Jia Du

List of Publications by Year
in descending order

27 papers	934 citations	623574 14 h-index	580701 25 g-index
28 all docs	28 docs citations	28 times ranked	1607 citing authors

#	Article	IF	Citations
1	Integrin activation and internalization on soft ECM as a mechanism of induction of stem cell differentiation by ECM elasticity. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 9466-9471.	3.3	302
2	A review of organophosphorus flame retardants (OPFRs): occurrence, bioaccumulation, toxicity, and organism exposure. Environmental Science and Pollution Research, 2019, 26, 22126-22136.	2.7	105
3	A review of microplastics in the aquatic environmental: distribution, transport, ecotoxicology, and toxicological mechanisms. Environmental Science and Pollution Research, 2020, 27, 11494-11505.	2.7	84
4	A review on silver nanoparticles-induced ecotoxicity and the underlying toxicity mechanisms. Regulatory Toxicology and Pharmacology, 2018, 98, 231-239.	1.3	75
5	Cu@Co-MOFs as a novel catalyst of peroxymonosulfate for the efficient removal of methylene blue. RSC Advances, 2019, 9, 9410-9420.	1.7	41
6	Environmental distribution, transport and ecotoxicity of microplastics: A review. Journal of Applied Toxicology, 2021, 41, 52-64.	1.4	41
7	The efficiency and mechanism of dibutyl phthalate removal by copper-based metal organic frameworks coupled with persulfate. RSC Advances, 2018, 8, 39352-39361.	1.7	30
8	Developmental toxicity and DNA damage to zebrafish induced by perfluorooctane sulfonate in the presence of ZnO nanoparticles. Environmental Toxicology, 2016, 31, 360-371.	2.1	27
9	ZnO nanoparticles: recent advances in ecotoxicity and risk assessment. Drug and Chemical Toxicology, 2020, 43, 322-333.	1.2	27
10	Concentration, distribution, source apportionment, and risk assessment of surrounding soil PAHs in industrial and rural areas: A comparative study. Ecological Indicators, 2021, 125, 107513.	2.6	27
11	Exposure to polycyclic aromatic hydrocarbons (PAHs) in people living in urban and rural areas as revealed by hair analysis. Chemosphere, 2020, 246, 125764.	4.2	17
12	Subnanometric Gold Clusters on CeO₂ with Maximized Strong Metalâ€"Support Interactions for Aerobic Oxidation of Carbonâ€"Hydrogen Bonds. ACS Sustainable Chemistry and Engineering, 2018, 6, 6418-6424.	3.2	15
13	Zeolite@Pd/Al2O3 Coreâ€"Shell Catalyst for Efficient Hydrodeoxygenation of Phenolic Biomolecules. Industrial & Engineering Chemistry Research, 2018, 57, 14088-14095.	1.8	15
14	Parental transfer of perfluorooctane sulfonate and ZnO nanoparticles chronic co-exposure and inhibition of growth in F1 offspring. Regulatory Toxicology and Pharmacology, 2018, 98, 41-49.	1.3	15
15	Selective and leaching-resistant palladium catalyst on a porous polymer support for phenol hydrogenation. Journal of Colloid and Interface Science, 2021, 604, 876-884.	5.0	15
16	Interfacing Anatase with Carbon Layers for Photocatalytic Nitroarene Hydrogenation. ACS Sustainable Chemistry and Engineering, 2019, 7, 16190-16199.	3.2	13
17	The ecotoxicology of titanium dioxide nanoparticles, an important engineering nanomaterial. Toxicological and Environmental Chemistry, 2019, 101, 165-189.	0.6	12
18	Elemental carbon components and PAHs in soils from different areas of the Yangtze River Delta region, China and their relationship. Catena, 2021, 199, 105086.	2.2	12

#	Article	IF	Citations
19	The potential hazards and ecotoxicity of CuO nanoparticles: an overview. Toxin Reviews, 2021, 40, 460-472.	1.5	11
20	ESTâ€"SSR marker development and transcriptome sequencing analysis of different tissues of Korean pine (<i>Pinus koraiensis</i> Sieb. et Zucc.). Biotechnology and Biotechnological Equipment, 0, , 1-11.	0.5	10
21	Lanthanum phenylphosphonateâ€"based multilayered coating for reducing flammability and smoke production of flexible polyurethane foam. Polymers for Advanced Technologies, 2020, 31, 1330-1339.	1.6	9
22	Metabolic and transcriptional disruption of American shad (Alosa sapidissima) by enrofloxacin in commercial aquaculture. Environmental Science and Pollution Research, 2022, 29, 2052-2062.	2.7	9
23	Hypotonicity promotes epithelial gap closure by lamellipodial protrusion. Progress in Biophysics and Molecular Biology, 2019, 148, 60-64.	1.4	8
24	Enrofloxacin induces intestinal disorders of metabolome and microbiome in American shad (<i>Alosa) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.9	5
25	Thiacalix[4]areneâ€Supported Tetranuclear Tb^{III} and Eu^{III} Compounds: Synthesis, Structure, Luminescence, and Magnetism. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2019, 645, 416-421.	0.6	4
26	Longâ€term exposure to enrofloxacin increases body weight and alters the metabolism of American shad (<i>Alosa sapidissima</i>) in indoor aquaculture. Aquaculture Research, 2022, 53, 2053-2064.	0.9	4
27	Structural and functional comparisons of the environmental microbiota of pond and tank environments at different locations for the commercial aquaculture of American shad. Letters in Applied Microbiology, 2022, 75, 51-60.	1.0	1