Arm Afrooz

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

23 papers	969 citations	19 h-index	25 g-index
25 ext. papers	1,106 ext. citations	6.3 avg, IF	4.34 L-index

#	Paper	IF	Citations
23	Conventional and amended bioretention soil media for targeted pollutant treatment: A critical review to guide the state of the practice. *Water Research*, **2021**, 189, 116648	12.5	26
22	Fecal indicator bacteria and virus removal in stormwater biofilters: Effects of biochar, media saturation, and field conditioning. *PLoS ONE*, **2019**, 14, e0222719	3.7	19
21	Role of microbial cell properties on bacterial pathogen and coliphage removal in biochar-modified stormwater biofilters. *Environmental Science: Water Research and Technology*, **2018**, 4, 2160-2169	4.2	17
20	Effects of submerged zone, media aging, and antecedent dry period on the performance of biochar-amended biofilters in removing fecal indicators and nutrients from natural stormwater. *Ecological Engineering*, **2017**, 102, 320-330	3.9	50
19	Escherichia coli Removal in Biochar-Modified Biofilters: Effects of Biofilm. *PLoS ONE*, **2016**, 11, e0167489	3.7	24
18	Indicator and Pathogen Removal by Low Impact Development Best Management Practices. *Water (Switzerland)*, **2016**, 8, 600	3	23
17	Co-transport of gold nanospheres with single-walled carbon nanotubes in saturated porous media. *Water Research*, **2016**, 99, 7-15	12.5	31
16	Aggregation Kinetics and Fractal Dimensions of Nanomaterials in Environmental Systems **2016**, 139-159		3
15	Change in Chirality of Semiconducting Single-Walled Carbon Nanotubes Can Overcome Anionic Surfactant Stabilization: A Systematic Study of Aggregation Kinetics. *Environmental Chemistry*, **2015**, 12, 652-661	3.2	9
14	Examination of Single-Walled Carbon Nanotubes Uptake and Toxicity from Dietary Exposure: Tracking Movement and Impacts in the Gastrointestinal System. *Nanomaterials*, **2015**, 5, 1066-1086	5.4	29
13	Effects of chloride and ionic strength on physical morphology, dissolution, and bacterial toxicity of silver nanoparticles. *Environmental Science & Technology*, **2014**, 48, 761-9	10.3	141
12	Tracking and quantification of single-walled carbon nanotubes in fish using near infrared fluorescence. *Environmental Science & Technology*, **2014**, 48, 1973-83	10.3	40
11	Emergent Properties and Toxicological Considerations for Nanohybrid Materials in Aquatic Systems. *Nanomaterials*, **2014**, 4, 372-407	5.4	36
10	Aggregate size and structure determination of nanomaterials in physiological media: importance of dynamic evolution. *Journal of Nanoparticle Research*, **2014**, 16, 1	2.3	6
9	Single-walled carbon nanotubes increase pandemic influenza A H1N1 virus infectivity of lung epithelial cells. *Particle and Fibre Toxicology*, **2014**, 11, 66	8.4	31
8	Fractal structures of single-walled carbon nanotubes in biologically relevant conditions: role of chirality vs. media conditions. *Chemosphere*, **2013**, 93, 1997-2003	8.4	20
7	Spheres vs. rods: the shape of gold nanoparticles influences aggregation and deposition behavior. *Chemosphere*, **2013**, 91, 93-8	8.4	42

6	Chirality affects aggregation kinetics of single-walled carbon nanotubes. *Environmental Science & Technology*, **2013**, 47, 1844-52	10.3	47
5	Mechanistic heteroaggregation of gold nanoparticles in a wide range of solution chemistry. *Environmental Science & Technology*, **2013**, 47, 1853-60	10.3	69
4	Does shape matter? Bioeffects of gold nanomaterials in a human skin cell model. *Langmuir*, **2012**, 28, 3248-58	4	101
3	Effect of gold nanosphere surface chemistry on protein adsorption and cell uptake in vitro. *Applied Biochemistry and Biotechnology*, **2012**, 167, 327-37	3.2	25
2	The effect of TiO(2) and Ag nanoparticles on reproduction and development of Drosophila melanogaster and CD-1 mice. *Toxicology and Applied Pharmacology*, **2011**, 257, 429-36	4.6	102
1	Investigating the effects of functionalized carbon nanotubes on reproduction and development in Drosophila melanogaster and CD-1 mice. *Reproductive Toxicology*, **2011**, 32, 442-8	3.4	75