

# Abdolhadi Farrokhnia

## List of Publications by Year in descending order

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17  
papers

240  
citations

1163117

8  
h-index

996975

15  
g-index

17  
all docs

17  
docs citations

17  
times ranked

245  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimized safranin adsorption onto poly(vinylidene fluoride)-based nanofiber via response surface methodology. <i>Materials Chemistry and Physics</i> , 2022, 276, 125407.	4.0	10
2	The adsorption of cationic dye onto ACPMG@ZIF-8 core-shell, optimization using central composite response surface methodology (CCRSM). <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 634, 128039.	4.7	13
3	Performance Evaluation of Nanocomposite Magnetic Mono-Tosyl- $\beta$ -Cyclodextrin Conjugated Carbon Nanotubes@Iron Oxide in Removal of Cr(III) from Aqueous Solutions Using Taguchi Method. <i>Russian Journal of Physical Chemistry A</i> , 2022, 96, 163-170.	0.6	2
4	Enhanced visible-light photocatalysis of TiO <sub>2</sub> /Fe <sub>3</sub> O <sub>4</sub> /BiOI nanocomposites as magnetically recoverable for the degradation of dye pollutants. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104937.	6.7	27
5	Photocatalytic degradation of 4-Nitrophenol by g-C <sub>3</sub> N <sub>4</sub> -MCy: Mechanism study and kinetic modeling. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 407, 113004.	3.9	5
6	Response surface methodology optimizing the adsorptive removal of azithromycin using mesoporous silica SBA-15: Mechanism, thermodynamic, equilibrium, and kinetics modeling studies. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2021, 56, 1145-1164.	1.7	4
7	Keratin nanoparticles obtained from human hair for removal of crystal violet from aqueous solution: Optimized by Taguchi method. <i>International Journal of Biological Macromolecules</i> , 2020, 143, 492-500.	7.5	50
8	Superparamagnetic recoverable flowerlike Fe <sub>3</sub> O <sub>4</sub> @Bi <sub>2</sub> O <sub>3</sub> core-shell with g-C <sub>3</sub> N <sub>4</sub> sheet nanocomposite: synthesis, characterization, mechanism and kinetic study of photo-catalytic activity. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 1022-1033.	2.2	10
9	Synthesis of ZnO@Ag <sub>2</sub> CO <sub>3</sub> @Fe <sub>3</sub> O <sub>4</sub> @rGO core-shell structure: magnetically separable photocatalyst for degradation of MB using the Box-Behnken design. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 19554-19568.	2.2	8
10	RSM optimized adsorptive removal of erythromycin using magnetic activated carbon: Adsorption isotherm, kinetic modeling and thermodynamic studies. <i>Sustainable Chemistry and Pharmacy</i> , 2020, 17, 100309.	3.3	46
11	Electro-Optical Properties and Structural Stability Perspectives of M <sub>3</sub> N and M <sub>2</sub> C <sub>2</sub> (M = Sc, La) Clusters Encapsulated in B <sub>80</sub> Fullerene: A Density Functional Theory Study. <i>Journal of Electronic Materials</i> , 2018, 47, 550-565.	2.2	5
12	The kinetic and thermodynamic study of the removal of Cr(VI) ion from aqueous solution by human hair waste. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 1741-1752.	2.2	4
13	Three-component synthesis of pyrano[2,3-d]pyrimidinone derivatives catalyzed by Ni <sup>2+</sup> supported on hydroxyapatite-core-shell- $\beta$ -Fe <sub>2</sub> O <sub>3</sub> nanoparticles in aqueous medium. <i>Research on Chemical Intermediates</i> , 2016, 42, 7597-7609.	2.7	30
14	Synthesis of Molecularly Imprinted Polymers Coated on Silica Nanoparticles for Removal of P-Nitrophenol from Crude Pharmaceuticals. <i>Pharmaceutical Chemistry Journal</i> , 2015, 49, 280-286.	0.8	6
15	A Kinetic and Mechanistic Study of the Cl/F Exchange Reaction of CCl <sub>3</sub> F, CCl <sub>2</sub> F <sub>2</sub> , and CClF <sub>3</sub> with Prefluorided Chromia. <i>Journal of Physical Chemistry B</i> , 2002, 106, 9567-9575.	2.6	3
16	Title is missing!. <i>Catalysis Letters</i> , 2001, 76, 241-245.	2.6	4
17	Kinetic and Mechanistic Study of the Reaction of CCl <sub>4</sub> with Prefluorided Chromia to Form CCl <sub>3</sub> F and CCl <sub>2</sub> F <sub>2</sub> . <i>Journal of Catalysis</i> , 1998, 174, 219-230.	6.2	13