

Sahika Sena Bayazit

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

39
papers

853
citations

16
h-index

28
g-index

39
ext. papers

993
ext. citations

4.1
avg, IF

4.81
L-index

#	Paper	IF	Citations
39	Efficient removal of antibiotics by a novel magnetic adsorbent: Magnetic activated carbon/chitosan (MACC) nanocomposite. <i>Journal of Molecular Liquids</i> , 2017 , 240, 589-596	6	108
38	Hexavalent chromium adsorption on superparamagnetic multi-wall carbon nanotubes and activated carbon composites. <i>Chemical Engineering Research and Design</i> , 2014 , 92, 2725-2733	5.5	90
37	Antibiotic amoxicillin removal from aqueous solution using magnetically modified graphene nanoplatelets. <i>Journal of Industrial and Engineering Chemistry</i> , 2016 , 36, 198-205	6.3	87
36	Preparation of magnetic MIL-101 (Cr) for efficient removal of ciprofloxacin. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 25452-25461	5.1	46
35	Investigation of Formic Acid Separation from Aqueous Solution by Reactive Extraction: Effects of Extractant and Diluent. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 1519-1522	2.8	41
34	Adsorption of Lactic Acid from Model Fermentation Broth onto Activated Carbon and Amberlite IRA-67. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 1751-1754	2.8	39
33	Magnetite decorated multi-walled carbon nanotubes for removal of toxic dyes from aqueous solutions. <i>Journal of Nanoparticle Research</i> , 2014 , 16, 1	2.3	38
32	Isolation of naproxen from wastewater using carbon-based magnetic adsorbents. <i>International Journal of Environmental Science and Technology</i> , 2015 , 12, 3541-3550	3.3	37
31	Adsorption of Pb(II) ions from aqueous solutions by carbon nanotubes oxidized different methods. <i>Journal of Industrial and Engineering Chemistry</i> , 2013 , 19, 2064-2071	6.3	35
30	Rapid adsorptive removal of naphthalene from water using graphene nanoplatelet/MIL-101 (Cr) nanocomposite. <i>Journal of Alloys and Compounds</i> , 2017 , 701, 740-749	5.7	32
29	Preparation of CeO ₂ nanofibers derived from Ce-BTC metal-organic frameworks and its application on pesticide adsorption. <i>Journal of Molecular Liquids</i> , 2018 , 255, 10-17	6	27
28	Adsorptive removal of malachite green and Rhodamine B dyes on Fe ₃ O ₄ /activated carbon composite. <i>Journal of Dispersion Science and Technology</i> , 2017 , 38, 1556-1562	1.5	27
27	Removal of ciprofloxacin from aqueous solution using humic acid- and levulinic acid- coated Fe ₃ O ₄ nanoparticles. <i>Chemical Engineering Research and Design</i> , 2017 , 123, 259-267	5.5	25
26	Adsorption Equilibrium Data for Acetic Acid and Glycolic Acid onto Amberlite IRA-67. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 1295-1299	2.8	23
25	Magnetic Multi-Wall Carbon Nanotubes for Methyl Orange Removal from Aqueous Solutions: Equilibrium, Kinetic and Thermodynamic Studies. <i>Separation Science and Technology</i> , 2014 , 49, 1389-1400	2.5	20
24	Adsorption of Cu (II) ions from water by carbon nanotubes oxidized with UV-light and ultrasonication. <i>Journal of Molecular Liquids</i> , 2014 , 199, 559-564	6	19
23	Comparative Equilibrium Studies for Citric Acid by Amberlite LA-2 or Tridodecylamine (TDA). <i>Journal of Chemical & Engineering Data</i> , 2009 , 54, 1991-1996	2.8	16

22	Chitosan grafted SiO-FeO nanoparticles for removal of antibiotics from water. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 36661-36670	5.1	16
21	Removal of carbamazepine using UiO-66 and UiO-66/graphene nanoplatelet composite. <i>Journal of Environmental Chemical Engineering</i> , 2020 , 8, 103898	6.8	13
20	Comparison of Solid-Liquid Equilibrium Data for the Adsorption of Propionic Acid and Tartaric Acid from Aqueous Solution onto Amberlite IRA-67. <i>Industrial & Engineering Chemistry Research</i> , 2009 , 48, 7767-7772	3.9	13
19	Comparison of different polymeric resins for naproxen removal from wastewater. <i>Journal of Molecular Liquids</i> , 2017 , 241, 633-637	6	12
18	Investigation of Safranin O adsorption on superparamagnetic iron oxide nanoparticles (SPION) and multi-wall carbon nanotube/SPION composites. <i>Desalination and Water Treatment</i> , 2014 , 52, 6966-6975		11
17	Separation of Succinic Acid from Aqueous Solution by Alumina Adsorption. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 4449-4453	2.8	11
16	Preparation of magnetic activated carbon-chitosan nanocomposite for crystal violet adsorption. <i>Korean Journal of Chemical Engineering</i> , 2019 , 36, 1915-1921	2.8	10
15	A comparative study for adsorption of methylene blue from aqueous solutions by two kinds of amberlite resin materials. <i>Desalination and Water Treatment</i> , 2012 , 45, 206-214		9
14	Comparison of the Efficiencies of Amine Extractants on Lactic Acid with Different Organic Solvents. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 750-756	2.8	8
13	Recovery of polyphenols from water using Zr-based metal-organic frameworks and their nanocomposites with graphene nanoplatelets. <i>Journal of Industrial and Engineering Chemistry</i> , 2019 , 78, 164-171	6.3	7
12	Investigation of Adsorption Equilibrium and Kinetics of Propionic Acid and Glyoxylic Acid from Aqueous Solution by Alumina. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 3301-3308	2.8	7
11	Investigation of extractive interaction between ionic liquids and carbamazepine. <i>Journal of Molecular Liquids</i> , 2018 , 268, 523-528	6	6
10	Acid-modulated zirconium based metal organic frameworks for removal of organic micropollutants. <i>Journal of Environmental Chemical Engineering</i> , 2020 , 8, 103901	6.8	5
9	Purification of Biotechnological Carboxylic Acids with an Adsorption Method Using Single-Walled Carbon Nanotubes. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 5663-5668	2.8	5
8	Adsorption of Glutaric Acid and Glyoxylic Acid onto Weakly Basic Ion-Exchange Resin: Equilibrium and Kinetics. <i>Journal of Chemical & Engineering Data</i> , 2010 , 55, 679-684	2.8	4
7	Recovery of β -Carotene on Graphene Nanoplatelets UiO-66 Nanocomposites. <i>Journal of Chemical & Engineering Data</i> , 2020 , 65, 821-827	2.8	3
6	Magnetic carbon composites as regenerable and fully recoverable adsorbents: Performance on the removal of antidiabetic agent metformin hydrochloride. <i>Chemical Engineering Research and Design</i> , 2021 , 168, 443-452	5.5	2
5	Enhanced & effective phosphate recovery from water by indium fumarate & zirconium fumarate metal-organic frameworks: Synthesis, characterization, adsorption, kinetic and isotherm studies. <i>Surfaces and Interfaces</i> , 2022 , 29, 101719	4.1	1

- 4 Oxalic acid removal from wastewater using multi-walled carbon nanotubes: Kinetic and equilibrium analysis. *Journal of Dispersion Science and Technology*, **2017**, 38, 65-69 1.5
- 3 Solid-liquid equilibrium of glycolic acid with alumina. *Desalination and Water Treatment*, **2014**, 1-6
- 2 Enhanced photoelectrochemical activity of magnetically modified TiO₂ prepared by a simple ex-situ route. *Journal of Solid State Electrochemistry*, **2022**, 26, 245 2.6
- 1 Preparation of chromium fumarate metal-organic frameworks for removal of pharmaceutical compounds from water. *Korean Journal of Chemical Engineering*, 1 2.8