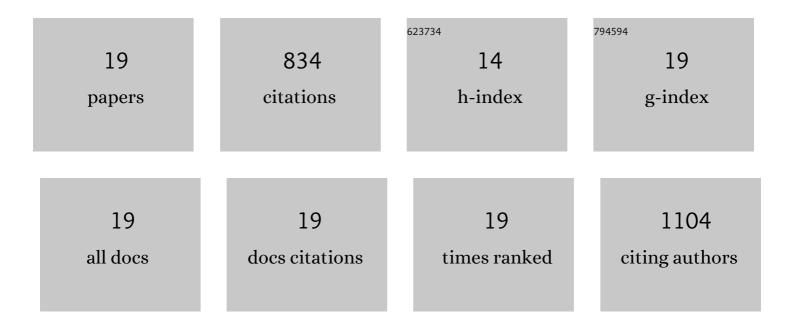
## Yongming Ju

List of Publications by Year in descending order

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YONCMING III

| #  | Article  | IF         | CITATIONS     |
|----|--|------------|---------------|
| 1  | Microwave photocatalytic degradation of Rhodamine B using TiO2 supported on activated carbon:<br>Mechanism implication. Journal of Environmental Sciences, 2009, 21, 268-272.  | 6.1        | 197           |
| 2  | Microwave induced catalytic degradation of crystal violet in nano-nickel dioxide suspensions.<br>Journal of Hazardous Materials, 2010, 173, 393-400.   | 12.4       | 115           |
| 3  | Microwave-Assisted Rapid Photocatalytic Degradation of Malachite Green in TiO <sub>2</sub><br>Suspensions: Mechanism and Pathways. Journal of Physical Chemistry A, 2008, 112, 11172-11177.  | 2.5        | 113           |
| 4  | Microwave-enhanced H2O2-based process for treating aqueous malachite green solutions:<br>Intermediates and degradation mechanism. Journal of Hazardous Materials, 2009, 171, 123-132.  | 12.4       | 73            |
| 5  | Photodegradation of crystal violet in TiO2 suspensions using UV–vis irradiation from two<br>microwave-powered electrodeless discharge lamps (EDL-2): Products, mechanism and feasibility.<br>Journal of Hazardous Materials, 2011, 185, 1489-1498.               | 12.4       | 54            |
| 6  | Environmental application of millimetre-scale sponge iron (s-Fe 0 ) particles (IV): New insights into<br>visible light photo-Fenton-like process with optimum dosage of H 2 O 2 and RhB photosensitizers.<br>Journal of Hazardous Materials, 2017, 323, 611-620. | 12.4       | 52            |
| 7  | Synthesis of millimeter-scale sponge Fe/Cu bimetallic particles removing TBBPA and insights of degradation mechanism. Chemical Engineering Journal, 2017, 325, 279-288.  | 12.7       | 51            |
| 8  | Detoxification of municipal solid waste incinerator (MSWI) fly ash by single-mode microwave (MW)<br>irradiation: Addition of urea on the degradation of Dioxin and mechanism. Journal of Hazardous<br>Materials, 2019, 369, 279-289.                             | 12.4       | 31            |
| 9  | Environmental application of millimeter-scale sponge iron (s-Fe0) particles (II): The effect of surface copper. Journal of Hazardous Materials, 2015, 287, 325-334.  | 12.4       | 25            |
| 10 | New insight into the cosolvent effect on the degradation of tetrabromobisphenol A (TBBPA) over<br>millimeter-scale palladised sponge iron (Pd-s-FeO) particles. Chemical Engineering Journal, 2019, 361,<br>1423-1436.   | 12.7       | 21            |
| 11 | Environmental application of millimetre-scale sponge iron (s-Fe0) particles (I): Pretreatment of cationic triphenylmethane dyes. Journal of Hazardous Materials, 2015, 283, 469-479.   | 12.4       | 19            |
| 12 | Could microwave induced catalytic oxidation (MICO) process over CoFe2O4 effectively eliminate brilliant green in aqueous solution?. Journal of Hazardous Materials, 2013, 263, 600-609.  | 12.4       | 17            |
| 13 | Environmental application of millimetre-scale sponge iron (s-Fe0) particles (III): The effect of surface silver. Journal of Hazardous Materials, 2015, 299, 618-629.   | 12.4       | 17            |
| 14 | The influence of a washing pretreatment containing phosphate anions on single-mode<br>microwave-based detoxification of fly ash from municipal solid waste incinerators. Chemical<br>Engineering Journal, 2020, 387, 124053.                                     | 12.7       | 16            |
| 15 | Synthesis of surface sulfated BiWO with enhanced photocatalytic performance. Journal of Environmental Sciences, 2012, 24, 2180-2190.   | 6.1        | 8             |
| 16 | Mechanism for the elimination of pollutants from aqueous solutions adopting NiR2O4 (R = Fe, Cr and) Tj ETQq0   | 009.ggBT / | Ovgrlock 10 1 |

| 17 | Rapid detoxification of dioxin and simultaneous stabilization of targeted heavy metals: New insight into a microwave-induced pyrolysis of fly ash. Chemical Engineering Journal, 2022, 429, 131939. | 12.7 | 6 |
|----|---|------|---|
| 18 | Synthesis of Ag-Cu co-doping sponge iron-based trimetal for boosting simultaneous degradation of combined pollutants. Journal of Hazardous Materials, 2022, 438, 129413.                            | 12.4 | 6 |

| #  | Article   | IF   | CITATIONS |
|----|---|------|-----------|
| 19 | Novel strategy for enhanced visible light-responsive photoactivity of ZnFe2O4 with a single-mode microwave combustion process: Primary parameters. Chemical Engineering Journal, 2022, 440, 135551. | 12.7 | 5         |