# Carlos Marquez

List of Publications by Year
in descending order



| 12 | 347 | 1163117 8 | 1281871 11 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 12 | 12 | 12 | 506 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Engineering a Highly Defective Stable UiO-66 with Tunable Lewis- BrÃ¸nsted Acidity: The Role of the Hemilabile Linker. Journal of the American Chemical Society, 2020, 142, 3174-3183. | 13.7 | 156 |
| 2 | Ni-Catalyzed reductive amination of phenols with ammonia or amines into cyclohexylamines. Green Chemistry, 2020, 22, 1884-1893. | 9.0 | 38 |
| 3 | Increasing the availability of active sites in Zn-Co double metal cyanides by dispersion onto a SiO2 support. Journal of Catalysis, 2017, 354, 92-99. | 6.2 | 36 |
| 4 | Layered Zn<sub>2</sub>[Co(CN)<sub>6</sub>](CH<sub>3</sub>COO) double metal cyanide: a two-dimensional DMC phase with excellent catalytic performance. Chemical Science, 2019, 10, 4868-4875. | 7.4 | 24 |
| 5 | Tunable Prussian blue analogues for the selective synthesis of propargylamines through A<sup>3</sup> coupling. Catalysis Science and Technology, 2018, 8, 2061-2065. | 4.1 | 23 |
| 6 | Metal ion exchange in Prussian blue analogues: Cu(<scp>ii</scp>)-exchanged Znâ€“Co PBAs as highly selective catalysts for A<sup>3</sup> coupling. Dalton Transactions, 2019, 48, 3946-3954. | 3.3 | 17 |
| 7 | Olefins from Biobased Sugar Alcohols via Selective, Ru-Mediated Reaction in Catalytic Phosphonium Ionic Liquids. ACS Catalysis, 2020, 10, 9401-9409. | 11.2 | 17 |
| 8 | Catalytic upcycling of PVC waste-derived phthalate esters into safe, hydrogenated plasticizers. Green Chemistry, 2022, 24, 754-766. | 9.0 | 14 |
| 9 | Double metal cyanides as heterogeneous Lewis acid catalysts for nitrile synthesisviaacid-nitrile exchange reactions. Chemical Communications, 2019, 55, 12984-12987. | 4.1 | 8 |
| 10 | Metalâ€“biomolecule frameworks (BioMOFs): a novel approach for â€œgreenâ€•optoelectronic applications. Chemical Communications, 2022, 58, 677-680. | 4.1 | 7 |
| 11 | Understanding the Effects of Binders in Gas Sorption and Acidity of Aluminium Fumarate Extrudates. Chemistry - A European Journal, 2022, 28, . | 3.3 | 6 |
| 12 | Adsorptive separation using self-assembly on graphite: from nanoscale to bulk processes. Chemical Science, 2022, 13, 9035-9046. | 7.4 | 1 |