# Xiangjuan Yuan

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1560395/publications.pdf

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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 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | Synergistic mechanism and degradation kinetics for atenolol elimination via integrated UV/ozone/peroxymonosulfate process. Journal of Hazardous Materials, 2021, 407, 124393. | 12.4 | 31 |
| 8 | 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 |
| 9 | Study on the adsorption and desorption performance of magnetic resin for Congo red. Environmental Technology (United Kingdom), 2021, 42, 1552-1559. | 2.2 | 9 |
| 10 | Reduction of bromate by zero valent iron (ZVI) enhances formation of brominated disinfection by-products during chlorination. Chemosphere, 2021, 268, 129340. | 8.2 | 8 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |

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|---|---|---|---|
| 19 | 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 |
| 20 | 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 |
| 21 | 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 |
| 22 | 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 |
| 23 | 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 |
| 24 | CMC/BiOCl 3D Hierarchical Nanostructures with Exposed {001} Facets and Its Enhanced Photocatalytic Activity. ChemistrySelect, 2018, 3, 4463-4470. | 1.5 | 13 |
| 25 | 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 |
| 26 | Efficient enhancement of ozonation performance via ZVZ immobilized g-C3N4 towards superior oxidation of micropollutants. Chemosphere, 2018, 205, 369-379. | 8.2 | 31 |
| 27 | 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 |
| 28 | 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 |