

# Ibrahim Maamoun

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

961  
citations

430874

18  
h-index

752698

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

471  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical deposition of iron nanoparticles (FeO) on titanium nanowires for efficient adsorption of ciprofloxacin from water. <i>Water Practice and Technology</i> , 2022, 17, 75-83.	2.0	17
2	Encapsulation of iron nanoparticles with magnesium hydroxide shell for remarkable removal of ciprofloxacin from contaminated water. <i>Journal of Colloid and Interface Science</i> , 2022, 605, 813-827.	9.4	70
3	Efficient treatment of ammonia-nitrogen contaminated waters by nano zero-valent iron/zeolite composite. <i>Chemosphere</i> , 2022, 287, 131990.	8.2	66
4	Insights into boron removal from water using Mg-Al-LDH: Reaction parameters optimization & 3D-RSM modeling. <i>Journal of Water Process Engineering</i> , 2022, 46, 102608.	5.6	34
5	A novel method to improve methane generation from waste sludge using iron nanoparticles coated with magnesium hydroxide. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 158, 112192.	16.4	31
6	Synthesis of hybrid magnesium hydroxide/magnesium oxide nanorods [Mg(OH) <sub>2</sub> /MgO] for prompt and efficient adsorption of ciprofloxacin from aqueous solutions. <i>Journal of Cleaner Production</i> , 2022, 342, 130949.	9.3	44
7	Multi-functional magnesium hydroxide coating for iron nanoparticles towards prolonged reactivity in Cr(VI) removal from aqueous solutions. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107431.	6.7	41
8	Rapid and efficient chromium (VI) removal from aqueous solutions using nickel hydroxide nanoplates (nNiHs). <i>Journal of Molecular Liquids</i> , 2022, 358, 119216.	4.9	33
9	Promotion of ciprofloxacin adsorption from contaminated solutions by oxalate modified nanoscale zerovalent iron particles. <i>Journal of Molecular Liquids</i> , 2022, 359, 119323.	4.9	39
10	Novel Graphene-Based Foam Composite As a Highly Reactive Filter Medium for the Efficient Removal of Gemfibrozil from (Waste)Water. <i>Advanced Sustainable Systems</i> , 2022, 6, .	5.3	2
11	Insights into kinetics, isotherms and thermodynamics of phosphorus sorption onto nanoscale zero-valent iron. <i>Journal of Molecular Liquids</i> , 2021, 328, 115402.	4.9	73
12	New insight for electricity amplification in microbial fuel cells (MFCs) applying magnesium hydroxide coated iron nanoparticles. <i>Energy Conversion and Management</i> , 2021, 249, 114877.	9.2	40
13	Promoting aqueous and transport characteristics of highly reactive nanoscale zero valent iron via different layered hydroxide coatings. <i>Applied Surface Science</i> , 2020, 506, 145018.	6.1	58
14	Investigating the design parameters for a permeable reactive barrier consisting of nanoscale zero-valent iron and bimetallic iron/copper for phosphate removal. <i>Journal of Molecular Liquids</i> , 2020, 299, 112144.	4.9	53
15	Enhancing the characteristics and reactivity of nZVI: Polymers effect and mechanisms. <i>Journal of Molecular Liquids</i> , 2020, 315, 113714.	4.9	77
16	Multi-objective optimization of permeable reactive barrier design for Cr(VI) removal from groundwater. <i>Ecotoxicology and Environmental Safety</i> , 2020, 200, 110773.	6.0	58
17	Impact of nZVI on the formation of aerobic granules, bacterial growth and nutrient removal using aerobic sequencing batch reactor. <i>Environmental Technology and Innovation</i> , 2020, 19, 100911.	6.1	34
18	Magnetic zeolite synthesis for efficient removal of cesium in a lab-scale continuous treatment system. <i>Journal of Colloid and Interface Science</i> , 2020, 571, 66-79.	9.4	106

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19	Stimulating effect of magnesium hydroxide on aqueous characteristics of iron nanocomposites. Water Science and Technology, 2019, 80, 1996-2002.	2.5	34
20	Phosphate Removal Through Nano-Zero-Valent Iron Permeable Reactive Barrier; Column Experiment and Reactive Solute Transport Modeling. Transport in Porous Media, 2018, 125, 395-412.	2.6	51