# Guozhu Chen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4299462/publications.pdf

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| 56 | 2,155 | 201674 | 233421 |
|---|---|---|---|
| papers | citations | 27 h-index | 45 g-index |

| 56 | 56 | 56 | 3099 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Deposition of Pt clusters onto MOFs-derived CeO2 by ALD for selective hydrogenation of furfural. Fuel, 2022, 311, 122584. | 6.4 | 17 |
| 2 | The Deep Understanding into the Promoted Carbon Dioxide Electroreduction of ZIFâ€8â€Derived Singleâ€Atom Catalysts by the Simple Grinding Process. Small Structures, 2022, 3, . | 12.0 | 13 |
| 3 | Highly dispersed Pt species anchored onto NH<sub>2</sub>-Ce-MOFs and their derived mesoporous catalysts for CO oxidation. Nanoscale, 2021, 13, 117-123. | 5.6 | 16 |
| 4 | Ultrastable Plasmonic Cu-Based Coreâ€“Shell Nanoparticles. Chemistry of Materials, 2021, 33, 695-705. | 6.7 | 29 |
| 5 | Nitrogenâ€Doped Cobalt Diselenide with Cubic Phase Maintained for Enhanced Alkaline Hydrogen Evolution. Angewandte Chemie - International Edition, 2021, 60, 21575-21582. | 13.8 | 94 |
| 6 | Rate Balance Design and Construction of a Conductive Ni<sub>0.5</sub>Co<sub>0.5</sub>MoO<sub>4</sub> Solid-Solution Microspherical Superstructure toward Advanced Hybrid Supercapacitors. ACS Applied Energy Materials, 2021, 4, 9470-9478. | 5.1 | 7 |
| 7 | Nitrogenâ€Doped Cobalt Diselenide with Cubic Phase Maintained for Enhanced Alkaline Hydrogen Evolution. Angewandte Chemie, 2021, 133, 21745-21752. | 2.0 | 14 |
| 8 | Singleâ€Solvent, Ligandâ€Free, Gramâ€Scale Synthesis of Cs 4 PbBr 6 Perovskite Solids with Robust Green Photoluminescence. ChemNanoMat, 2020, 6, 258-266. | 2.8 | 11 |
| 9 | Ceâ€“Mn coordination polymer derived hierarchical/porous structured CeO<sub>2</sub>â€“MnO<sub>x</sub> for enhanced catalytic properties. Nanoscale, 2020, 12, 16381-16388. | 5.6 | 22 |
| 10 | Ordinary clay as a support of nickel catalyst for steam reforming of acetic acid: Impacts of pretreatments of clay on catalytic behaviors. International Journal of Energy Research, 2020, 44, 10378-10393. | 4.5 | 11 |
| 11 | Iridium/Copperâ€Catalyzed Oxidative Cî^'H/Oî^'H Annulation of Benzoic Acids with Saturated Ketones for Accessing 3â€Substituted Phthalides. ChemCatChem, 2020, 12, 5907-5911. | 3.7 | 8 |
| 12 | Implanting Atomic Dispersed Ru in PtNi Colloidal Nanocrystal Clusters for Efficient Catalytic Performance in Electroâ€oxidation of Liquid Fuels. Chemistry - A European Journal, 2020, 26, 16869-16874. | 3.3 | 1 |
| 13 | Ring-Patterned Perovskite Single Crystals Fabricated by the Combination of Rigid and Flexible Templates. ACS Applied Materials & Interfaces, 2020, 12, 27786-27793. | 8.0 | 3 |
| 14 | Tandem Catalysis of Ammonia Borane Dehydrogenation and Phenylacetylene Hydrogenation Catalyzed by CeO<sub>2</sub> Nanotube/Pd@MILâ€53(Al). Chemistry - A European Journal, 2020, 26, 4419-4424. | 3.3 | 19 |
| 15 | Evolution of the functionalities and structures of biochar in pyrolysis of poplar in a wide temperature range. Bioresource Technology, 2020, 304, 123002. | 9.6 | 104 |
| 16 | Patterned Lead Halide Perovskite Crystals Fabricated by Microstructured Templates. Crystal Growth and Design, 2020, 20, 2803-2816. | 3.0 | 14 |
| 17 | Engineering of the dâ€Band Center of Perovskite Cobaltite for Enhanced Electrocatalytic Oxygen Evolution. ChemSusChem, 2020, 13, 2671-2676. | 6.8 | 39 |
| 18 | External and Internal Interface-Controlled Trimetallic PtCuNi Nanoframes with High Defect Density for Enhanced Electrooxidation of Liquid Fuels. Chemistry of Materials, 2020, 32, 1581-1594. | 6.7 | 41 |

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|---|---|---|---|
| 19 | Rhodium(III)â€Catalyzed Oxidative C(sp 3 )â^'H Alkenylation of 8â€Methylquinolines with Maleimides Under Aerobic Conditions. Advanced Synthesis and Catalysis, 2020, 362, 2541-2546. | 4.3 | 9 |
| 20 | Inner space- and architecture-controlled nanoframes for efficient electro-oxidation of liquid fuels. Journal of Materials Chemistry A, 2019, 7, 19280-19289. | 10.3 | 12 |
| 21 | Defect-density control of platinum-based nanoframes with high-index facets for enhanced electrochemical properties. Nano Research, 2019, 12, 2881-2888. | 10.4 | 25 |
| 22 | CeO2-CuO bimetal oxides derived from Ce-based MOF and their difference in catalytic activities for CO oxidation. Materials Chemistry and Physics, 2019, 226, 338-343. | 4.0 | 39 |
| 23 | Poly(sodium 4â€styrenesulfonate) Assisted Roomâ€Temperature Synthesis for the Mass Production of Bismuth Oxychloride Ultrathin Nanoplates with Enhanced Photocatalytic Activity. ChemPlusChem, 2019, 84, 828-837. | 2.8 | 10 |
| 24 | Atomic-layer-deposition-formed sacrificial template for the construction of an MIL-53 shell to increase selectivity of hydrogenation reactions. Chemical Communications, 2019, 55, 7651-7654. | 4.1 | 22 |
| 25 | Metalâ€“Organic Framework (MOF)â€Derived Carbonâ€Mediated Interfacial Reaction for the Synthesis of CeO<sub>2</sub>â^'MnO<sub>2</sub> Catalysts. Chemistry - A European Journal, 2019, 25, 6621-6627. | 3.3 | 25 |
| 26 | Ultrafine NiMoO<sub>x</sub> nanoparticles confined in mesoporous carbon for the reduction of nitroarenes: effect of the composition and accessibility of the active sites. RSC Advances, 2019, 9, 4571-4582. | 3.6 | 4 |
| 27 | The structures, water stabilities and photoluminescence properties of two types of iodocuprate(<scp>i</scp>)-based hybrids. Dalton Transactions, 2018, 47, 2306-2317. | 3.3 | 32 |
| 28 | Dual Template Engaged Synthesis of Hollow Ballâ€inâ€Tube Asymmetrical Structured Ceria. Particle and Particle Systems Characterization, 2018, 35, 1700367. | 2.3 | 3 |
| 29 | Successive Interfacial Reaction-Directed Synthesis of CeO<sub>2</sub>@Au@CeO<sub>2</sub>-MnO<sub>2</sub> Environmental Catalyst with Sandwich Hollow Structure. ACS Applied Materials & Interfaces, 2018, 10, 11595-11603. | 8.0 | 34 |
| 30 | One-pot synthesis of Ptâ^'Cu bimetallic nanocrystals with different structures and their enhanced electrocatalytic properties. Nano Research, 2018, 11, 2612-2624. | 10.4 | 29 |
| 31 | Hierarchically Porous ZSM-5/SBA-15 Zeolite: Tuning Pore Structure and Acidity for Enhanced Hydro-Upgrading of FCC Gasoline. Industrial & Engineering Chemistry Research, 2018, 57, 14031-14043. | 3.7 | 24 |
| 32 | Carbon sphere-assisted solution combustion synthesis of porous/hollow structured CeO2-MnOx catalysts. Chemical Engineering Journal, 2018, 352, 64-70. | 12.7 | 32 |
| 33 | Thermally stable and highly active Pt/CeO<sub>2</sub>@SiO<sub>2</sub> catalysts with a porous/hollow structure. Catalysis Science and Technology, 2018, 8, 4413-4419. | 4.1 | 15 |
| 34 | Design of Porous/Hollow Structured Ceria by Partial Thermal Decomposition of Ce-MOF and Selective Etching. ACS Applied Materials & Interfaces, 2017, 9, 39594-39601. | 8.0 | 91 |
| 35 | Oxygen vacancies dependent Au nanoparticle deposition and CO oxidation. RSC Advances, 2016, 6, 87978-87987. | 3.6 | 30 |
| 36 | Aqueous controllable synthesis of spindle-like palladium nanoparticles and their application for catalytic reduction of 4-nitrophenol. Progress in Natural Science: Materials International, 2016, 26, 295-302. | 4.4 | 12 |

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|---|---|---|---|
| 37 | Interfacial reaction-directed synthesis of a ceria nanotube-embedded ultra-small Pt nanoparticle catalyst with high catalytic activity and thermal stability. Journal of Materials Chemistry A, 2016, 4, 14148-14154. | 10.3 | 34 |
| 38 | Solubility product difference-guided synthesis of Co<sub>3</sub>O<sub>4</sub>â€“CeO<sub>2</sub> coreâ€“shell catalysts for CO oxidation. Catalysis Science and Technology, 2016, 6, 7273-7279. | 4.1 | 36 |
| 39 | Complete Au@ZnO coreâ€“shell nanoparticles with enhanced plasmonic absorption enabling significantly improved photocatalysis. Nanoscale, 2016, 8, 10774-10782. | 5.6 | 94 |
| 40 | Template engaged synthesis of hollow ceria-based composites. Nanoscale, 2015, 7, 5578-5591. | 5.6 | 33 |
| 41 | Room temperature interfacial reaction-directed synthesis of hierarchically porous ceria from a water-soluble precursor. Journal of Materials Chemistry A, 2015, 3, 7022-7028. | 10.3 | 6 |
| 42 | Facile and Mild Strategy to Construct Mesoporous CeO<sub>2</sub>â€“CuO Nanorods with Enhanced Catalytic Activity toward CO Oxidation. ACS Applied Materials & Interfaces, 2015, 7, 23538-23544. | 8.0 | 117 |
| 43 | In situ growth of Au@CeO<sub>2</sub>coreâ€“shell nanoparticles and CeO<sub>2</sub>nanotubes from Ce(OH)CO<sub>3</sub>nanorods. Journal of Materials Chemistry A, 2013, 1, 288-294. | 10.3 | 52 |
| 44 | Gold nanoparticle decorated ceria nanotubes with significantly high catalytic activity for the reduction of nitrophenol and mechanism study. Applied Catalysis B: Environmental, 2013, 132-133, 107-115. | 20.2 | 199 |
| 45 | Interfacial Reactionâ€Directed Synthesis of Ceâ€“Mn Binary Oxide Nanotubes and Their Applications in CO Oxidation and Water Treatment. Advanced Functional Materials, 2012, 22, 3914-3920. | 14.9 | 110 |
| 46 | Bifunctional catalytic/magnetic Ni@Ru coreâ€“shell nanoparticles. Chemical Communications, 2011, 47, 6308. | 4.1 | 128 |
| 47 | Benign synthesis of ceria hollow nanocrystals by a template-free method. CrystEngComm, 2011, 13, 2904. | 2.6 | 68 |
| 48 | Hydrothermal synthesis of hollow twinning ZnO microstructures. Crystal Research and Technology, 2009, 44, 373-378. | 1.3 | 12 |
| 49 | Kinetically controlled synthesis of hollow Cu<sub>2</sub>O nanocubes under solvothermal condition. Crystal Research and Technology, 2009, 44, 721-724. | 1.3 | 6 |
| 50 | One-step template-free synthesis of ZnWO4 hollow clusters. Journal of Materials Science, 2009, 44, 3082-3087. | 3.7 | 34 |
| 51 | Formationâ€‰ofâ€‰CeO<sub>2</sub>â€‰Nanotubesâ€‰fromâ€‰Ce(OH)CO<sub>3</sub> Nanorods through Kirkendall Diffusion. Inorganic Chemistry, 2009, 48, 1334-1338. | 4.0 | 66 |
| 52 | Template Synthesis and Luminescence Properties of CePO<sub>4</sub>:Tb Nanotubes. Journal of Physical Chemistry C, 2008, 112, 20217-20221. | 3.1 | 41 |
| 53 | Template-free Synthesis of Single-Crystalline-like CeO<sub>2</sub> Hollow Nanocubes. Crystal Growth and Design, 2008, 8, 4449-4453. | 3.0 | 105 |
| 54 | Interface Reaction Route to Two Different Kinds of CeO<sub>2</sub> Nanotubes. Inorganic Chemistry, 2008, 47, 723-728. | 4.0 | 95 |

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|---|---|---|---|
| 55 | Shape-selective synthesis of CeO2 via an EDTA-assisted route. Journal of Materials Science, 2007, 42, 6977-6981. | 3.7 | 7 |
| 56 | Fabrication of the Silver Grids by Interfacial Interaction. Advanced Engineering Materials, 0, , 2100901. | 3.5 | 1 |