

# Abdolhosein Emami Sigaroudi

## List of Publications by Year in descending order

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38  
papers

1,728  
citations

257357

24  
h-index

315616

38  
g-index

38  
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38  
docs citations

38  
times ranked

2083  
citing authors

#	ARTICLE	IF	CITATIONS
1	Photocatalytic Reduction of Hexavalent Chromium over ZnO Nanorods Immobilized on Kaolin. <i>Industrial &amp; Engineering Chemistry Research</i> , 2014, 53, 1079-1087.	1.8	141
2	Photocatalytic degradation of diazinon with illuminated ZnO/TiO <sub>2</sub> composite. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2015, 50, 100-107.	2.7	121
3	Removal of acid blue 113 and reactive black 5 dye from aqueous solutions by activated red mud. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 1432-1437.	2.9	118
4	Photocatalytic reduction of hexavalent chromium with illuminated ZnO/TiO <sub>2</sub> composite. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 22, 317-323.	2.9	114
5	Photocatalytic degradation of Metronidazole with illuminated TiO <sub>2</sub> nanoparticles. <i>Journal of Environmental Health Science &amp; Engineering</i> , 2015, 13, 35.	1.4	111
6	Enhancement of photocatalytic activity of Cu-doped ZnO nanorods for the degradation of an insecticide: Kinetics and reaction pathways. <i>Journal of Environmental Management</i> , 2017, 186, 1-11.	3.8	99
7	Application of ZnO/Fe <sub>3</sub> O <sub>4</sub> Nanocomposite on the Removal of Azo Dye from Aqueous Solutions: Kinetics and Equilibrium Studies. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	1.1	90
8	Photocatalytic reduction of Cr(VI) and Ni(II) in aqueous solution by synthesized nanoparticle ZnO under ultraviolet light irradiation: a kinetic study. <i>Environmental Technology (United Kingdom)</i> , 2011, 32, 1573-1579.	1.2	88
9	Synthesis, characterization, and application of ZnO/TiO <sub>2</sub> nanocomposite for photocatalysis of a herbicide (Bentazon). <i>Desalination and Water Treatment</i> , 2016, 57, 13632-13644.	1.0	62
10	Photocatalytic removal of Cr(VI) with illuminated TiO <sub>2</sub> . <i>Desalination and Water Treatment</i> , 2012, 46, 375-380.	1.0	57
11	Polycyclic aromatic hydrocarbons (PAHs) in coastal sediments from urban and industrial areas of Asaluyeh Harbor, Iran: distribution, potential source and ecological risk assessment. <i>Water Science and Technology</i> , 2016, 74, 957-973.	1.2	57
12	Kinetics and equilibrium studies of removal of an azo dye from aqueous solution by adsorption onto scallop. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 610-615.	2.9	47
13	The Removal of Hexavalent Chromium from Aqueous Solutions Using Modified Holly Sawdust: Equilibrium and Kinetics Studies. <i>Environmental Engineering Research</i> , 2011, 16, 55-60.	1.5	42
14	Removal of Phenol from Aqueous Solutions by Activated Red Mud: Equilibrium and Kinetics Studies. <i>Environmental Engineering Research</i> , 2013, 18, 247-252.	1.5	40
15	Photocatalytic degradation of diazinon by illuminated WO <sub>3</sub> nanopowder. <i>Desalination and Water Treatment</i> , 2016, 57, 8262-8269.	1.0	39
16	Effect of different types of organic compounds on the photocatalytic reduction of Cr(VI). <i>Environmental Technology (United Kingdom)</i> , 2012, 33, 2027-2032.	1.2	37
17	Comparative removal of two textile dyes from aqueous solution by adsorption onto marine-source waste shell: Kinetic and isotherm studies. <i>Korean Journal of Chemical Engineering</i> , 2014, 31, 1451-1459.	1.2	37
18	Application of Ni-doped ZnO nanorods for degradation of diazinon: Kinetics and by-products. <i>Separation Science and Technology</i> , 2017, 52, 2395-2406.	1.3	35

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19	Surfactant-modified montmorillonite as a nanosized adsorbent for removal of an insecticide: kinetic and isotherm studies. <i>Environmental Technology (United Kingdom)</i> , 2015, 36, 3125-3135.	1.2	33
20	Application of Ni-doped ZnO rods for the degradation of an azo dye from aqueous solutions. <i>Korean Journal of Chemical Engineering</i> , 2016, 33, 812-822.	1.2	31
21	Effect of different type of organic compounds on the photocatalytic reduction of Cr(VI) in presence of ZnO nanoparticles. <i>Desalination and Water Treatment</i> , 2014, 52, 1531-1538.	1.0	29
22	Facile synthesis of methyl propylaminopropanoate functionalized magnetic nanoparticles for removal of acid red 114 from aqueous solution. <i>RSC Advances</i> , 2016, 6, 113492-113502.	1.7	29
23	Photocatalytic removal of cyanide with illuminated TiO <sub>2</sub> . <i>Water Science and Technology</i> , 2011, 64, 1383-1387.	1.2	27
24	Photocatalytic reduction of Cr(VI) from synthetic, real drinking waters and electroplating wastewater by synthesized amino-functionalized Fe <sub>3</sub> O <sub>4</sub> @WO <sub>3</sub> nanoparticles by visible light. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 59, 169-183.	2.9	26
25	Synthesis of carboxyl-functionalized magnetic nanoparticles for adsorption of malachite green from water: Kinetics and thermodynamics studies. <i>Journal of the Chinese Chemical Society</i> , 2018, 65, 940-950.	0.8	24
26	Photocatalytic Degradation of a Textile Dye by Illuminated Tungsten Oxide Nanopowder. <i>Journal of Advanced Oxidation Technologies</i> , 2015, 18, .	0.5	23
27	Photocatalytic reduction of hexavalent chromium with illuminated amorphous FeOOH. <i>Environmental Technology (United Kingdom)</i> , 2015, 36, 1132-1140.	1.2	23
28	Application of Scallop shell-Fe <sub>3</sub> O <sub>4</sub> Nano-Composite for the Removal Azo Dye from Aqueous Solutions. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	1.1	22
29	Photocatalytic removal of Escherichia coli from aquatic solutions using synthesized ZnO nanoparticles: a kinetic study. <i>Water Science and Technology</i> , 2013, 67, 557-563.	1.2	19
30	Application of C <sub>14</sub> /SiO <sub>2</sub> @Fe <sub>3</sub> O <sub>4</sub> and AC@Fe <sub>3</sub> O <sub>4</sub> nanocomposite for U(VI) removal. <i>Desalination and Water Treatment</i> , 2016, 57, 22519-22532.	1.0	19
31	Enhanced photocatalytic activity of Fe <sub>3</sub> O <sub>4</sub> -WO <sub>3</sub> -APTES for azo dye removal from aqueous solutions in the presence of visible irradiation. <i>Particulate Science and Technology</i> , 2019, 37, 358-370.	1.1	18
32	Application of thiol-functionalized mesoporous silica-coated magnetite nanoparticles for the adsorption of heavy metals. <i>Desalination and Water Treatment</i> , 2016, 57, 19834-19845.	1.0	16
33	Effect of exercise therapy on quality of life of patients with multiple sclerosis in Iran: a systematic review and meta-analysis. <i>Neurological Sciences</i> , 2017, 38, 1901-1911.	0.9	16
34	Application of ZnO nanorods doped with Cu for enhanced sonocatalytic removal of Cr(VI) from aqueous solutions. <i>Environmental Science and Pollution Research</i> , 2020, 27, 2691-2706.	2.7	15
35	Application of Scallop shell-Fe <sub>3</sub> O <sub>4</sub> nanoparticles for the removal of Cr(VI) from aqueous solutions. <i>Water Science and Technology</i> , 2017, 75, 2369-2380.	1.2	11
36	Photocatalytic reduction of Cr(VI) from aqueous solution by visible light/CuO-Kaolin: Optimization and modeling of key parameters using central composite design (CCD). <i>Separation Science and Technology</i> , 2021, 56, 1253-1271.	1.3	8

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37	Intrinsic kinetics for fixed bed bioreactor in hospital wastewater treatment. <i>Water Science and Technology</i> , 2016, 74, 1992-1998.	1.2	2
38	Facile provision of CuO-Kaolin nanocomposite for boosted sonocatalytic removal of Cr(VI) from hydrous media. <i>Environmental Technology (United Kingdom)</i> , 2021, , 1-12.	1.2	2