

# Samira Arefi-Oskoui

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

1,113  
citations

471509

17  
h-index

752698

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1205  
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene-based ZnCr layered double hydroxide nanocomposites as bactericidal agents with high sonophotocatalytic performances for degradation of rifampicin. <i>Chemosphere</i> , 2022, 286, 131740.	8.2	44
2	Development of MoS <sub>2</sub> /O-MWCNTs/PES blended membrane for efficient removal of dyes, antibiotic, and protein. <i>Separation and Purification Technology</i> , 2022, 280, 119822.	7.9	122
3	Zinc-chromium layered double hydroxides anchored on carbon nanotube and biochar for ultrasound-assisted photocatalysis of rifampicin. <i>Ultrasonics Sonochemistry</i> , 2022, 82, 105875.	8.2	22
4	Improving photocatalytic activity of the ZnS QDs via lanthanide doping and photosensitizing with GO and g-C <sub>3</sub> N <sub>4</sub> for degradation of an azo dye and bisphenol-A under visible light irradiation. <i>Chemosphere</i> , 2022, 295, 133917.	8.2	21
5	Ultrasound-assisted catalytic activation of peroxydisulfate on Ti <sub>3</sub> GeC <sub>2</sub> MAX phase for efficient removal of hazardous pollutants. <i>Materials Today Chemistry</i> , 2022, 24, 100818.	3.5	32
6	Toxicity evaluation of bulk and nanosheet MoS <sub>2</sub> catalysts using battery bioassays. <i>Chemosphere</i> , 2021, 268, 128822.	8.2	25
7	Toxicity of Zn-Fe Layered Double Hydroxide to Different Organisms in the Aquatic Environment. <i>Molecules</i> , 2021, 26, 395.	3.8	18
8	Carboxymethyl cellulose/polyethersulfone thin-film composite membranes for low-pressure desalination. <i>Separation and Purification Technology</i> , 2021, 269, 118720.	7.9	17
9	A review on two-dimensional metal oxide and metal hydroxide nanosheets for modification of polymeric membranes. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 82, 31-41.	5.8	58
10	Modification of polyethersulfone ultrafiltration membrane using ultrasonic-assisted functionalized MoS <sub>2</sub> for treatment of oil refinery wastewater. <i>Separation and Purification Technology</i> , 2020, 238, 116495.	7.9	50
11	A review on the applications of ultrasonic technology in membrane bioreactors. <i>Ultrasonics Sonochemistry</i> , 2019, 58, 104633.	8.2	176
12	ZnFe-Cl nanolayered double hydroxide as a novel catalyst for sonocatalytic degradation of an organic dye. <i>Ultrasonics Sonochemistry</i> , 2018, 40, 703-713.	8.2	55
13	Effect of solvent type on the physicochemical properties and performance of NLDH/PVDF nanocomposite ultrafiltration membranes. <i>Separation and Purification Technology</i> , 2017, 184, 97-118.	7.9	44
14	Modeling and Optimization of NLDH/PVDF Ultrafiltration Nanocomposite Membrane Using Artificial Neural Network-Genetic Algorithm Hybrid. <i>ACS Combinatorial Science</i> , 2017, 19, 464-477.	3.8	29
15	Development of a novel high-flux PVDF-based ultrafiltration membrane by embedding Mg-Al nanolayered double hydroxide. <i>Journal of Industrial and Engineering Chemistry</i> , 2016, 41, 23-32.	5.8	67
16	Photocatalysis of sulfasalazine using Gd-doped PbSe nanoparticles under visible light irradiation: Kinetics, intermediate identification and phyto-toxicological studies. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 30, 134-146.	5.8	28
17	Synthesis and characterization of Pr <sub>x</sub> Zn <sub>1-x</sub> Se nanoparticles for photocatalysis of four textile dyes with different molecular structures. <i>Research on Chemical Intermediates</i> , 2015, 41, 8425-8439.	2.7	8
18	Sonocatalysis of a sulfa drug using neodymium-doped lead selenide nanoparticles. <i>Ultrasonics Sonochemistry</i> , 2015, 27, 345-358.	8.2	23

#	ARTICLE	IF	CITATIONS
19	Synthesis, characterization and photocatalytic properties of Er-doped PbSe nanoparticles as a visible light-activated photocatalyst. <i>Journal of Molecular Catalysis A</i> , 2015, 398, 255-267.	4.8	38
20	Sonochemical synthesis of Pr-doped ZnO nanoparticles for sonocatalytic degradation of Acid Red 17. <i>Ultrasonics Sonochemistry</i> , 2015, 22, 371-381.	8.2	236