

# Arm Afrooz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6770169/publications.pdf>

Version: 2024-02-01

23  
papers

1,220  
citations

394286

19  
h-index

642610

23  
g-index

25  
all docs

25  
docs citations

25  
times ranked

2058  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Chloride and Ionic Strength on Physical Morphology, Dissolution, and Bacterial Toxicity of Silver Nanoparticles. <i>Environmental Science &amp; Technology</i> , 2014, 48, 761-769.	4.6	168
2	The effect of TiO <sub>2</sub> and Ag nanoparticles on reproduction and development of <i>Drosophila melanogaster</i> and CD-1 mice. <i>Toxicology and Applied Pharmacology</i> , 2011, 257, 429-436.	1.3	117
3	Does Shape Matter? Bioeffects of Gold Nanomaterials in a Human Skin Cell Model. <i>Langmuir</i> , 2012, 28, 3248-3258.	1.6	112
4	Conventional and amended bioretention soil media for targeted pollutant treatment: A critical review to guide the state of the practice. <i>Water Research</i> , 2021, 189, 116648.	5.3	91
5	Investigating the effects of functionalized carbon nanotubes on reproduction and development in <i>Drosophila melanogaster</i> and CD-1 mice. <i>Reproductive Toxicology</i> , 2011, 32, 442-448.	1.3	86
6	Mechanistic Heteroaggregation of Gold Nanoparticles in a Wide Range of Solution Chemistry. <i>Environmental Science &amp; Technology</i> , 2013, 47, 1853-1860.	4.6	78
7	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. <i>Ecological Engineering</i> , 2017, 102, 320-330.	1.6	75
8	Chirality Affects Aggregation Kinetics of Single-Walled Carbon Nanotubes. <i>Environmental Science &amp; Technology</i> , 2013, 47, 1844-1852.	4.6	52
9	Spheres vs. rods: The shape of gold nanoparticles influences aggregation and deposition behavior. <i>Chemosphere</i> , 2013, 91, 93-98.	4.2	49
10	Tracking and Quantification of Single-Walled Carbon Nanotubes in Fish Using Near Infrared Fluorescence. <i>Environmental Science &amp; Technology</i> , 2014, 48, 1973-1983.	4.6	49
11	Emergent Properties and Toxicological Considerations for Nanohybrid Materials in Aquatic Systems. <i>Nanomaterials</i> , 2014, 4, 372-407.	1.9	44
12	Single-walled carbon nanotubes increase pandemic influenza A H1N1 virus infectivity of lung epithelial cells. <i>Particle and Fibre Toxicology</i> , 2014, 11, 66.	2.8	40
13	Examination of Single-Walled Carbon Nanotubes Uptake and Toxicity from Dietary Exposure: Tracking Movement and Impacts in the Gastrointestinal System. <i>Nanomaterials</i> , 2015, 5, 1066-1086.	1.9	36
14	Co-transport of gold nanospheres with single-walled carbon nanotubes in saturated porous media. <i>Water Research</i> , 2016, 99, 7-15.	5.3	36
15	<i>Escherichia coli</i> Removal in Biochar-Modified Biofilters: Effects of Biofilm. <i>PLoS ONE</i> , 2016, 11, e0167489.	1.1	32
16	Effect of Gold Nanosphere Surface Chemistry on Protein Adsorption and Cell Uptake In Vitro. <i>Applied Biochemistry and Biotechnology</i> , 2012, 167, 327-337.	1.4	28
17	Indicator and Pathogen Removal by Low Impact Development Best Management Practices. <i>Water (Switzerland)</i> , 2016, 8, 600.	1.2	28
18	Fecal indicator bacteria and virus removal in stormwater biofilters: Effects of biochar, media saturation, and field conditioning. <i>PLoS ONE</i> , 2019, 14, e0222719.	1.1	28

#	ARTICLE	IF	CITATIONS
19	Fractal structures of single-walled carbon nanotubes in biologically relevant conditions: Role of chirality vs. media conditions. <i>Chemosphere</i> , 2013, 93, 1997-2003.	4.2	22
20	Role of microbial cell properties on bacterial pathogen and coliphage removal in biochar-modified stormwater biofilters. <i>Environmental Science: Water Research and Technology</i> , 2018, 4, 2160-2169.	1.2	21
21	Change in chirality of semiconducting single-walled carbon nanotubes can overcome anionic surfactant stabilisation: a systematic study of aggregation kinetics. <i>Environmental Chemistry</i> , 2015, 12, 652.	0.7	13
22	Aggregate size and structure determination of nanomaterials in physiological media: importance of dynamic evolution. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	0.8	8
23	Nano in a Global Context: Modular Course Design with Integrated Ethics Improves Core Knowledge in Nanotechnology. <i>Journal of Nano Education (Print)</i> , 2014, 6, 124-131.	0.3	0