Nicholas K Geitner

List of Publications by Year
in descending order

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Version: 2024-02-01

26	1,008	430754	552653
papers	citations	18 h-index	26 g-index

26	26	26	1826
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reducing Intestinal Digestion and Absorption of Fat Using a Nature-Derived Biopolymer: Interference of Triglyceride Hydrolysis by Nanocellulose. ACS Nano, 2018, 12, 6469-6479.	7.3	148
2	Direct observation of a single nanoparticleâ€“ubiquitin corona formation. Nanoscale, 2013, 5, 9162.	2.8	116
3	Gold nanoparticle biodissolution by a freshwater macrophyte and its associated microbiome. Nature Nanotechnology, 2018, 13, 1072-1077.	15.6	68
4	Competitive Binding of Natural Amphiphiles with Graphene Derivatives. Scientific Reports, 2013, 3, 2273.	1.6	61
5	Comparative Persistence of Engineered Nanoparticles in a Complex Aquatic Ecosystem. Environmental Science & Technology, 2018, 52, 4072-4078.	4.6	56
6	Size-Based Differential Transport, Uptake, and Mass Distribution of Ceria (CeO₂) Nanoparticles in Wetland Mesocosms. Environmental Science & Technology, 2018, 52, 9768-9776.	4.6	52
7	Delivery, Fate, and Mobility of Silver Nanoparticles in Citrus Trees. ACS Nano, 2020, 14, 2966-2981.	7.3	49
8	Nanoparticle Surface Affinity as a Predictor of Trophic Transfer. Environmental Science & Technology, 2016, 50, 6663-6669.	4.6	48
9	Measuring Nanoparticle Attachment Efficiency in Complex Systems. Environmental Science & Technology, 2017, 51, 13288-13294.	4.6	45
10	PAMAM Dendrimers and Graphene: Materials for Removing Aromatic Contaminants from Water. Environmental Science & Technology, 2015, 49, 4490-4497.	4.6	40
11	Binding of cytoskeletal proteins with silver nanoparticles. RSC Advances, 2013, 3, 22002.	1.7	36
12	Harmonizing across environmental nanomaterial testing media for increased comparability of nanomaterial datasets. Environmental Science: Nano, 2020, 7, 13-36.	2.2	32
13	Engineered nanoparticles interact with nutrients to intensify eutrophication in a wetland ecosystem experiment. Ecological Applications, 2018, 28, 1435-1449.	1.8	30
14	Caveats to the use of MTT, neutral red, Hoechst and Resazurin to measure silver nanoparticle cytotoxicity. Chemico-Biological Interactions, 2020, 315, 108868.	1.7	30
15	Exploiting the physicochemical properties of dendritic polymers for environmental and biological applications. Physical Chemistry Chemical Physics, 2013, 15, 4477.	1.3	29
16	Differential Reactivity of Copper- and Gold-Based Nanomaterials Controls Their Seasonal Biogeochemical Cycling and Fate in a Freshwater Wetland Mesocosm. Environmental Science & Technology, 2020, 54, 1533-1544.	4.6	29
17	Mechanistic Insights from Discrete Molecular Dynamics Simulations of Pesticideâ€“Nanoparticle Interactions. Environmental Science & Technology, 2017, 51, 8396-8404.	4.6	22
18	Structureâ€“Function Relationship of PAMAM Dendrimers as Robust Oil Dispersants. Environmental Science & Technology, 2014, 48, 12868-12875.	4.6	21

#	Article	IF	Citations
19	Formulation and Validation of a Functional Assay-Driven Model of Nanoparticle Aquatic Transport. Environmental Science & Technology, 2019, 53, 3104-3109.	4.6	18
20	Tailoring the Coreâ€“Satellite Nanoassembly Architectures by Tuning Internanoparticle Electrostatic Interactions. Langmuir, 2018, 34, 14617-14623.	1.6	17
21	Understanding dendritic polymerâ€“hydrocarbon interactions for oil dispersion. RSC Advances, 2012, 2, 9371.	1.7	16
22	The morphology and evolution of bipyramidal gold nanoparticles. Nanotechnology, 2011, 22, 275607.	1.3	14
23	Lack of Detectable Direct Effects of Silver and Silver Nanoparticles on Mitochondria in Mouse Hepatocytes. Environmental Science & Technology, 2021, 55, 11166-11175.	4.6	11
24	Nanoparticle affinity for natural soils: a functional assay for determining particle attachment efficiency in complex systems. Environmental Science: Nano, 2020, 7, 1719-1729.	2.2	8
25	Effects of dendrimer oil dispersants on Dictyostelium discoideum. RSC Advances, 2013, 3, 25930.	1.7	6
26	Deviation from the Unimolecular Micelle Paradigm of PAMAM Dendrimers Induced by Strong Interligand Interactions. Journal of Physical Chemistry C, 2015, 119, 19475-19484.	1.5	6