

# Melissa A Maurer-Jones

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7907512/publications.pdf>

Version: 2024-02-01

18  
papers

1,588  
citations

777949

13  
h-index

939365

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

3705  
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of plastic additives on <i>Shewanella oneidensis</i> growth and function. <i>Environmental Sciences: Processes and Impacts</i> , 2021, 23, 956-966.	1.7	2
2	Quantifying Photochemical Transformations of Poly(butylene adipate- <i>co</i> -terephthalate) Films. <i>ACS Applied Polymer Materials</i> , 2021, 3, 1003-1011.	2.0	16
3	Impacts of Nanoplastics on the Viability and Riboflavin Secretion in the Model Bacteria <i>Shewanella oneidensis</i> . <i>Frontiers in Environmental Science</i> , 2020, 8, .	1.5	27
4	Characterizing microplastic size and morphology of photodegraded polymers placed in simulated moving water conditions. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 398-407.	1.7	66
5	Photochemical Transformation of Poly(butylene adipate- <i>co</i> -terephthalate) and Its Effects on Enzymatic Hydrolyzability. <i>Environmental Science &amp; Technology</i> , 2019, 53, 2472-2481.	4.6	45
6	Platelet membrane variations and their effects on $\alpha$ -granule secretion kinetics and aggregation spreading among different species. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 1609-1618.	1.4	12
7	Activities for Middle School Students To Sleuth a Chemistry "Whodunit" and Investigate the Scientific Method. <i>Journal of Chemical Education</i> , 2014, 91, 410-413.	1.1	11
8	Characterization of silver ion dissolution from silver nanoparticles using fluoros-phase ion-selective electrodes and assessment of resultant toxicity to <i>Shewanella oneidensis</i> . <i>Chemical Science</i> , 2013, 4, 2564.	3.7	75
9	Toxicity of Engineered Nanoparticles in the Environment. <i>Analytical Chemistry</i> , 2013, 85, 3036-3049.	3.2	604
10	Toxicity of Nanoparticles to Brine Shrimp: An Introduction to Nanotoxicity and Interdisciplinary Science. <i>Journal of Chemical Education</i> , 2013, 90, 475-478.	1.1	38
11	Impact of TiO <sub>2</sub> Nanoparticles on Growth, Biofilm Formation, and Flavin Secretion in <i>Shewanella oneidensis</i> . <i>Analytical Chemistry</i> , 2013, 85, 5810-5818.	3.2	83
12	Toward Correlation in <i>In Vivo</i> and <i>In Vitro</i> Nanotoxicology Studies. <i>Journal of Law, Medicine and Ethics</i> , 2012, 40, 795-801.	0.4	14
13	TiO <sub>2</sub> nanoparticle-induced ROS correlates with modulated immune cell function. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	0.8	14
14	Assessing Nanoparticle Toxicity. <i>Annual Review of Analytical Chemistry</i> , 2012, 5, 181-205.	2.8	309
15	The bench scientist's perspective on the unique considerations in nanoparticle regulation. <i>Journal of Nanoparticle Research</i> , 2011, 13, 1389-1400.	0.8	6
16	Functional Assessment of Metal Oxide Nanoparticle Toxicity in Immune Cells. <i>ACS Nano</i> , 2010, 4, 3363-3373.	7.3	155
17	Amperometric assessment of functional changes in nanoparticle-exposed immune cells: varying Au nanoparticle exposure time and concentration. <i>Analyt. Chem.</i> , 2009, 81, 2293.	1.7	32
18	Toxicity of therapeutic nanoparticles. <i>Nanomedicine</i> , 2009, 4, 219-241.	1.7	79