

Stacey L Harper

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.

49
papers

2,058
citations

24
h-index

45
g-index

51
ext. papers

2,352
ext. citations

5.8
avg, IF

5.02
L-index

#	Paper	IF	Citations
49	Toxicity of micro and nano tire particles and leachate for model freshwater organisms.. <i>Journal of Hazardous Materials</i> , 2022 , 429, 128319	12.8	3
48	Identifying diverse metal oxide nanomaterials with lethal effects on embryonic zebrafish using machine learning.. <i>Beilstein Journal of Nanotechnology</i> , 2021 , 12, 1297-1325	3	1
47	Fluorescently Labeled Cellulose Nanofibers for Environmental Health and Safety Studies. <i>Nanomaterials</i> , 2021 , 11,	5.4	5
46	Hybrid Polyoxometalate Salt Adhesion by Butyltin Functionalization. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 19497-19506	9.5	2
45	Effect of Nanoplastic Type and Surface Chemistry on Particle Agglomeration over a Salinity Gradient. <i>Environmental Toxicology and Chemistry</i> , 2021 , 40, 1822-1828	3.8	0
44	Silver Nanoparticles Stable to Oxidation and Silver Ion Release Show Size-Dependent Toxicity In Vivo. <i>Nanomaterials</i> , 2021 , 11,	5.4	11
43	In Vivo Toxicity Assessment of Chitosan-Coated Lignin Nanoparticles in Embryonic Zebrafish (). <i>Nanomaterials</i> , 2021 , 11,	5.4	9
42	What is Environmentally Relevant? A framework to advance research on the environmental fate and effects of engineered nanomaterials. <i>Environmental Science: Nano</i> , 2021 , 8, 2414-2429	7.1	3
41	Preliminary Examination of the Toxicity of Spalting Fungal Pigments: A Comparison between Extraction Methods. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021 , 7,	5.6	4
40	Can an InChI for Nano Address the Need for a Simplified Representation of Complex Nanomaterials across Experimental and Nanoinformatics Studies?. <i>Nanomaterials</i> , 2020 , 10,	5.4	10
39	Adaptive methodology to determine hydrophobicity of nanomaterials in situ. <i>PLoS ONE</i> , 2020 , 15, e0233844	3.74	9
38	Size-Dependent Interactions of Lipid-Coated Gold Nanoparticles: Developing a Better Mechanistic Understanding Through Model Cell Membranes and in vivo Toxicity. <i>International Journal of Nanomedicine</i> , 2020 , 15, 4091-4104	7.3	14
37	Assessment of Cu and CuO nanoparticle ecological responses using laboratory small-scale microcosms. <i>Environmental Science: Nano</i> , 2020 , 7, 105-115	7.1	27
36	Harmonizing across environmental nanomaterial testing media for increased comparability of nanomaterial datasets. <i>Environmental Science: Nano</i> , 2020 , 7, 13-36	7.1	23
35	Monoalkyl Tin Nano-Cluster Films Reveal a Low Environmental Impact under Simulated Natural Conditions. <i>Environmental Toxicology and Chemistry</i> , 2019 , 38, 2651-2658	3.8	
34	Pesticide Encapsulation at the Nanoscale Drives Changes to the Hydrophobic Partitioning and Toxicity of an Active Ingredient. <i>Nanomaterials</i> , 2019 , 9,	5.4	24
33	Potential Risk to Pollinators from Nanotechnology-Based Pesticides. <i>Molecules</i> , 2019 , 24,	4.8	9

32	Comparative dissolution, uptake, and toxicity of zinc oxide particles in individual aquatic species and mixed populations. <i>Environmental Toxicology and Chemistry</i> , 2019 , 38, 591-602	3.8	30
31	Toxicological Assessment of a Lignin Core Nanoparticle Doped with Silver as an Alternative to Conventional Silver Core Nanoparticles. <i>Antibiotics</i> , 2018 , 7,	4.9	10
30	Integration among databases and data sets to support productive nanotechnology: Challenges and recommendations. <i>NanoImpact</i> , 2018 , 9, 85-101	5.6	39
29	Reactive oxygen species generation is likely a driver of copper based nanomaterial toxicity. <i>Environmental Science: Nano</i> , 2018 , 5, 1473-1481	7.1	12
28	Differential dissolution and toxicity of surface functionalized silver nanoparticles in small-scale microcosms: impacts of community complexity. <i>Environmental Science: Nano</i> , 2017 , 4, 359-372	7.1	30
27	Uptake and toxicity of CuO nanoparticles to <i>Daphnia magna</i> varies between indirect dietary and direct waterborne exposures. <i>Aquatic Toxicology</i> , 2017 , 190, 78-86	5.1	32
26	Guidance to improve the scientific value of zeta-potential measurements in nanoEHS. <i>Environmental Science: Nano</i> , 2016 , 3, 953-965	7.1	173
25	The influence of size on the toxicity of an encapsulated pesticide: a comparison of micron- and nano-sized capsules. <i>Environment International</i> , 2016 , 86, 68-74	12.9	38
24	Impacts of chemical modification on the toxicity of diverse nanocellulose materials to developing zebrafish. <i>Cellulose</i> , 2016 , 23, 1763-1775	5.5	48
23	How should the completeness and quality of curated nanomaterial data be evaluated?. <i>Nanoscale</i> , 2016 , 8, 9919-43	7.7	65
22	Visualization tool for correlating nanomaterial properties and biological responses in zebrafish. <i>Environmental Science: Nano</i> , 2016 , 3, 1280-1292	7.1	4
21	Evaluating the use of zinc oxide and titanium dioxide nanoparticles in a metalworking fluid from a toxicological perspective. <i>Journal of Nanoparticle Research</i> , 2015 , 17, 1	2.3	12
20	Nitric Oxide-Releasing Nanoparticles Prevent <i>Propionibacterium acnes</i> -Induced Inflammation by Both Clearing the Organism and Inhibiting Microbial Stimulation of the Innate Immune Response. <i>Journal of Investigative Dermatology</i> , 2015 , 135, 2723-2731	4.3	31
19	Effect of pH and ionic strength on exposure and toxicity of encapsulated lambda-cyhalothrin to <i>Daphnia magna</i> . <i>Science of the Total Environment</i> , 2015 , 538, 683-91	10.2	6
18	Curcumin-encapsulated nanoparticles as innovative antimicrobial and wound healing agent. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015 , 11, 195-206	6	291
17	Influence of surface chemical properties on the toxicity of engineered zinc oxide nanoparticles to embryonic zebrafish. <i>Beilstein Journal of Nanotechnology</i> , 2015 , 6, 1568-79	3	26
16	The Nanomaterial Data Curation Initiative: A collaborative approach to assessing, evaluating, and advancing the state of the field. <i>Beilstein Journal of Nanotechnology</i> , 2015 , 6, 1752-62	3	29
15	Comparative hazard analysis and toxicological modeling of diverse nanomaterials using the embryonic zebrafish (EZ) metric of toxicity. <i>Journal of Nanoparticle Research</i> , 2015 , 17, 250	2.3	27

14	S-nitrosocaptopril nanoparticles as nitric oxide-liberating and transnitrosylating anti-infective technology. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015 , 11, 283-91	6	11
13	Stability and Biological Responses of Zinc Oxide Metalworking Nanofluids (ZnO MWnF) using Dynamic Light Scattering and Zebrafish Assays. <i>Tribology Transactions</i> , 2014 , 57, 730-739	1.8	9
12	Comparative toxicological assessment of PAMAM and thiophosphoryl dendrimers using embryonic zebrafish. <i>International Journal of Nanomedicine</i> , 2014 , 9, 1947-56	7.3	38
11	The impact of aminated surface ligands and silica shells on the stability, uptake, and toxicity of engineered silver nanoparticles. <i>Journal of Nanoparticle Research</i> , 2014 , 16, 2761	2.3	18
10	The Impact of Surface Ligands and Synthesis Method on the Toxicity of Glutathione-Coated Gold Nanoparticles. <i>Nanomaterials</i> , 2014 , 4, 355-371	5.4	28
9	Stability of citrate-capped silver nanoparticles in exposure media and their effects on the development of embryonic zebrafish (<i>Danio rerio</i>). <i>Archives of Pharmacal Research</i> , 2013 , 36, 125-33	6.1	52
8	Nanoinformatics workshop report: Current resources, community needs, and the proposal of a collaborative framework for data sharing and information integration. <i>Computational Science & Discovery</i> , 2013 , 6, 14008		7
7	Predictive modeling of nanomaterial exposure effects in biological systems. <i>International Journal of Nanomedicine</i> , 2013 , 8 Suppl 1, 31-43	7.3	31
6	Systematic evaluation of nanomaterial toxicity: utility of standardized materials and rapid assays. <i>ACS Nano</i> , 2011 , 5, 4688-97	16.7	144
5	Informatics and standards for nanomedicine technology. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2011 , 3, 511-532	9.2	32
4	Evaluation of embryotoxicity using the zebrafish model. <i>Methods in Molecular Biology</i> , 2011 , 691, 271-9	1.4	160
3	Fullerene C60 exposure elicits an oxidative stress response in embryonic zebrafish. <i>Toxicology and Applied Pharmacology</i> , 2008 , 229, 44-55	4.6	189
2	Proactively designing nanomaterials to enhance performance and minimise hazard. <i>International Journal of Nanotechnology</i> , 2008 , 5, 124	1.5	37
1	In vivo evaluation of carbon fullerene toxicity using embryonic zebrafish. <i>Carbon</i> , 2007 , 45, 1891-1898	10.4	245