Jianbo Jia

List of Publications by Year in descending order

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37	1,007	394421	434195
papers	citations	19 h-index	31 g-index

37	37	37	1652
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Predicting cytotoxicity of binary pollutants towards a human cell panel in environmental water by experimentation and deep learning methods. Chemosphere, 2022, 287, 132324.	8.2	2
2	Triclosan detoxification through dechlorination and oxidation via microbial Pd-NPs under aerobic conditions. Chemosphere, 2022, 286, 131836.	8.2	9
3	Biosafety-inspired structural optimization of triazolium ionic liquids based on structure-toxicity relationships. Journal of Hazardous Materials, 2022, 424, 127521.	12.4	9
4	Perturbation of autophagy: An intrinsic toxicity mechanism of nanoparticles. Science of the Total Environment, 2022, 823, 153629.	8.0	17
5	Arsenic bioaccumulation and biotransformation in aquatic organisms. Environment International, 2022, 163, 107221.	10.0	43
6	The interaction between biochars from distinct pyrolysis temperatures and multiple pollutants determines their combined cytotoxicity. Chemosphere, 2022, 296, 133999.	8.2	8
7	Comparative toxicity of [C8mim]Br and [C8py]Br in early developmental stages of zebrafish (Danio) Tj ETQq1 1 0.784314 rgBT /Overlo Pharmacology, 2022, 92, 103864.	4.0	6
8	Mitigation of Obesity-Related Systemic Low-Grade Inflammation and Gut Microbial Dysbiosis in Mice with Nanosilver Supplement. ACS Applied Bio Materials, 2021, 4, 2570-2582.	4.6	6
9	Al3+ reduces PM2.5-induced cytotoxicity in human bronchial epithelial cells via reducing ROS production. Air Quality, Atmosphere and Health, 2021, 14, 903-909.	3.3	1
10	Elucidation of the Critical Role of Core Materials in PM_{2.5}-Induced Cytotoxicity by Interrogating Silica- and Carbon-Based Model PM_{2.5} Particle Libraries. Environmental Science & Technology, 2021, 55, 6128-6139.	10.0	6
11	Nano-cell and nano-pollutant interactions constitute key elements in nanoparticle-pollutant combined cytotoxicity. Journal of Hazardous Materials, 2021, 418, 126259.	12.4	10
12	Electrostatic attraction of cationic pollutants by microplastics reduces their joint cytotoxicity. Chemosphere, 2021, 282, 131121.	8.2	9
13	Recent advances in covalent organic frameworks for cancer diagnosis and therapy. Biomaterials Science, 2021, 9, 5745-5761.	5.4	33
14	Intracellular Exposure Dose-Associated Susceptibility of Steatotic Hepatocytes to Metallic Nanoparticles. International Journal of Molecular Sciences, 2021, 22, 12643.	4.1	2
15	Oral Co-Exposures to zinc oxide nanoparticles and CdCl2 induced maternal-fetal pollutant transfer and embryotoxicity by damaging placental barriers. Ecotoxicology and Environmental Safety, 2020, 189, 109956.	6.0	24
16	Editorial: Nano-Bio Interactions: Ecotoxicology and Cytotoxicity of Nanomaterials. Frontiers in Bioengineering and Biotechnology, 2020, 8, 918.	4.1	0
17	Crossing Biological Barriers by Engineered Nanoparticles. Chemical Research in Toxicology, 2020, 33, 1055-1060.	3.3	38
18	Biotransformation and detoxification of the neonicotinoid insecticides nitenpyram and dinotefuran by Phanerochaete sordida YK-624. Environmental Pollution, 2019, 252, 856-862.	7.5	48

#	Article	IF	Citations
19	Size-dependent maternal-fetal transfer and fetal developmental toxicity of ZnO nanoparticles after oral exposures in pregnant mice. Ecotoxicology and Environmental Safety, 2019, 182, 109439.	6.0	59
20	Remote Induction of Cell Autophagy by 2D MoS₂ Nanosheets via Perturbing Cell Surface Receptors and mTOR Pathway from Outside of Cells. ACS Applied Materials & Interfaces, 2019, 11, 6829-6839.	8.0	30
21	Cr(VI)/Pb2+ are responsible for PM2.5-induced cytotoxicity in A549 cells while pulmonary surfactant alleviates such toxicity. Ecotoxicology and Environmental Safety, 2019, 172, 152-158.	6.0	26
22	Interactions Between Nanoparticles and Dendritic Cells: From the Perspective of Cancer Immunotherapy. Frontiers in Oncology, 2018, 8, 404.	2.8	113
23	Gold Nanoparticle-Induced Cell Death and Potential Applications in Nanomedicine. International Journal of Molecular Sciences, 2018, 19, 754.	4.1	80
24	Susceptibility of Overweight Mice to Liver Injury as a Result of the ZnO Nanoparticle-Enhanced Liver Deposition of Pb²⁺. Environmental Science & Technology, 2017, 51, 1775-1784.	10.0	35
25	Elucidation of the Molecular Determinants for Optimal Perfluorooctanesulfonate Adsorption Using a Combinatorial Nanoparticle Library Approach. Environmental Science & Technology, 2017, 51, 7120-7127.	10.0	8
26	Initiation of Targeted Nanodrug Delivery in Vivo by a Multifunctional Magnetic Implant. ACS Applied Materials & Interfaces, 2017, 9, 20771-20778.	8.0	24
27	Hepatic Injuries Induced by Engineered Nanomaterials. Nanomedicine and Nanotoxicology, 2017, , 321-338.	0.2	2
28	Oral Exposure to Silver Nanoparticles or Silver Ions May Aggravate Fatty Liver Disease in Overweight Mice. Environmental Science & Technology, 2017, 51, 9334-9343.	10.0	84
29	Potential nanotoxicity in susceptible populations: Insight from investigation of mouse models. Chinese Science Bulletin, 2017, 62, 2749-2757.	0.7	4
30	Reducing Both Pgp Overexpression and Drug Efflux with Anti-Cancer Gold-Paclitaxel Nanoconjugates. PLoS ONE, 2016, 11, e0160042.	2.5	22
31	Aggravated hepatotoxicity occurs in aged mice but not in young mice after oral exposure to zinc oxide nanoparticles. NanoImpact, 2016, 3-4, 1-11.	4.5	25
32	Mechanism Underlying the Spatial Pattern Formation of Dominant Tree Species in a Natural Secondary Forest. PLoS ONE, 2016, 11, e0152596.	2.5	10
33	Safety Profile of TiO2-Based Photocatalytic Nanofabrics for Indoor Formaldehyde Degradation. International Journal of Molecular Sciences, 2015, 16, 27721-27729.	4.1	13
34	Induction of Size-Dependent Breakdown of Blood-Milk Barrier in Lactating Mice by TiO2 Nanoparticles. PLoS ONE, 2015, 10, e0122591.	2.5	33
35	Mechanistic Understanding of Toxicity from Nanocatalysts. International Journal of Molecular Sciences, 2014, 15, 13967-13992.	4.1	21
36	Perturbation of physiological systems by nanoparticles. Chemical Society Reviews, 2014, 43, 3762-3809.	38.1	128

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37	Adsorption of Bisphenol A to a Carbon Nanotube Reduced Its Endocrine Disrupting Effect in Mice Male Offspring. International Journal of Molecular Sciences, 2014, 15, 15981-15993.	4.1	19