Xiangjuan Yuan

List of Publications by Year in descending order

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28	964	623734	501196
papers	citations	14 h-index	28 g-index

28	28	28	1122
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Occurrence, removal and risk of organic micropollutants in wastewater treatment plants across China: Comparison of wastewater treatment processes. Water Research, 2018, 130, 38-46.	11.3	289
2	Removal of organophosphate esters from municipal secondary effluent by ozone and UV/H2O2 treatments. Separation and Purification Technology, 2015, 156, 1028-1034.	7.9	71
3	Enhanced catalytic ozonation performance of highly stabilized mesoporous ZnO doped g-C 3 N 4 composite for efficient water decontamination. Applied Catalysis A: General, 2018, 551, 129-138.	4.3	67
4	Enhanced catalytic ozonation towards oxalic acid degradation over novel copper doped manganese oxide octahedral molecular sieves nanorods. Journal of Hazardous Materials, 2019, 371, 42-52.	12.4	67
5	Oxygen functionalized graphitic carbon nitride as an efficient metal-free ozonation catalyst for atrazine removal: Performance and mechanism. Separation and Purification Technology, 2019, 211, 823-831.	7.9	59
6	Role of peroxymonosulfate on enhancing ozonation for micropollutant degradation: Performance evaluation, mechanism insight and kinetics study. Chemical Engineering Journal, 2019, 360, 115-123.	12.7	50
7	Heterogeneous catalytic ozonation of oxalic acid with an effective catalyst based on copper oxide modified g-C3N4. Separation and Purification Technology, 2020, 234, 116120.	7.9	49
8	Kinetic and mechanistic insights into the abatement of clofibric acid by integrated UV/ozone/peroxydisulfate process: A modeling and theoretical study. Water Research, 2020, 186, 116336.	11.3	37
9	Efficient enhancement of ozonation performance via ZVZ immobilized g-C3N4 towards superior oxidation of micropollutants. Chemosphere, 2018, 205, 369-379.	8.2	31
10	Synergistic mechanism and degradation kinetics for atenolol elimination via integrated UV/ozone/peroxymonosulfate process. Journal of Hazardous Materials, 2021, 407, 124393.	12.4	31
11	Enhanced ozonation degradation of atrazine in the presence of nano-ZnO: Performance, kinetics and effects. Journal of Environmental Sciences, 2017, 61, 3-13.	6.1	29
12	Kinetics and mechanism of sulfate radical- and hydroxyl radical-induced degradation of Bisphenol A in VUV/UV/peroxymonosulfate system. Journal of Water Process Engineering, 2020, 38, 101636.	5.6	27
13	Insights into the activation of ozonation by hydroxylamine: Influential factors, degradation mechanism and reaction kinetics. Journal of Hazardous Materials, 2019, 373, 600-607.	12.4	19
14	Band gap tuning of g-C3N4 via decoration with AgCl to expedite the photocatalytic degradation and mineralization of oxalic acid. Journal of Environmental Sciences, 2019, 84, 1-12.	6.1	16
15	Unraveling the multiple roles of VUV mediated hydroxyl radical in VUV/UV/chlorine process: Kinetic simulation, mechanistic consideration and byproducts formation. Chemical Engineering Journal, 2022, 446, 137066.	12.7	14
16	CMC/BiOCl 3D Hierarchical Nanostructures with Exposed {001} Facets and Its Enhanced Photocatalytic Activity. ChemistrySelect, 2018, 3, 4463-4470.	1.5	13
17	Homogeneous activation of bisulfite by transition metals for micro-pollutant degradation: Mn(VII) versus Cr(VI). Chemical Engineering Journal, 2020, 394, 124814.	12.7	13
18	Why does dissolved oxygen govern Mn(III) formation and micro-pollutant abatement in the permanganate/bisulfite process?. Chemical Engineering Journal, 2020, 391, 123556.	12.7	12

#	Article	IF	Citations
19	Construction of Ag2O-modified g-C3N4 photocatalyst for rapid visible light degradation of ofloxacin. Environmental Science and Pollution Research, 2021, 28, 11650-11664.	5.3	11
20	Catalytic ozonation oxidation of ketoprofen by peanut shell-based biochar: effects of the pyrolysis temperatures. Environmental Technology (United Kingdom), 2022, 43, 848-860.	2.2	10
21	A non-specific surface area dominated catalytic ozonation with CuO modified Î²-MnO2 in efficient oxalic acid degradation. Journal of Water Process Engineering, 2022, 46, 102535.	5.6	10
22	Study on the adsorption and desorption performance of magnetic resin for Congo red. Environmental Technology (United Kingdom), 2021, 42, 1552-1559.	2.2	9
23	Reduction of bromate by zero valent iron (ZVI) enhances formation of brominated disinfection by-products during chlorination. Chemosphere, 2021, 268, 129340.	8.2	8
24	Unraveling the multiple roles of Ag species incorporation into OMS-2 for efficient catalytic ozonation: Structural properties and mechanism investigation. Journal of Environmental Chemical Engineering, 2021, 9, 106199.	6.7	6
25	A Preliminary Study on the Integrated UV/ozone/persulfate Process for Efficient Abatement of Atrazine. Ozone: Science and Engineering, 2020, 42, 558-564.	2.5	5
26	Insights into the photocatalytic ozonation over Ag2O-ZnO@g-C3N4 composite: Cooperative structure, degradation performance, and synergistic mechanisms. Journal of Environmental Chemical Engineering, 2022, 10, 107285.	6.7	4
27	Highly efficient catalytic ozonation for oxalic acid mineralization with Ag2CO3 modified g-C3N4: Performance and mechanism. Chemical Engineering Research and Design, 2022, 162, 944-954.	5.6	4
28	Facilitated catalytic ozonation of atrazine over highly stabilized Zn-Al layered double oxides composites: efficacy and mechanism. Environmental Technology (United Kingdom), 2023, 44, 1478-1492.	2.2	3