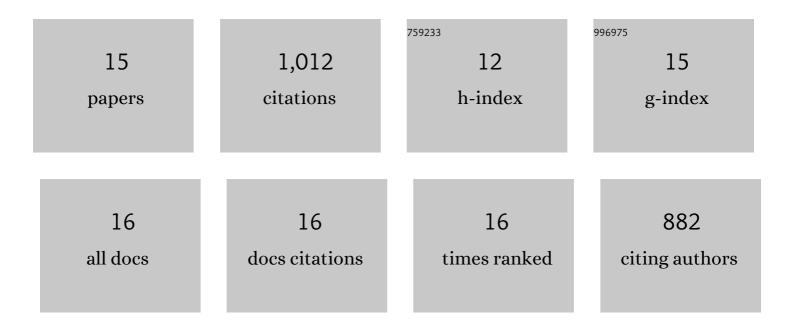
Yaxuan Jing

List of Publications by Year in descending order

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YAYUAN LINC

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | NbO _{<i>x</i>} -Based Catalysts for the Activation of C–O and C–C Bonds in the Valorization of Waste Carbon Resources. Accounts of Chemical Research, 2022, 55, 1301-1312. | 15.6 | 30 |
| 2 | Towards the Circular Economy: Converting Aromatic Plastic Waste Back to Arenes over a Ru/Nb ₂ O ₅ Catalyst. Angewandte Chemie - International Edition, 2021, 60, 5527-5535. | 13.8 | 169 |
| 3 | Towards the Circular Economy: Converting Aromatic Plastic Waste Back to Arenes over a Ru/Nb 2 O 5 Catalyst. Angewandte Chemie, 2021, 133, 5587-5595. | 2.0 | 42 |
| 4 | H ₂ â€free Plastic Conversion: Converting PET back to BTX by Unlocking Hidden Hydrogen. ChemSusChem, 2021, 14, 4242-4250. | 6.8 | 50 |
| 5 | Recovery of Arenes from Polyethylene Terephthalate (PET) over a Co/TiO ₂ Catalyst. ChemSusChem, 2021, 14, 4330-4339. | 6.8 | 31 |
| 6 | Plastic waste to drug intermediate: targeted cleavage of C–O bonds in polyphenylene oxide to 3,5-dimethyl phenol. Green Chemistry, 2021, 23, 9640-9645. | 9.0 | 13 |
| 7 | Chemicals from Lignin: A Review of Catalytic Conversion Involving Hydrogen. ChemSusChem, 2020, 13, 4181-4198. | 6.8 | 126 |
| 8 | Catalytic Hydrodeoxygenation of Lignin-Derived Feedstock Into Arenes and Phenolics. Frontiers in Chemical Engineering, 2020, 2, . | 2.7 | 7 |
| 9 | Highly efficient alloyed NiCu/Nb ₂ O ₅ catalyst for the hydrodeoxygenation of biofuel precursors into liquid alkanes. Catalysis Science and Technology, 2020, 10, 4256-4263. | 4.1 | 22 |
| 10 | Selective production of indane and its derivatives from lignin over a modified niobium-based catalyst. Chemical Communications, 2019, 55, 9391-9394. | 4.1 | 31 |
| 11 | Highly efficient Nb2O5 catalyst for aldol condensation of biomass-derived carbonyl molecules to fuel precursors. Chinese Journal of Catalysis, 2019, 40, 1168-1177. | 14.0 | 55 |
| 12 | Catalytic Production of Value-Added Chemicals and Liquid Fuels from Lignocellulosic Biomass. CheM, 2019, 5, 2520-2546. | 11.7 | 337 |
| 13 | Boosting the utilization efficiency of glucose <i>via</i> a favored C–C coupling reaction. Green Chemistry, 2019, 21, 6236-6240. | 9.0 | 7 |
| 14 | Robinson Annulation-Directed Synthesis of Jet-Fuel-Ranged Alkylcyclohexanes from Biomass-Derived Chemicals. ACS Catalysis, 2018, 8, 3280-3285. | 11.2 | 58 |
| 15 | Production of Lowâ€Freezingâ€Point Highly Branched Alkanes through Michael Addition. ChemSusChem, 2017, 10, 4817-4823. | 6.8 | 34 |