of Accompanying Anion and the Competitive Transport of Ni(II) and Fe(III) Through Polysulfone Membranes. Separation Science and Technology, 2003, 38, 2503-2514.	2.5	2