

Jianfeng Ye

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,761
citations

758635

12
h-index

676716

22
g-index

24
all docs

24
docs citations

24
times ranked

3422
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Nanoporous Anatase TiO ₂ Mesocrystals: Additive-Free Synthesis, Remarkable Crystalline-Phase Stability, and Improved Lithium Insertion Behavior. <i>Journal of the American Chemical Society</i> , 2011, 133, 933-940. | 6.6 | 598 |
| 2 | Morphology-Controlled Synthesis of SnO ₂ Nanotubes by Using 1D Silica Mesostructures as Sacrificial Templates and Their Applications in Lithium-Ion Batteries. <i>Small</i> , 2010, 6, 296-306. | 5.2 | 350 |
| 3 | Shape- and Size-Controlled Synthesis of Uniform Anatase TiO ₂ Nanocuboids Enclosed by Active {100} and {001} Facets. <i>Advanced Functional Materials</i> , 2011, 21, 3554-3563. | 7.8 | 232 |
| 4 | Self-cleaning, broadband and quasi-omnidirectional antireflective structures based on mesocrystalline rutile TiO ₂ nanorod arrays. <i>Energy and Environmental Science</i> , 2012, 5, 7575. | 15.6 | 122 |
| 5 | Kinetics-controlled growth of aligned mesocrystalline SnO ₂ nanorod arrays for lithium-ion batteries with superior rate performance. <i>Nano Research</i> , 2013, 6, 243-252. | 5.8 | 93 |
| 6 | Tunable Hybrid Photodetectors with Superhigh Responsivity. <i>Small</i> , 2009, 5, 2371-2376. | 5.2 | 78 |
| 7 | Titanium Dioxide (TiO ₂) Mesocrystals: Synthesis, Growth Mechanisms and Photocatalytic Properties. <i>Catalysts</i> , 2019, 9, 91. | 1.6 | 48 |
| 8 | Defective Anatase TiO ₂ Mesocrystal Growth In Situ on g-C ₃ N ₄ Nanosheets: Construction of 3D/2D Z-scheme Heterostructures for Highly Efficient Visible-Light Photocatalysis. <i>Chemistry - A European Journal</i> , 2018, 24, 13311-13321. | 1.7 | 46 |
| 9 | Anatase TiO ₂ Mesocrystals: Green Synthesis, In Situ Conversion to Porous Single Crystals, and Self-Doping Ti ³⁺ for Enhanced Visible Light Driven Photocatalytic Removal of NO. <i>Chemistry - A European Journal</i> , 2017, 23, 5478-5487. | 1.7 | 43 |
| 10 | Fe-Doped SnO ₂ catalysts with both BA and LA sites: facile preparation and biomass carbohydrates conversion to methyl lactate MLA. <i>RSC Advances</i> , 2017, 7, 21678-21685. | 1.7 | 33 |
| 11 | One-pot synthesis of echinus-like Fe-doped SnO ₂ with enhanced photocatalytic activity under simulated sunlight. <i>Journal of Alloys and Compounds</i> , 2017, 695, 3318-3323. | 2.8 | 29 |
| 12 | Rational synthesis of SrTiO ₃ nanodots anchored mesocrystalline anatase TiO ₂ submicrospheres for photocatalytic reduction of Cr(VI). <i>Separation and Purification Technology</i> , 2021, 275, 119096. | 3.9 | 17 |
| 13 | The role of the KCaF ₃ crystalline phase on the activity of KF/CaO biodiesel synthesis catalyst. <i>Catalysis Communications</i> , 2018, 116, 72-75. | 1.6 | 12 |
| 14 | Preparation of Modified Konjac Glucomannan Nanoparticles and their Application as Vaccine Adjuvants to Promote Ovalbumin-Induced Immune Response in Mice. <i>Pharmaceutical Research</i> , 2018, 35, 105. | 1.7 | 11 |
| 15 | Recent Advances in the Fabrication of All-Solid-State Nanostructured TiO ₂ -Based Z-scheme Heterojunctions for Environmental Remediation. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 5861-5873. | 0.9 | 11 |
| 16 | Oxygen-Deficient Dumbbell-Shaped Anatase TiO ₂ Mesocrystals with Nearly 100% Exposed {101} Facets: Synthesis, Growth Mechanism, and Photocatalytic Performance. <i>Chemistry - A European Journal</i> , 2019, 25, 3032-3041. | 1.7 | 9 |
| 17 | Nanosized Carbonate-Doped TiO ₂ Mesocrystals for Visible-Light-Driven Photocatalytic Removal of Water Pollutants. <i>ACS Applied Nano Materials</i> , 2020, 3, 4197-4208. | 2.4 | 8 |
| 18 | Rational synthesis and lithium storage properties of hierarchical nanoporous TiO ₂ (B) assemblies with tailored crystallites and architectures. <i>Journal of Colloid and Interface Science</i> , 2021, 600, 530-536. | 5.0 | 8 |

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|----|--|-----|-----------|
| 19 | Biomimetic morphogenesis of micropottery: helical coiling of mesostructured silica nanofibers. <i>Soft Matter</i> , 2011, 7, 9624. | 1.2 | 5 |
| 20 | A core-shell double-layer structured polylactic acid/chitosan delivery system containing large molecular protein. <i>Iranian Polymer Journal (English Edition)</i> , 2020, 29, 997-1006. | 1.3 | 4 |
| 21 | Sn-doped 3D ATO inverse opal/hematite hierarchical structures: facile fabrication and efficient photoelectrochemical performance. <i>RSC Advances</i> , 2018, 8, 42049-42059. | 1.7 | 3 |
| 22 | Preparation of Multifunctional Drug-loaded Microcapsules with Core-shell Three-dimensional Network Structure and their Application in Colon Targeted Release. <i>Starch/Staerke</i> , 2021, 73, 2000016. | 1.1 | 1 |