

Cunyu Zhao

List of Publications by Year in descending order

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13
papers

1,118
citations

759233

12
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

1790
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Spontaneous Dissociation of CO ₂ to CO on Defective Surface of Cu(I)/TiO ₂ Nanoparticles at Room Temperature. <i>Journal of Physical Chemistry C</i> , 2012, 116, 7904-7912. | 3.1 | 262 |
| 2 | Ultrasonic spray pyrolysis synthesis of Ag/TiO ₂ nanocomposite photocatalysts for simultaneous H ₂ production and CO ₂ reduction. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 9967-9976. | 7.1 | 136 |
| 3 | Porous microspheres of MgO-patched TiO ₂ for CO ₂ photoreduction with H ₂ O vapor: temperature-dependent activity and stability. <i>Chemical Communications</i> , 2013, 49, 3664. | 4.1 | 114 |
| 4 | Mechanistic Study of CO ₂ Photoreduction with H ₂ O on Cu/TiO ₂ Nanocomposites by in Situ X-ray Absorption and Infrared Spectroscopies. <i>Journal of Physical Chemistry C</i> , 2017, 121, 490-499. | 3.1 | 107 |
| 5 | Sulfur-infiltrated porous carbon microspheres with controllable multi-modal pore size distribution for high energy lithium-sulfur batteries. <i>Nanoscale</i> , 2014, 6, 882-888. | 5.6 | 97 |
| 6 | Photocatalytic conversion of CO ₂ and H ₂ O to fuels by nanostructured Ce-TiO ₂ /SBA-15 composites. <i>Catalysis Science and Technology</i> , 2012, 2, 2558. | 4.1 | 94 |
| 7 | CO ₂ photoreduction with H ₂ O vapor by porous MgO-TiO ₂ microspheres: effects of surface MgO dispersion and CO ₂ adsorption-desorption dynamics. <i>Catalysis Science and Technology</i> , 2014, 4, 1539-1546. | 4.1 | 91 |
| 8 | Silver-incorporated bicrystalline (anatase/brookite) TiO ₂ microspheres for CO ₂ photoreduction with water in the presence of methanol. <i>Applied Catalysis A: General</i> , 2013, 467, 474-482. | 4.3 | 70 |
| 9 | Synthesis of novel MgAl layered double oxide grafted TiO ₂ cuboids and their photocatalytic activity on CO ₂ reduction with water vapor. <i>Catalysis Science and Technology</i> , 2015, 5, 3288-3295. | 4.1 | 47 |
| 10 | ZnO-CoO Nanoparticles Encapsulated in 3D Porous Carbon Microspheres for High-performance Lithium-Ion Battery Anodes. <i>Electrochimica Acta</i> , 2014, 135, 224-231. | 5.2 | 32 |
| 11 | Synthesis of Carbon-TiO ₂ Nanocomposites with Enhanced Reversible Capacity and Cyclic Performance as Anodes for Lithium-Ion Batteries. <i>Electrochimica Acta</i> , 2015, 155, 288-296. | 5.2 | 32 |
| 12 | CO ₂ photoreduction with water vapor by Ti-embedded MgAl layered double hydroxides. <i>Journal of CO₂ Utilization</i> , 2016, 15, 15-23. | 6.8 | 30 |
| 13 | Mesoporous Ni-CeO ₂ Catalyst with Enhanced Selectivity and Stability for Reverse Water-Gas Shift Reaction. <i>Journal of Chemical Engineering of Japan</i> , 2016, 49, 161-165. | 0.6 | 6 |