

Zhi-Yan Guo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10140928/publications.pdf>

Version: 2024-02-01

8
papers

1,087
citations

1163117

8
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

1563
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|------|-----------|
| 1 | Mn ²⁺ O Covalency Governs the Intrinsic Activity of Co-Mn Spinel Oxides for Boosted Peroxymonosulfate Activation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 274-280. | 13.8 | 279 |
| 2 | Simultaneous nanocatalytic surface activation of pollutants and oxidants for highly efficient water decontamination. <i>Nature Communications</i> , 2022, 13, . | 12.8 | 117 |
| 3 | Innentitelbild: Mn ²⁺ O Covalency Governs the Intrinsic Activity of Co-Mn Spinel Oxides for Boosted Peroxymonosulfate Activation (<i>Angew. Chem.</i> 1/2021). <i>Angewandte Chemie</i> , 2021, 133, 2-2. | 2.0 | 104 |
| 4 | Sulfate-Functionalized Nickel Hydroxide Nanobelts for Sustained Oxygen Evolution. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 443-450. | 8.0 | 31 |
| 5 | Reusing Sulfur-Poisoned Palladium Waste as a Highly Active, Nonradical Fenton-like Catalyst for Selective Degradation of Phenolic Pollutants. <i>Environmental Science & Technology</i> , 2022, 56, 564-574. | 10.0 | 30 |
| 6 | Self-Supported, Sulfate-Functionalized Nickel Hydroxide Nanoplates with Enhanced Wettability and Conductivity for Use in High-Performance Supercapacitors. <i>ChemSusChem</i> , 2019, 12, 5291-5299. | 6.8 | 23 |
| 7 | Mn ²⁺ O Covalency Governs the Intrinsic Activity of Co-Mn Spinel Oxides for Boosted Peroxymonosulfate Activation. <i>Angewandte Chemie</i> , 2021, 133, 278-284. | 2.0 | 8 |
| 8 | Efficient pollutant degradation via non-radical dominated pathway by self-regenerative Ru(bpy) ₃ ²⁺ /peroxydisulfate under visible light. <i>Chemical Engineering Journal</i> , 2020, 400, 125993. | 12.7 | 7 |