

Xuejun Pan

List of Publications by Year in descending order

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45
papers

1,297
citations

331670

21
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361022

35
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all docs

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docs citations

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times ranked

1549
citing authors

#	ARTICLE	IF	CITATIONS
1	Distribution and bioaccumulation of steroidal and phenolic endocrine disrupting chemicals in wild fish species from Dianchi Lake, China. <i>Environmental Pollution</i> , 2011, 159, 2815-2822.	7.5	122
2	Occurrence, removal and bioaccumulation of steroid estrogens in Dianchi Lake catchment, China. <i>Environment International</i> , 2013, 59, 262-273.	10.0	107
3	Abundance and distribution characteristics of microplastic in plateau cultivated land of Yunnan Province, China. <i>Environmental Science and Pollution Research</i> , 2021, 28, 1675-1688.	5.3	81
4	Occurrence, removal, and fate of progestogens, androgens, estrogens, and phenols in six sewage treatment plants around Dianchi Lake in China. <i>Environmental Science and Pollution Research</i> , 2014, 21, 12898-12908.	5.3	68
5	Nitrogen-rich core/shell magnetic nanostructures for selective adsorption and separation of anionic dyes from aqueous solution. <i>Environmental Science: Nano</i> , 2016, 3, 670-681.	4.3	58
6	Nonmonotonic responses to low doses of xenoestrogens: A review. <i>Environmental Research</i> , 2017, 155, 199-207.	7.5	52
7	Occurrence, distribution, and sources of six phenolic endocrine disrupting chemicals in the 22 river estuaries around Dianchi Lake in China. <i>Environmental Science and Pollution Research</i> , 2013, 20, 3185-3194.	5.3	48
8	Electrochemically modified dissolved organic matter accelerates the combining photodegradation and biodegradation of 17 β -ethinylestradiol in natural aquatic environment. <i>Water Research</i> , 2018, 137, 251-261.	11.3	47
9	Photodegradation of 17 β -ethinylestradiol in dissolved humic substances solution: Kinetics, mechanism and estrogenicity variation. <i>Journal of Environmental Sciences</i> , 2017, 54, 196-205.	6.1	44
10	Mitigating 17 β -ethinylestradiol water contamination through binding and photosensitization by dissolved humic substances. <i>Journal of Hazardous Materials</i> , 2017, 327, 197-205.	12.4	43
11	Adsorption of heavy metal from aqueous solution by dehydrated root powder of long-root <i>Eichhornia crassipes</i> . <i>International Journal of Phytoremediation</i> , 2016, 18, 103-109.	3.1	39
12	Combinatorial anti-proliferative effects of tamoxifen and naringenin: The role of four estrogen receptor subtypes. <i>Toxicology</i> , 2018, 410, 231-246.	4.2	34
13	Modified humic acids mediate efficient mineralization in a photo-bio-electro-Fenton process. <i>Water Research</i> , 2021, 190, 116740.	11.3	34
14	Dissolved organic matter as a terminal electron acceptor in the microbial oxidation of steroid estrogen. <i>Environmental Pollution</i> , 2016, 218, 26-33.	7.5	32
15	Effects of pH and dissolved oxygen on the photodegradation of 17 β -ethinylestradiol in dissolved humic acid solution. <i>Environmental Sciences: Processes and Impacts</i> , 2016, 18, 78-86.	3.5	29
16	Polycyclic aromatic hydrocarbons associated with total suspended particles and surface soils in Kunming, China: distribution, possible sources, and cancer risks. <i>Environmental Science and Pollution Research</i> , 2015, 22, 6696-6712.	5.3	28
17	Photoelectrocatalytic simultaneous removal of 17 β -ethinylestradiol and <i>E. coli</i> using the anode of Ag and SnO ₂ -Sb 3D-loaded TiO ₂ nanotube arrays. <i>Journal of Hazardous Materials</i> , 2020, 398, 122805.	12.4	27
18	Coupling electrochemical and biological methods for 17 β -ethinylestradiol removal from water by different microorganisms. <i>Journal of Hazardous Materials</i> , 2017, 340, 120-129.	12.4	25

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19	Simultaneous capture of methyl orange and chromium(Cr(VI)) from complex wastewater using polyethylenimine cation decorated magnetic carbon nanotubes as a recyclable adsorbent. RSC Advances, 2019, 9, 4722-4734.	3.6	25
20	The Functional Mechanisms and Application of Electron Shuttles in Extracellular Electron Transfer. Current Microbiology, 2018, 75, 99-106.	2.2	24
21	Seasonal distribution, source investigation and vertical profile of phenolic endocrine disrupting compounds in Dianchi Lake, China. Journal of Environmental Monitoring, 2012, 14, 1275.	2.1	22
22	Photobleaching alters the photochemical and biological reactivity of humic acid towards 17 β -ethinylestradiol. Environmental Pollution, 2017, 220, 1386-1393.	7.5	22
23	Photoelectrocatalytic coupling system synergistically removal of antibiotics and antibiotic resistant bacteria from aquatic environment. Journal of Hazardous Materials, 2022, 424, 127553.	12.4	20
24	The modulatory role of low concentrations of bisphenol A on tamoxifen-induced proliferation and apoptosis in breast cancer cells. Environmental Science and Pollution Research, 2019, 26, 2353-2362.	5.3	18
25	Photocatalytic activation of peroxydisulfate by a new porous g-C ₃ N ₄ /reduced graphene oxide/TiO ₂ nanobelts composite for efficient degradation of 17 β -ethinylestradiol. Chemical Engineering Journal, 2022, 446, 137325.	12.7	18
26	Determination of four phenolic endocrine disrupting chemicals in Dianchi Lake, China. International Journal of Environmental Analytical Chemistry, 2012, 92, 1532-1545.	3.3	16
27	Adsorption and photochemical capacity on 17 β -ethinylestradiol by char produced in the thermo treatment process of plastic waste. Journal of Hazardous Materials, 2022, 423, 127066.	12.4	16
28	Stimulated dissolved organic matter by electrochemical route to produce activity substances for removing of 17 β -ethinylestradiol. Journal of Electroanalytical Chemistry, 2016, 780, 233-240.	3.8	15
29	The estrogenic proliferative effects of two alkylphenols and a preliminary mechanism exploration in MCF-7 breast cancer cells. Environmental Toxicology, 2020, 35, 628-638.	4.0	15
30	An improved method for simultaneous analysis of steroid and phenolic endocrine disrupting chemicals in biological samples. International Journal of Environmental Analytical Chemistry, 2012, 92, 1135-1149.	3.3	14
31	Microbially reduced humic acid promotes the anaerobic photodegradation of 17 β -ethinylestradiol. Ecotoxicology and Environmental Safety, 2019, 171, 313-320.	6.0	14
32	Quercetin exerts bidirectional regulation effects on the efficacy of tamoxifen in estrogen receptor α -positive breast cancer therapy: An in vitro study. Environmental Toxicology, 2020, 35, 1179-1193.	4.0	14
33	Toxic metal contamination and distribution in soils and plants of a typical metallurgical industrial area in southwest of China. Environmental Earth Sciences, 2014, 72, 2101-2109.	2.7	13
34	Optical characteristics and cytotoxicity of dissolved organic matter in the effluent and sludge from typical sewage treatment processes. Science of the Total Environment, 2020, 725, 138381.	8.0	12
35	Biological response of high-back crucian carp (Carassius auratus) during different life stages to wastewater treatment plant effluent. Environmental Science and Pollution Research, 2013, 20, 8612-8620.	5.3	11
36	Role of ER α in breast cancer by typical xenoestrogens. Tumor Biology, 2015, 36, 7355-7364.	1.8	11

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37	The distribution and risk of microplastics discharged from sewage treatment plants in terrestrial and aquatic compartment. <i>Journal of Environmental Management</i> , 2022, 314, 115067.	7.8	11
38	Biochar enhanced microbial degradation of 17 β -estradiol. <i>Environmental Sciences: Processes and Impacts</i> , 2019, 21, 1736-1744.	3.5	10
39	The treatment of black-odorous water using tower bipolar electro-flocculation including the removal of phosphorus, turbidity, sulfon, and oxygen enrichment. <i>Frontiers of Environmental Science and Engineering</i> , 2021, 15, 1.	6.0	10
40	Simultaneous changes of exogenous dissolved organic matter treated by ozonation in properties and interaction behavior with sulfonamides. <i>Environmental Pollution</i> , 2021, 275, 116546.	7.5	10
41	Low concentrations of 17 β -estradiol exacerbate tamoxifen resistance in breast cancer treatment through membrane estrogen receptor-mediated signaling pathways. <i>Environmental Toxicology</i> , 2022, 37, 514-526.	4.0	10
42	17 β -Estradiol inhibits testosterone-induced cell proliferation in HepG2 by modulating the relative ratios of 3 estrogen receptor isoforms to the androgen receptor. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 8659-8671.	2.6	8
43	New Discoveries of Heating Effect on Trimethylsilyl Derivatization for Simultaneous Determination of Steroid Endocrine Disrupting Chemicals by GC-MS. <i>Chromatographia</i> , 2010, 71, 149-153.	1.3	7
44	17 β -estradiol at low concentrations attenuates the efficacy of tamoxifen in breast cancer therapy. <i>Environmental Pollution</i> , 2019, 255, 113228.	7.5	7
45	The photodegradation of 17 alpha-ethinylestradiol in water containing iron and dissolved organic matter. <i>Science of the Total Environment</i> , 2022, 814, 152516.	8.0	6