Mahmoud Mazarji

List of Publications by Citations

25 papers	266 citations	8 h-index	16 g-index
28 ext. papers	396 ext. citations	5.2 avg, IF	3.76 L-index

#	Paper	IF	Citations
25	Removal of nitrate from aqueous solution using modified granular activated carbon. *Journal of Molecular Liquids*, **2017**, 233, 139-148	6	66
24	Accumulation of nanoparticles in the soil-plant systems and their effects on human health. *Annals of Agricultural Sciences*, **2020**, 65, 137-143	6.4	57
23	Preparation of Modified Reduced Graphene Oxide nanosheet with Cationic Surfactant and its Dye Adsorption Ability from Colored Wastewater. *Journal of Surfactants and Detergents*, **2017**, 20, 1085-1093	1.9	23
22	Cadmium selenide quantum dot-zinc oxide composite: Synthesis, characterization, dye removal ability with UV irradiation, and antibacterial activity as a safe and high-performance photocatalyst. *Journal of Photochemistry and Photobiology B: Biology*, **2018**, 188, 19-27	6.7	19
21	Effect of nanomaterials on remediation of polycyclic aromatic hydrocarbons-contaminated soils: A review. *Journal of Environmental Management*, **2021**, 284, 112023	7.9	15
20	One-pot synthesis of a reduced graphene oxide–ZnO nanorod composite and dye decolorization modeling. *Journal of the Taiwan Institute of Chemical Engineers*, **2017**, 80, 439-451	5.3	13
19	Graphene based ZnO nanoparticles to depolymerize lignin-rich residues via UV/iodide process. *Environment International*, **2019**, 125, 172-183	12.9	12
18	TiO2–AgCl Based Nanoparticles for Photocatalytic Production of Phenolic Compounds from Lignocellulosic Residues. *Energy & Fuels*, **2018**, 32, 6813-6822	4.1	8
17	Spatial distribution of heavy metals in soils of the flood plain of the Seversky Donets River (Russia) based on geostatistical methods. *Environmental Geochemistry and Health*, **2020**, 1	4.7	8
16	Influence of Silver Nanoparticles on the Biological Indicators of Haplic Chernozem. *Plants*, **2021**, 10,	4.5	8
15	Carbon dioxide anion radical as a tool to enhance lignin valorization. *Science of the Total Environment*, **2019**, 682, 47-58	10.2	7
14	Impact of humic acid on degradation of benzo(a)pyrene polluted Haplic Chernozem triggered by modified Fenton-like process. *Environmental Research*, **2020**, 190, 109948	7.9	5
13	Accumulating capacity of herbaceous plants of the Asteraceae and Poaceae families under technogenic soil pollution with zinc and cadmium. *Eurasian Journal of Soil Science*, **2020**, 9, 165-172	0.9	4
12	Impact of Metal-Based Nanoparticles on Cambisol Microbial Functionality, Enzyme Activity, and Plant Growth. *Plants*, **2021**, 10,	4.5	3
11	Sorption of benzo[a]pyrene by Chernozem and carbonaceous sorbents: comparison of kinetics and interaction mechanisms. *Environmental Geochemistry and Health*, **2021**, 1	4.7	3
10	Biochar-assisted Fenton-like oxidation of benzo[a]pyrene-contaminated soil. *Environmental Geochemistry and Health*, **2021**, 1	4.7	3
9	A Review on Coagulation/Flocculation in Dewatering of Coal Slurry. *Water (Switzerland)*, **2022**, 14, 918	3	3

List of Publications

8	Green synthesis of reduced graphene oxide-CoFe2O4 nanocomposite as a highly efficient visible-light-driven catalyst in photocatalysis and photo Fenton-like reaction. *Materials Science and Engineering B: Solid-State Materials for Advanced Technology*, **2021**, 270, 115223	3.1	2
7	Realizing United Nations Sustainable Development Goals for Greener Remediation of Heavy Metals-Contaminated Soils by Biochar: Emerging Trends and Future Directions. *Sustainability*, **2021**, 13, 13825	3.6	2
6	Metodological aspects in the studying of soil particle size distribution under contamination and after reclamation. *E3S Web of Conferences*, **2020**, 169, 01025	0.5	1
5	Influence of carbon-containing and mineral sorbents on the toxicity of soil contaminated with benzo[a]pyrene during phytotesting. *Environmental Geochemistry and Health*, **2021**, 1	4.7	1
4	Nitrogen state of Haplic Chernozem of the European part of Southern Russia in the implementation of resource-saving technologies. *Journal of the Science of Food and Agriculture*, **2021**, 101, 2312-2318	4.3	1
3	Subcritical water extraction of organic acids from chicken manure. *Journal of the Science of Food and Agriculture*, **2021**, 101, 1523-1529	4.3	1
2	The effect of resource-saving tillage technologies on the mobility, distribution and migration of trace elements in soil.. *Environmental Geochemistry and Health*, **2022**, 1	4.7	0
1	Decrypting the synergistic action of the Fenton process and biochar addition for sustainable remediation of real technogenic soil from PAHs and heavy metals.. *Environmental Pollution*, **2022**, 119096	8.3	0