Jianbo Jia

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3211101/publications.pdf

Version: 2024-02-01

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	Perturbation of physiological systems by nanoparticles. Chemical Society Reviews, 2014, 43, 3762-3809.	38.1	128
2	Interactions Between Nanoparticles and Dendritic Cells: From the Perspective of Cancer Immunotherapy. Frontiers in Oncology, 2018, 8, 404.	2.8	113
3	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
4	Gold Nanoparticle-Induced Cell Death and Potential Applications in Nanomedicine. International Journal of Molecular Sciences, 2018, 19, 754.	4.1	80
5	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
6	Biotransformation and detoxification of the neonicotinoid insecticides nitenpyram and dinotefuran by Phanerochaete sordida YK-624. Environmental Pollution, 2019, 252, 856-862.	7.5	48
7	Arsenic bioaccumulation and biotransformation in aquatic organisms. Environment International, 2022, 163, 107221.	10.0	43
8	Crossing Biological Barriers by Engineered Nanoparticles. Chemical Research in Toxicology, 2020, 33, 1055-1060.	3.3	38
9	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
10	Recent advances in covalent organic frameworks for cancer diagnosis and therapy. Biomaterials Science, 2021, 9, 5745-5761.	5.4	33
11	Induction of Size-Dependent Breakdown of Blood-Milk Barrier in Lactating Mice by TiO2 Nanoparticles. PLoS ONE, 2015, 10, e0122591.	2.5	33
12	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
13	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
14	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
15	Initiation of Targeted Nanodrug Delivery in Vivo by a Multifunctional Magnetic Implant. ACS Applied Materials & Interfaces, 2017, 9, 20771-20778.	8.0	24
16	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
17	Reducing Both Pgp Overexpression and Drug Efflux with Anti-Cancer Gold-Paclitaxel Nanoconjugates. PLoS ONE, 2016, 11, e0160042.	2.5	22
18	Mechanistic Understanding of Toxicity from Nanocatalysts. International Journal of Molecular Sciences, 2014, 15, 13967-13992.	4.1	21

#	Article	IF	Citations
19	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
20	Perturbation of autophagy: An intrinsic toxicity mechanism of nanoparticles. Science of the Total Environment, 2022, 823, 153629.	8.0	17
21	Safety Profile of TiO2-Based Photocatalytic Nanofabrics for Indoor Formaldehyde Degradation. International Journal of Molecular Sciences, 2015, 16, 27721-27729.	4.1	13
22	Nano-cell and nano-pollutant interactions constitute key elements in nanoparticle-pollutant combined cytotoxicity. Journal of Hazardous Materials, 2021, 418, 126259.	12.4	10
23	Mechanism Underlying the Spatial Pattern Formation of Dominant Tree Species in a Natural Secondary Forest. PLoS ONE, 2016, 11, e0152596.	2.5	10
24	Electrostatic attraction of cationic pollutants by microplastics reduces their joint cytotoxicity. Chemosphere, 2021, 282, 131121.	8.2	9
25	Triclosan detoxification through dechlorination and oxidation via microbial Pd-NPs under aerobic conditions. Chemosphere, 2022, 286, 131836.	8.2	9
26	Biosafety-inspired structural optimization of triazolium ionic liquids based on structure-toxicity relationships. Journal of Hazardous Materials, 2022, 424, 127521.	12.4	9
27	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
28	The interaction between biochars from distinct pyrolysis temperatures and multiple pollutants determines their combined cytotoxicity. Chemosphere, 2022, 296, 133999.	8.2	8
29	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
30	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
31	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
32	Potential nanotoxicity in susceptible populations: Insight from investigation of mouse models. Chinese Science Bulletin, 2017, 62, 2749-2757.	0.7	4
33	Hepatic Injuries Induced by Engineered Nanomaterials. Nanomedicine and Nanotoxicology, 2017, , 321-338.	0.2	2
34	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
35	Intracellular Exposure Dose-Associated Susceptibility of Steatotic Hepatocytes to Metallic Nanoparticles. International Journal of Molecular Sciences, 2021, 22, 12643.	4.1	2
36	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

#	Article	IF	Citations
37	Editorial: Nano-Bio Interactions: Ecotoxicology and Cytotoxicity of Nanomaterials. Frontiers in Bioengineering and Biotechnology, 2020, 8, 918.	4.1	0