Seyyedali Mirshahghassemi

List of Publications by Year in Descending Order

8 papers	241 citations
6 h-index	8 g-index
8 ext. papers	276 ext. citations
6.9 avg, IF	3.86 L-index

#	Paper	IF	Citations
8	Mechanistic study of oil adsorption onto PVP-coated magnetic nanoparticles: an integrated experimental and molecular dynamics study to inform remediation. *Environmental Science: Nano*, **2021**, 8, 485-492	7.1	3
7	Metal (Cd, Cr, Ni, Pb) removal from environmentally relevant waters using polyvinylpyrrolidone-coated magnetite nanoparticles.. *RSC Advances*, **2020**, 10, 3266-3276	3.7	33
6	A Comparison between the Oil Removal Capacity of Polymer-Coated Magnetic Nanoparticles in Natural and Synthetic Environmental Samples. *Environmental Science & Technology*, **2019**, 53, 4426-4432	10.3	11
5	Facile Flow-Through Synthesis Method for Production of Large Quantities of Polyvinylpyrrolidone-Coated Magnetic Iron Oxide Nanoparticles for Oil Remediation. *Environmental Engineering Science*, **2018**, 35, 67-75	2	4
4	Application of high gradient magnetic separation for oil remediation using polymer-coated magnetic nanoparticles. *Separation and Purification Technology*, **2017**, 179, 328-334	8.3	51
3	Use of PVP-coated magnetite nanoparticles to ameliorate oil toxicity to an estuarine meiobenthic copepod and stimulate the growth of oil-degrading bacteria. *Environmental Science: Nano*, **2017**, 4, 1859-1865	7.1	9
2	Evaluation of polymer-coated magnetic nanoparticles for oil separation under environmentally relevant conditions: effect of ionic strength and natural organic macromolecules. *Environmental Science: Nano*, **2016**, 3, 780-787	7.1	27
1	Oil Recovery from Water under Environmentally Relevant Conditions Using Magnetic Nanoparticles. *Environmental Science & Technology*, **2015**, 49, 11729-36	10.3	103