

Nicholas K Geitner

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,008
citations

430754

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552653

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docs citations

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times ranked

1826
citing authors

#	ARTICLE	IF	CITATIONS
1	Lack of Detectable Direct Effects of Silver and Silver Nanoparticles on Mitochondria in Mouse Hepatocytes. <i>Environmental Science & Technology</i> , 2021, 55, 11166-11175.	4.6	11
2	Caveats to the use of MTT, neutral red, Hoechst and Resazurin to measure silver nanoparticle cytotoxicity. <i>Chemico-Biological Interactions</i> , 2020, 315, 108868.	1.7	30
3	Harmonizing across environmental nanomaterial testing media for increased comparability of nanomaterial datasets. <i>Environmental Science: Nano</i> , 2020, 7, 13-36.	2.2	32
4	Nanoparticle affinity for natural soils: a functional assay for determining particle attachment efficiency in complex systems. <i>Environmental Science: Nano</i> , 2020, 7, 1719-1729.	2.2	8
5	Delivery, Fate, and Mobility of Silver Nanoparticles in Citrus Trees. <i>ACS Nano</i> , 2020, 14, 2966-2981.	7.3	49
6	Differential Reactivity of Copper- and Gold-Based Nanomaterials Controls Their Seasonal Biogeochemical Cycling and Fate in a Freshwater Wetland Mesocosm. <i>Environmental Science & Technology</i> , 2020, 54, 1533-1544.	4.6	29
7	Formulation and Validation of a Functional Assay-Driven Model of Nanoparticle Aquatic Transport. <i>Environmental Science & Technology</i> , 2019, 53, 3104-3109.	4.6	18
8	Comparative Persistence of Engineered Nanoparticles in a Complex Aquatic Ecosystem. <i>Environmental Science & Technology</i> , 2018, 52, 4072-4078.	4.6	56
9	Tailoring the Core-Satellite Nanoassembly Architectures by Tuning Internanoparticle Electrostatic Interactions. <i>Langmuir</i> , 2018, 34, 14617-14623.	1.6	17
10	Engineered nanoparticles interact with nutrients to intensify eutrophication in a wetland ecosystem experiment. <i>Ecological Applications</i> , 2018, 28, 1435-1449.	1.8	30
11	Size-Based Differential Transport, Uptake, and Mass Distribution of Ceria (CeO ₂) Nanoparticles in Wetland Mesocosms. <i>Environmental Science & Technology</i> , 2018, 52, 9768-9776.	4.6	52
12	Gold nanoparticle biodissolution by a freshwater macrophyte and its associated microbiome. <i>Nature Nanotechnology</i> , 2018, 13, 1072-1077.	15.6	68
13	Reducing Intestinal Digestion and Absorption of Fat Using a Nature-Derived Biopolymer: Interference of Triglyceride Hydrolysis by Nanocellulose. <i>ACS Nano</i> , 2018, 12, 6469-6479.	7.3	148
14	Measuring Nanoparticle Attachment Efficiency in Complex Systems. <i>Environmental Science & Technology</i> , 2017, 51, 13288-13294.	4.6	45
15	Mechanistic Insights from Discrete Molecular Dynamics Simulations of Pesticide-Nanoparticle Interactions. <i>Environmental Science & Technology</i> , 2017, 51, 8396-8404.	4.6	22
16	Nanoparticle Surface Affinity as a Predictor of Trophic Transfer. <i>Environmental Science & Technology</i> , 2016, 50, 6663-6669.	4.6	48
17	Deviation from the Unimolecular Micelle Paradigm of PAMAM Dendrimers Induced by Strong Interligand Interactions. <i>Journal of Physical Chemistry C</i> , 2015, 119, 19475-19484.	1.5	6
18	PAMAM Dendrimers and Graphene: Materials for Removing Aromatic Contaminants from Water. <i>Environmental Science & Technology</i> , 2015, 49, 4490-4497.	4.6	40

#	ARTICLE	IF	CITATIONS
19	Structure–Function Relationship of PAMAM Dendrimers as Robust Oil Dispersants. <i>Environmental Science & Technology</i> , 2014, 48, 12868-12875.	4.6	21
20	Direct observation of a single nanoparticle–ubiquitin corona formation. <i>Nanoscale</i> , 2013, 5, 9162.	2.8	116
21	Competitive Binding of Natural Amphiphiles with Graphene Derivatives. <i>Scientific Reports</i> , 2013, 3, 2273.	1.6	61
22	Effects of dendrimer oil dispersants on <i>Dictyostelium discoideum</i> . <i>RSC Advances</i> , 2013, 3, 25930.	1.7	6
23	Exploiting the physicochemical properties of dendritic polymers for environmental and biological applications. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 4477.	1.3	29
24	Binding of cytoskeletal proteins with silver nanoparticles. <i>RSC Advances</i> , 2013, 3, 22002.	1.7	36
25	Understanding dendritic polymer–hydrocarbon interactions for oil dispersion. <i>RSC Advances</i> , 2012, 2, 9371.	1.7	16
26	The morphology and evolution of bipyramidal gold nanoparticles. <i>Nanotechnology</i> , 2011, 22, 275607.	1.3	14