

# Xuejun Pan

## List of Publications by Year in descending order

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45  
papers

1,297  
citations

331670

21  
h-index

361022

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45  
docs citations

45  
times ranked

1549  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adsorption and photochemical capacity on 17 $\beta$ -ethinylestradiol by char produced in the thermo treatment process of plastic waste. <i>Journal of Hazardous Materials</i> , 2022, 423, 127066.	12.4	16
2	Photoelectrocatalytic coupling system synergistically removal of antibiotics and antibiotic resistant bacteria from aquatic environment. <i>Journal of Hazardous Materials</i> , 2022, 424, 127553.	12.4	20
3	Low concentrations of 17 $\beta$ -estradiol exacerbate tamoxifen resistance in breast cancer treatment through membrane estrogen receptor $\alpha$ -mediated signaling pathways. <i>Environmental Toxicology</i> , 2022, 37, 514-526.	4.0	10
4	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
5	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
6	Photocatalytic activation of peroxydisulfate by a new porous g-C <sub>3</sub> N <sub>4</sub> /reduced graphene oxide/TiO <sub>2</sub> nanobelts composite for efficient degradation of 17 $\beta$ -ethinylestradiol. <i>Chemical Engineering Journal</i> , 2022, 446, 137325.	12.7	18
7	The treatment of black-odorous water using tower bipolar electro-flocculation including the removal of phosphorus, turbidity, sulfion, and oxygen enrichment. <i>Frontiers of Environmental Science and Engineering</i> , 2021, 15, 1.	6.0	10
8	Modified humic acids mediate efficient mineralization in a photo-bio-electro-Fenton process. <i>Water Research</i> , 2021, 190, 116740.	11.3	34
9	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
10	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
11	Photoelectrocatalytic simultaneous removal of 17 $\beta$ -ethinylestradiol and <i>E. coli</i> using the anode of Ag and SnO <sub>2</sub> -Sb 3D-loaded TiO <sub>2</sub> nanotube arrays. <i>Journal of Hazardous Materials</i> , 2020, 398, 122805.	12.4	27
12	Quercetin exerts bidirectional regulation effects on the efficacy of tamoxifen in estrogen receptor $\alpha$ -positive breast cancer therapy: An in vitro study. <i>Environmental Toxicology</i> , 2020, 35, 1179-1193.	4.0	14
13	The estrogenic proliferative effects of two alkylphenols and a preliminary mechanism exploration in MCF $\alpha$ 7 breast cancer cells. <i>Environmental Toxicology</i> , 2020, 35, 628-638.	4.0	15
14	Optical characteristics and cytotoxicity of dissolved organic matter in the effluent and sludge from typical sewage treatment processes. <i>Science of the Total Environment</i> , 2020, 725, 138381.	8.0	12
15	Biochar enhanced microbial degradation of 17 $\beta$ -estradiol. <i>Environmental Sciences: Processes and Impacts</i> , 2019, 21, 1736-1744.	3.5	10
16	17 $\beta$ -estradiol at low concentrations attenuates the efficacy of tamoxifen in breast cancer therapy. <i>Environmental Pollution</i> , 2019, 255, 113228.	7.5	7
17	Simultaneous capture of methyl orange and chromium(VI) from complex wastewater using polyethylenimine cation decorated magnetic carbon nanotubes as a recyclable adsorbent. <i>RSC Advances</i> , 2019, 9, 4722-4734.	3.6	25
18	The modulatory role of low concentrations of bisphenol A on tamoxifen-induced proliferation and apoptosis in breast cancer cells. <i>Environmental Science and Pollution Research</i> , 2019, 26, 2353-2362.	5.3	18

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19	Microbially reduced humic acid promotes the anaerobic photodegradation of 17 $\beta$ -ethinylestradiol. <i>Ecotoxicology and Environmental Safety</i> , 2019, 171, 313-320.	6.0	14
20	Electrochemically modified dissolved organic matter accelerates the combining photodegradation and biodegradation of 17 $\beta$ -ethinylestradiol in natural aquatic environment. <i>Water Research</i> , 2018, 137, 251-261.	11.3	47
21	The Functional Mechanisms and Application of Electron Shuttles in Extracellular Electron Transfer. <i>Current Microbiology</i> , 2018, 75, 99-106.	2.2	24
22	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
23	17 $\beta$ -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
24	Photodegradation of 17 $\beta$ -ethinylestradiol in dissolved humic substances solution: Kinetics, mechanism and estrogenicity variation. <i>Journal of Environmental Sciences</i> , 2017, 54, 196-205.	6.1	44
25	Mitigating 17 $\beta$ -ethinylestradiol water contamination through binding and photosensitization by dissolved humic substances. <i>Journal of Hazardous Materials</i> , 2017, 327, 197-205.	12.4	43
26	Photobleaching alters the photochemical and biological reactivity of humic acid towards 17 $\beta$ -ethinylestradiol. <i>Environmental Pollution</i> , 2017, 220, 1386-1393.	7.5	22
27	Nonmonotonic responses to low doses of xenoestrogens: A review. <i>Environmental Research</i> , 2017, 155, 199-207.	7.5	52
28	Coupling electrochemical and biological methods for 17 $\beta$ -ethinylestradiol removal from water by different microorganisms. <i>Journal of Hazardous Materials</i> , 2017, 340, 120-129.	12.4	25
29	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
30	Stimulated dissolved organic matter by electrochemical route to produce activity substances for removing of 17 $\beta$ -ethinylestradiol. <i>Journal of Electroanalytical Chemistry</i> , 2016, 780, 233-240.	3.8	15
31	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
32	Effects of pH and dissolved oxygen on the photodegradation of 17 $\beta$ -ethinylestradiol in dissolved humic acid solution. <i>Environmental Sciences: Processes and Impacts</i> , 2016, 18, 78-86.	3.5	29
33	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
34	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
35	Role of ER- $\beta$ in breast cancer by typical xenoestrogens. <i>Tumor Biology</i> , 2015, 36, 7355-7364.	1.8	11
36	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

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37	Toxic metal contamination and distribution in soils and plants of a typical metallurgical industrial area in southwest of China. <i>Environmental Earth Sciences</i> , 2014, 72, 2101-2109.	2.7	13
38	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
39	Biological response of high-back crucian carp ( <i>Carassius auratus</i> ) during different life stages to wastewater treatment plant effluent. <i>Environmental Science and Pollution Research</i> , 2013, 20, 8612-8620.	5.3	11
40	Occurrence, removal and bioaccumulation of steroid estrogens in Dianchi Lake catchment, China. <i>Environment International</i> , 2013, 59, 262-273.	10.0	107
41	An improved method for simultaneous analysis of steroid and phenolic endocrine disrupting chemicals in biological samples. <i>International Journal of Environmental Analytical Chemistry</i> , 2012, 92, 1135-1149.	3.3	14
42	Determination of four phenolic endocrine disrupting chemicals in Dianchi Lake, China. <i>International Journal of Environmental Analytical Chemistry</i> , 2012, 92, 1532-1545.	3.3	16
43	Seasonal distribution, source investigation and vertical profile of phenolic endocrine disrupting compounds in Dianchi Lake, China. <i>Journal of Environmental Monitoring</i> , 2012, 14, 1275.	2.1	22
44	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
45	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