

Wang Junliang

List of Publications by Year in descending order

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14
papers

192
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933447

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docs citations

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202
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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 |
| 2 | Determination of CO ₂ 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 & Engineering Data</i> , 2019, 64, 2484-2496. | 1.9 | 16 |
| 3 | Magnetic Pr ₆ O ₁₁ /SiO ₂ @Fe ₃ O ₄ 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 |
| 4 | 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 |
| 5 | Depolymerization of poly(ethylene naphthalate) in fused silica capillary reactor and autoclave reactor from 240 to 280Å°C in subcritical water. <i>Polymer Engineering and Science</i> , 2017, 57, 1382-1388. | 3.1 | 10 |
| 6 | 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 |
| 7 | <i>In situ</i> 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 |
| 8 | 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 & Fuels</i> , 2017, 31, 6314-6319. | 5.1 | 10 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | Decomposition of 1,1,1-trichloroethane in hot compressed water in anti-corrosive fused silica capillary reactor and Raman spectroscopic measurement of CO ₂ product. <i>Chemical Engineering Science</i> , 2013, 94, 185-191. | 3.8 | 12 |