Ahmad Akbari

List of Publications by Year
in descending order

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Version: 2024-02-01

44	2,047	377584 21	274796 44
papers	citations	h-index	g-index

44	44	44	2911
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effects of chitosan and piperazine on surface morphology and mebeverine hydrochloride removal in polyurea thin film composite membranes. Brazilian Journal of Chemical Engineering, 2023, 40, 247-255.	0.7	4
2	IR-initiated preparation method of high performance nanofiltration membranes using graft polymerization of acrylic acid onto polyacrylonitrile surface. Korean Journal of Chemical Engineering, 2022, 39, 2849-2860.	1.2	3
3	Extraction and preparation of dye powders from Reseda luteola L. using membrane processes and its dyeing properties. Environmental Technology and Innovation, 2021, 21, 101249.	3.0	8
4	A study on electrochemical hydrogen storage properties of truncated octahedron cobalt cerium molybdate nanocrystals synthesized by solution combustion method. Journal of Alloys and Compounds, 2021, 858, 158374.	2.8	8
5	The magnetic inorganic-organic nanocomposite based on ZnFe2O4-Imatinib-liposome for biomedical applications, inÂvivo and inÂvitro study. Journal of Alloys and Compounds, 2020, 849, 156604.	2.8	48
6	Preparation, structural analysis, and assessing the impacts of holmium and ytterbium on electrochemical hydrogen storage property of strontium cerium molybdate nanostructures. Electrochimica Acta, 2020, 356, 136851.	2.6	14
7	Unveiling the synthesis of CuCe2(MoO4)4 nanostructures and its physico-chemical properties on electrochemical hydrogen storage. Journal of Alloys and Compounds, 2020, 826, 154023.	2.8	11
8	Magnetic nanocarriers: Evolution of spinel ferrites for medical applications. Advances in Colloid and Interface Science, 2019, 265, 29-44.	7.0	397
9	Novel ultrafiltration membranes with the least fouling properties for the treatment of veterinary antibiotics in the pharmaceutical wastewater. Polymers for Advanced Technologies, 2019, 30, 1716-1723.	1.6	17
10	PDADMAC/PAA semi-IPN hydrogel-coated PVDF membrane for robust anti-wetting in membrane distillation. Journal of Industrial and Engineering Chemistry, 2019, 74, 14-25.	2.9	36
11	A hydrophilic-oleophobic chitosan/SiO2 composite membrane to enhance oil fouling resistance in membrane distillation. Korean Journal of Chemical Engineering, 2019, 36, 255-264.	1.2	21
12	A potential photovoltaic material for dye sensitized solar cells based BaCe2(MoO4)4 doped Er3+/Yb3+ nanostructures. Journal of Cleaner Production, 2019, 209, 762-768.	4.6	6
13	Preparation of nanoparticle-modified polymeric adsorbent using wastage fuzzes of mechanized carpet and its application in dye removal from aqueous solution. Journal of Cleaner Production, 2018, 178, 373-383.	4.6	27
14	Chitosan-modified acrylic nanofiltration membrane for efficient removal of pharmaceutical compounds. Journal of Environmental Chemical Engineering, 2018, 6, 583-587.	3.3	57
15	Thinâ€film composite membranes incorporated with largeâ€area graphene oxide sheets and adjustable surface charges. Polymers for Advanced Technologies, 2018, 29, 795-805.	1.6	12
16	Synthesis and in vitro evaluation of a novel magnetic drug delivery system; proecological method for the preparation of CoFe2O4 nanostructures. Journal of Molecular Liquids, 2018, 249, 1151-1160.	2.3	68
17	Natural Dyeing of Wool by Madder (Rubia tinctorum L.) Root Extract Using Tannin-based Biomordants: Colorimetric, Fastness and Tensile Assay. Fibers and Polymers, 2018, 19, 2139-2148.	1.1	37
18	Magnetic nickel ferrite nanoparticles: Green synthesis by Urtica and therapeutic effect of frequency magnetic field on creating cytotoxic response in neural cell lines. Colloids and Surfaces B: Biointerfaces, 2018, 172, 244-253.	2.5	87

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19	Enhanced dye sensitized solar cells efficiency by utilization of an external layer of CaCe2(MoO4)4:Er3+/Yb3+ nanoparticles. Journal of Alloys and Compounds, 2018, 769, 732-739.	2.8	22
20	A magnetic CoFe2O4/SiO2 nanocomposite fabricated byÂthe sol-gel method for electrocatalytic oxidation and determination of L-cysteine. Mikrochimica Acta, 2017, 184, 825-833.	2.5	66
21	Amplified electrochemical sensor employing CuO/SWCNTs and 1-butyl-3-methylimidazolium hexafluorophosphate for selective analysis of sulfisoxazole in the presence of folic acid. Journal of Colloid and Interface Science, 2017, 495, 61-67.	5.0	63
22	Analysis of Levodopa in the Presence of Vitamin B₆ Using Carbon Paste Electrode Modified with 1â€Butylâ€3â€‰methylimidazolium Hexafluorophosphate and CuO Nanoparticles. Electroanalysis, 2017, 29, 1854-1859.	1.5	23
23	Solâ€“gel auto-combustion synthesize and characterization of a novel anticorrosive cobalt ferrite nanoparticles dispersed in silica matrix. Journal of Materials Science: Materials in Electronics, 2017, 28, 10495-10508.	1.1	22
24	Caffeine: A novel green precursor for synthesis of magnetic CoFe2O4 nanoparticles and pH-sensitive magnetic alginate beads for drug delivery. Materials Science and Engineering C, 2017, 76, 1085-1093.	3.8	174
25	Removal of malachite green (a toxic dye) from water by cobalt ferrite silica magnetic nanocomposite: Herbal and green sol-gel autocombustion synthesis. International Journal of Hydrogen Energy, 2017, 42, 24846-24860.	3.8	142
26	Novel membrane adsorbents prepared by waste fibers of mechanized carpet for Persian Orange X removal. Environmental Nanotechnology, Monitoring and Management, 2017, 8, 209-218.	1.7	8
27	Membrane capsules with hierarchical Mg(OH)2 nanostructures as novel adsorbents for dyeing wastewater treatment in carpet industries. Journal of the Taiwan Institute of Chemical Engineers, 2017, 70, 391-400.	2.7	15
28	Role of Organic Acids in Flux Enhancement of Polyamide Nanofiltration Membranes. Chemical Engineering and Technology, 2017, 40, 76-87.	0.9	11
29	Pre-treatment of textile wastewaters containing Chrysophenine using hybrid membranes. Membrane Water Treatment, 2017, 8, 89-112.	0.5	10
30	Second modification of a polyamide membrane surface. Journal of Applied Polymer Science, 2016, 133, .	1.3	6
31	Tabas coal preparation plant wastewater treatment with membrane technology. Water Science and Technology, 2016, 74, 333-342.	1.2	5
32	A novel positively charged membrane based on polyamide thin-film composite made by cross-linking for nanofiltration. Water Science and Technology, 2016, 73, 776-789.	1.2	11
33	Sulfonation and mixing with TiO2 nanoparticles as two simultaneous solutions for reducing fouling of polysulfone loose nanofiltration membrane. Korean Journal of Chemical Engineering, 2016, 33, 2439-2452.	1.2	12
34	Novel sulfonated polyamide thin-film composite nanofiltration membranes with improved water flux and anti-fouling properties. Desalination, 2016, 377, 11-22.	4.0	76
35	Influence of chitosan coating on the separation performance, morphology and anti-fouling properties of the polyamide nanofiltration membranes. Journal of Industrial and Engineering Chemistry, 2015, 28, 268-276.	2.9	45
36	Hierarchical nanostructures as novel antifouling agents in nanofiltration process. Desalination, 2015, 375, 116-120.	4.0	21

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37	Fabrication of magnetic nanocomposite membrane for separation of organic contaminant from water. Desalination and Water Treatment, 2015, 54, 3603-3609.	1.0	17
38	A comparison between blending and surface deposition methods for the preparation of iron oxide/polysulfone nanocomposite membranes. Desalination, 2014, 354, 125-142.	4.0	52
39	Development of permeability properties of polyamide thin film composite nanofiltration membrane by using the dimethyl sulfoxide additive. Journal of Water Reuse and Desalination, 2014, 4, 174-181.	1.2	10
40	Amoxicillin separation from pharmaceutical wastewater by high permeability polysulfone nanofiltration membrane. Journal of Environmental Health Science & Engineering, 2013, 11, 9.	1.4	45
41	Novel nanofiberous membrane fabricated via electrospinning of wastage fuzzes of mechanized carpet used for dye removal of the carpet dyeing wastewater. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2012, 47, 847-853.	0.9	9
42	Electrospun titanium dioxide nanofibers: Fabrication, properties and its application in photo-oxidative degradation of methyl orange (MO). Fibers and Polymers, 2011, 12, 880-885.	1.1	26
43	Dye removal from colored textile wastewater using acrylic grafted nanomembrane. Desalination, 2011, 267, 107-113.	4.0	161
44	Preparation of polysulfone nanofiltration membranes by UV-assisted grafting polymerization for water softening. Desalination, 2010, 263, 217-225.	4.0	134