Guotao Peng

List of Publications by Year
in descending order

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27	860	567281 15	610901 24
papers	citations	h-index	g-index

27	27	27	1300
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Inhibition of amyloid beta toxicity in zebrafish with a chaperone-gold nanoparticle dual strategy. Nature Communications, 2019, 10, 3780.	12.8	132
2	Graphene quantum dots against human IAPP aggregation and toxicity in vivo. Nanoscale, 2018, 10, 19995-20006.	5.6	100
3	Mitigation of Amyloidosis with Nanomaterials. Advanced Materials, 2020, 32, e1901690.	21.0	87
4	Graphene and other 2D materials: a multidisciplinary analysis to uncover the hidden potential as cancer theranostics. Theranostics, 2020, 10, 5435-5488.	10.0	80
5	Mitigating Human IAPP Amyloidogenesis In Vivo with Chiral Silica Nanoribbons. Small, 2018, 14, e1802825.	10.0	57
6	Seasonally Relevant Cool Temperatures Interact with N Chemistry to Increase Microcystins Produced in Lab Cultures of Microcystis aeruginosa NIES-843. Environmental Science & Technology, 2018, 52, 4127-4136.	10.0	55
7	Photocatalytic Degradation of 4-Nitrophenol by C, N-TiO2: Degradation Efficiency vs. Embryonic Toxicity of the Resulting Compounds. Frontiers in Chemistry, 2018, 6, 192.	3.6	54
8	In Vivo Mitigation of Amyloidogenesis through Functionalâ€“Pathogenic Double-Protein Coronae. Nano Letters, 2018, 18, 5797-5804.	9.1	39
9	Graphene, other carbon nanomaterials and the immune system: toward nanoimmunity-by-design. JPhys Materials, 2020, 3, 034009.	4.2	29
10	Nitric oxide-dependent biodegradation of graphene oxide reduces inflammation in the gastrointestinal tract. Nanoscale, 2020, 12, 16730-16737.	5.6	26
11	Reduced graphene oxide composites and its real-life application potential for in-situ crude oil removal. Chemosphere, 2020, 249, 126141.	8.2	24
12	Understanding the bidirectional interactions between two-dimensional materials, microorganisms, and the immune system. Advanced Drug Delivery Reviews, 2022, 188, 114422.	13.7	21
13	Differential effects of metal oxide nanoparticles on zebrafish embryos and developing larvae. Environmental Science: Nano, 2018, 5, 1200-1207.	4.3	20
14	Environmental Hazard Potential of Nanoâ€Photocatalysts Determined by Nanoâ€Bio Interactions and Exposure Conditions. Small, 2020, 16, e1907690.	10.0	20
15	Transcriptional and Physiological Responses to Nutrient Loading on Toxin Formation and Photosynthesis in Microcystis Aeruginosa FACHB-905. Toxins, 2017, 9, 168.	3.4	18
16	Redox Activity and Nanoâ€“Bio Interactions Determine the Skin Injury Potential of Co₃O₄-Based Metal Oxide Nanoparticles toward Zebrafish. ACS Nano, 2020, 14, 4166-4177.	14.6	17
17	Twoâ€Dimensional Transition Metal Dichalcogenides Trigger Trained Immunity in Human Macrophages through Epigenetic and Metabolic Pathways. Small, 2022, 18, e2107816.	10.0	16
18	A Novel Photocatalytic Material for Removing Microcystin-LR under Visible Light Irradiation: Degradation Characteristics and Mechanisms. PLoS ONE, 2014, 9, e95798.	2.5	12

#	Article	IF	Citations
19	Biodegradation of graphdiyne oxide in classically activated (M1) macrophages modulates cytokine production. Nanoscale, 2021, 13, 13072-13084.	5.6	12
20	Photodegradation of microcystin-LR catalyzed by metal phthalocyanines immobilized on TiO2-SiO2 under visible-light irradiation. Water Science and Technology, 2015, 72, 1824-1831.	2.5	9
21	Response of Microcystis aeruginosa FACHB-905 to different nutrient ratios and changes in phosphorus chemistry. Journal of Oceanology and Limnology, 2018, 36, 1040-1052.	1.3	9
22	Nanosilver at the interface of biomedical applications, toxicology, and synthetic strategies. , 2020, , 119-139.		9
23	Photosynthetic response to nitrogen source and different ratios of nitrogen and phosphorus in toxic cyanobacteria, Microcystis aeruginosa FACHB-905. Journal of Limnology, 0, , .	1.1	6
24	Ecological restoration for river ecosystems: comparing the huangpu river in shanghai and the hudson river in new york. Ecosystem Health and Sustainability, 2015, 1, 1-14.	3.1	5
25	Amyloidosis: Mitigation of Amyloidosis with Nanomaterials (Adv. Mater. 18/2020). Advanced Materials, 2020, 32, 2070146.	21.0	2
26	Nanoâ€“Stem Cell Interactions: Applications Versus Implications. Nano LIFE, 2018, 08, 1841001.	0.9	1
27	Nanoâ€Photocatalysts: Environmental Hazard Potential of Nanoâ€Photocatalysts Determined by Nanoâ€Bio Interactions and Exposure Conditions (Small 21/2020). Small, 2020, 16, 2070118.	10.0	0