

# Chun Shen

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

495  
citations

687363

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677142

22  
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docs citations

23  
times ranked

550  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Green Synthesis of Ag@TiO <sub>2</sub> Supported on Porous Glass with Enhanced Photocatalytic Performance for Oxidative Desulfurization and Removal of Dyes under Visible Light. ACS Sustainable Chemistry and Engineering, 2018, 6, 13276-13286. | 6.7  | 78        |
| 2  | Highly Selective Production of <i>p</i> -Xylene from 2,5-Dimethylfuran over Hierarchical NbO <sub>x</sub> -Based Catalyst. ACS Sustainable Chemistry and Engineering, 2018, 6, 1891-1899.   | 6.7  | 41        |
| 3  | Ultra-selective <i>p</i> -xylene production through cycloaddition and dehydration of 2,5-dimethylfuran and ethylene over tin phosphate. Applied Catalysis B: Environmental, 2019, 259, 118108.  | 20.2 | 38        |
| 4  | Highly Selective Production of Biobased <i>p</i> -Xylene from 2,5-Dimethylfuran over SiO <sub>2</sub> @SO <sub>3</sub> H Catalysts. Industrial & Engineering Chemistry Research, 2017, 56, 5852-5859.   | 3.7  | 35        |
| 5  | Production of <i>p</i> -xylene from bio-based 2,5-dimethylfuran over high performance catalyst WO <sub>3</sub> /SBA-15. Catalysis Science and Technology, 2017, 7, 5540-5549.   | 4.1  | 31        |
| 6  | Efficient Production of 5-Hydroxymethylfurfural Enhanced by Liquid-Liquid Extraction in a Membrane Dispersion Microreactor. ACS Sustainable Chemistry and Engineering, 2018, 6, 3992-3999.  | 6.7  | 31        |
| 7  | Synergistic effect between Ni single atoms and acid-base sites: Mechanism investigation into catalytic transfer hydrogenation reaction. Journal of Catalysis, 2021, 393, 1-10.  | 6.2  | 28        |
| 8  | Green synthesis and enhanced photocatalytic activity of Ce-doped TiO <sub>2</sub> nanoparticles supported on porous glass. Particuology, 2017, 34, 103-109.   | 3.6  | 25        |
| 9  | Upgrade of Solvent-Free Acetone-Butanol-Ethanol Mixture to High-Value Biofuels over Ni-Containing MgO@SiO <sub>2</sub> Catalysts with Greatly Improved Water-Resistance. ACS Sustainable Chemistry and Engineering, 2017, 5, 8181-8191.           | 6.7  | 25        |
| 10 | Upgrading <i>n</i> -Butanol to Branched Alcohols over Ni/CaMg <sub>y</sub> O. ACS Sustainable Chemistry and Engineering, 2020, 8, 16960-16967.  | 6.7  | 21        |
| 11 | Fast and continuous synthesis of 2,5-furandicarboxylic acid in a micropacked-bed reactor. Chemical Engineering Journal, 2022, 442, 136110.  | 12.7 | 17        |
| 12 | Improved Selectivity of Long-Chain Products from Aqueous Acetone-Butanol-Ethanol Mixture over High Water Resistant Catalyst Based on Hydrophobic SBA-16. ACS Sustainable Chemistry and Engineering, 2019, 7, 10323-10331.                         | 6.7  | 16        |
| 13 | Is hydrolysis a bad news for <i>p</i> -xylene production from 2,5-dimethylfuran and ethylene? Mechanism investigation into the role of acid strength during 2,5-hexanedione conversion. Journal of Catalysis, 2021, 401, 214-223.                 | 6.2  | 16        |
| 14 | Highly Selective Production of 2,5-Dimethylfuran from Fructose through Tailoring of Catalyst Wettability. Industrial & Engineering Chemistry Research, 2019, 58, 10844-10854.   | 3.7  | 14        |
| 15 | Domino Reactions for Biofuel Production from Zymotic Biomass Wastes over Bifunctional Mg-Containing Catalysts. ACS Sustainable Chemistry and Engineering, 2019, 7, 18943-18954.   | 6.7  | 14        |
| 16 | Controllability and flexibility in particle manufacturing of a segmented microfluidic device with passive picoinjection. AIChE Journal, 2018, 64, 3817-3825.  | 3.6  | 12        |
| 17 | Monodispersed Pd Nanoparticles Supported on Mg-Al Mixed Metal Oxides: A Green and Controllable Synthesis. ACS Omega, 2016, 1, 498-506.  | 3.5  | 10        |
| 18 | Catalytic hydrogenation of 2-ethylantraquinone using an in situ synthesized Pd catalyst. RSC Advances, 2016, 6, 23942-23948.  | 3.6  | 10        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Preparation of Au Nanocolloids by in Situ Dispersion and Their Applications in Surface-Enhanced Raman Scattering (SERS) Films. <i>Industrial &amp; Engineering Chemistry Research</i> , 2016, 55, 6783-6791.               | 3.7 | 8         |
| 20 | Au <sup>+</sup> on Ti <sup>3+</sup> : Active site of MO <sub>2</sub> -Au/TiO <sub>2</sub> catalysts for the aerobic oxidation of 5-hydroxymethylfurfural. <i>Green Energy and Environment</i> , 2023, 8, 785-797.          | 8.7 | 8         |
| 21 | Are fermentation products promising feedstock for high-density bio-fuel? domino reactions for upgrading aqueous acetone-butanol-ethanol mixtures. <i>Green Chemistry</i> , 2020, 22, 6137-6147.                            | 9.0 | 6         |
| 22 | Mechanistic insights into CoO <sub>x</sub> -Ag/CeO <sub>2</sub> catalysts for the aerobic oxidation of 5-hydroxymethylfurfural to 2,5-furandicarboxylic acid. <i>Catalysis Science and Technology</i> , 2022, 12, 116-123. | 4.1 | 6         |
| 23 | In situ dispersion of non-aqueous Fe <sub>3</sub> O <sub>4</sub> nanocolloids by microdroplet coalescence and their use in the preparation of magnetic composite particles. <i>Soft Matter</i> , 2016, 12, 5180-5187.      | 2.7 | 5         |