

Gang Ou

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/771590/publications.pdf>

Version: 2024-02-01

30
papers

1,726
citations

535685

17
h-index

536525

29
g-index

30
all docs

30
docs citations

30
times ranked

3685
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Defective NiFe ₂ O ₄ Nanoparticles for Efficient Urea Electrooxidation. Chemistry - an Asian Journal, 2019, 14, 2796-2801. | 1.7 | 14 |
| 2 | Room temperature Mg reduction of TiO ₂ : formation mechanism and application in photocatalysis. Chemical Communications, 2019, 55, 7675-7678. | 2.2 | 13 |
| 3 | Targeted Heating of Enzyme Systems Based on Photothermal Materials. ChemBioChem, 2019, 20, 2467-2473. | 1.3 | 6 |
| 4 | Bifunctional nickel oxide-based nanosheets for highly efficient overall urea splitting. Chemical Communications, 2019, 55, 6555-6558. | 2.2 | 53 |
| 5 | Large Piezoelectric Strain in Sub-10 Nanometer Two-Dimensional Polyvinylidene Fluoride Nanoflakes. ACS Nano, 2019, 13, 4496-4506. | 7.3 | 37 |
| 6 | Oxygen-deficient metal oxides: Synthesis routes and applications in energy and environment. Nano Research, 2019, 12, 2150-2163. | 5.8 | 86 |
| 7 | Boosting the Electrocatalytic Water Oxidation Performance of CoFe ₂ O ₄ Nanoparticles by Surface Defect Engineering. ACS Applied Materials & Interfaces, 2019, 11, 3978-3983. | 4.0 | 76 |
| 8 | Surface Engineering of Perovskite Oxide for Bifunctional Oxygen Electrocatalysis. Small Methods, 2019, 3, 1800279. | 4.6 | 47 |
| 9 | Tuning defects in oxides at room temperature by lithium reduction. Nature Communications, 2018, 9, 1302. | 5.8 | 428 |
| 10 | Defective molybdenum sulfide quantum dots as highly active hydrogen evolution electrocatalysts. Nano Research, 2018, 11, 751-761. | 5.8 | 83 |
| 11 | Copper reduced defective TiO ₂ nanoparticles with enhanced visible light photocatalytic activity. Journal of the American Ceramic Society, 2018, 101, 4857-4863. | 1.9 | 7 |
| 12 | Ultralight, scalable, and high-temperature resilient ceramic nanofiber sponges. Science Advances, 2017, 3, e1603170. | 4.7 | 207 |
| 13 | A facile fabrication method for ultrathin NiO/Ni nanosheets as a high-performance electrocatalyst for the oxygen evolution reaction. RSC Advances, 2017, 7, 18539-18544. | 1.7 | 11 |
| 14 | Large-scale hierarchical oxide nanostructures for high-performance electrocatalytic water splitting. Nano Energy, 2017, 35, 207-214. | 8.2 | 101 |
| 15 | Defective MoS ₂ electrocatalyst for highly efficient hydrogen evolution through a simple ball-milling method. Science China Materials, 2017, 60, 849-856. | 3.5 | 23 |
| 16 | Enhanced Electrocatalytic Activity for Water Splitting on NiO/Ni/Carbon Fiber Paper. Materials, 2017, 10, 15. | 1.3 | 23 |
| 17 | Fabrication of high performance oxygen sensors using multilayer oxides with high interfacial conductivity. Journal of Materials Chemistry A, 2016, 4, 11422-11429. | 5.2 | 13 |
| 18 | Graphene-based Recyclable Photo-Absorbers for High-Efficiency Seawater Desalination. ACS Applied Materials & Interfaces, 2016, 8, 9194-9199. | 4.0 | 186 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Textured LiFePO_4 Bulk with Enhanced Electrical Conductivity. Journal of the American Ceramic Society, 2016, 99, 3214-3216. | 1.9 | 6 |
| 20 | Aerodynamic levitated laser annealing method to defective titanium dioxide with enhanced photocatalytic performance. Nano Research, 2016, 9, 3839-3847. | 5.8 | 13 |
| 21 | A highly active molybdenum multisulfide electrocatalyst for the hydrogen evolution reaction. RSC Advances, 2016, 6, 107158-107162. | 1.7 | 14 |
| 22 | Photothermal therapy by using titanium oxide nanoparticles. Nano Research, 2016, 9, 1236-1243. | 5.8 | 86 |
| 23 | Phase stability and high conductivity of ScSZ nanofibers: effect of the crystallite size. Journal of Materials Chemistry A, 2015, 3, 10795-10800. | 5.2 | 18 |
| 24 | Arc-Melting to Narrow the Bandgap of Oxide Semiconductors. Advanced Materials, 2015, 27, 2589-2594. | 11.1 | 52 |
| 25 | Oxide Semiconductors: Arc-Melting to Narrow the Bandgap of Oxide Semiconductors (Adv. Mater.) | 11.1 | 52 |
| 26 | Suppressed phase transition and giant ionic conductivity in $\text{La}_2\text{Mo}_2\text{O}_9$ nanowires. Nature Communications, 2015, 6, 8354. | 5.8 | 35 |
| 27 | Enhanced oxide-ion conductivity in highly c-axis textured $\text{La}_{10}\text{Si}_6\text{O}_{27}$ ceramic. Journal of Materials Chemistry A, 2014, 2, 13817. | 5.2 | 11 |
| 28 | High conductivity of $\text{La}_2\text{Zr}_2\text{O}_7$ nanofibers by phase control. Journal of Materials Chemistry A, 2014, 2, 1855-1861. | 5.2 | 41 |
| 29 | Ultrasensitive visible light photoresponse and electrical transportation properties of nonstoichiometric indium oxide nanowire arrays by electrospinning. Journal of Materials Chemistry C, 2013, 1, 6463. | 2.7 | 28 |
| 30 | Residual stress-dependent electric conductivity of sputtered co-doped CeO_2 thin-film electrolyte. Journal of Applied Physics, 2011, 109, 084321. | 1.1 | 8 |