

# Wang Junliang

## List of Publications by Year in descending order

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14  
papers

192  
citations

933447

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1058476

14  
g-index

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docs citations

14  
times ranked

202  
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic lanthanide oxide catalysts: An application and comparison in the heterogeneous catalytic ozonation of diethyl phthalate in aqueous solution. <i>Separation and Purification Technology</i> , 2016, 159, 57-67.	7.9	37
2	Magnetic Pr <sub>6</sub> O <sub>11</sub> /SiO <sub>2</sub> @Fe <sub>3</sub> O <sub>4</sub> particles as the heterogeneous catalyst for the catalytic ozonation of acetochlor: Performance and aquatic toxicity. <i>Separation and Purification Technology</i> , 2018, 197, 63-69.	7.9	24
3	Depolymerization of polycarbonate with catalyst in hot compressed water in fused silica capillary and autoclave reactors. <i>RSC Advances</i> , 2014, 4, 19992-19998.	3.6	22
4	Determination of CO <sub>2</sub> Solubility in Water and NaCl Solutions under Geological Sequestration Conditions Using a Fused Silica Capillary Cell with in Situ Raman Spectroscopy. <i>Journal of Chemical &amp; Engineering Data</i> , 2019, 64, 2484-2496.	1.9	16
5	Visual and Raman spectroscopic observations of hot compressed water oxidation of guaiacol in fused silica capillary reactors. <i>Journal of Supercritical Fluids</i> , 2014, 95, 546-552.	3.2	14
6	Using Raman spectroscopy and a fused quartz tube reactor to study the oxidation of o-dichlorobenzene in hot compressed water. <i>Journal of Supercritical Fluids</i> , 2018, 140, 380-386.	3.2	14
7	Decomposition of 1,1,1-trichloroethane in hot compressed water in anti-corrosive fused silica capillary reactor and Raman spectroscopic measurement of CO <sub>2</sub> product. <i>Chemical Engineering Science</i> , 2013, 94, 185-191.	3.8	12
8	Solubility and dissolution mechanism of 4-chlorotoluene in subcritical water investigated in a fused silica capillary reactor by in situ Raman spectroscopy. <i>Fluid Phase Equilibria</i> , 2016, 425, 93-97.	2.5	12
9	Depolymerization of poly(ethylene naphthalate) in fused silica capillary reactor and autoclave reactor from 240 to 280°C in subcritical water. <i>Polymer Engineering and Science</i> , 2017, 57, 1382-1388.	3.1	10
10	Using a Fused Silica Capillary Cell and In Situ Raman Spectroscopy To Develop a Setup for Measurement of the Volume Expansion of Carbon Dioxide + n-Hexane. <i>Energy &amp; Fuels</i> , 2017, 31, 6314-6319.	5.1	10
11	Depolymerization of waste polybutylene terephthalate in hot compressed water in a fused silica capillary reactor and an autoclave reactor: Monomer phase behavior, stability, and mechanism. <i>Polymer Engineering and Science</i> , 2017, 57, 544-549.	3.1	10
12	In situ Raman spectroscopy investigation of the solubility and dissolution mechanism of 1,2-dichlorobenzene in hot compressed water in a fused silica capillary reactor. <i>Journal of Raman Spectroscopy</i> , 2017, 48, 1454-1458.	2.5	4
13	Raman spectroscopic technique towards understanding the degradation of phenol by sodium persulfate in hot compressed water. <i>Chemosphere</i> , 2020, 257, 127264.	8.2	4
14	Hydrothermal liquefaction phase behavior of microalgae & model compounds in fused silica capillary reactor. <i>International Journal of Green Energy</i> , 2017, 14, 861-867.	3.8	3