

Zhengting Zhang

List of Publications by Year in descending order

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11
papers

281
citations

1162367
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docs citations

11
times ranked

266
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | A minireview on doped carbon dots for photocatalytic and electrocatalytic applications. <i>Nanoscale</i> , 2020, 12, 13899-13906. | 2.8 | 123 |
| 2 | Recent progress in engineering approach towards the design of PbO ₂ -based electrodes for the anodic oxidation of organic pollutants. <i>Journal of Water Process Engineering</i> , 2021, 42, 102173. | 2.6 | 31 |
| 3 | Electrochemical oxidation of hydroquinone using Eu-doped PbO ₂ electrodes: Electrode characterization, influencing factors and degradation pathways. <i>Journal of Electroanalytical Chemistry</i> , 2021, 895, 115493. | 1.9 | 27 |
| 4 | Binary TiO ₂ /RGO photocatalyst for enhanced degradation of phenol and its application in underground coal gasification wastewater treatment. <i>Optical Materials</i> , 2021, 120, 111482. | 1.7 | 26 |
| 5 | Engineering approach toward catalyst design for solar photocatalytic CO ₂ reduction: A critical review. <i>International Journal of Energy Research</i> , 2021, 45, 9895-9913. | 2.2 | 23 |
| 6 | Effect of Cu-based metal organic framework (Cu-MOF) loaded with TiO ₂ on the photocatalytic degradation of rhodamine B dye. <i>Environmental Science and Pollution Research</i> , 2021, 28, 15883-15889. | 2.7 | 18 |
| 7 | Magnetic graphene-based nanocomposites as highly efficient absorbents for Cr(VI) removal from wastewater. <i>Environmental Science and Pollution Research</i> , 2021, 28, 14671-14680. | 2.7 | 12 |
| 8 | Eu/GO/PbO ₂ composite based anode for highly efficient electrochemical oxidation of hydroquinone. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 642, 128632. | 2.3 | 10 |
| 9 | Recent Advances in Binary Colloidal Crystals for Photonics and Porous Material Fabrication. <i>Journal of Physical Chemistry B</i> , 2021, 125, 6012-6022. | 1.2 | 7 |
| 10 | Construction of N-Doped Carbon Dots/Macroporous TiO ₂ Composites (N-CDs/m-TiO ₂) with Dramatically Enhanced Photocatalytic Activity. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 11954-11963. | 1.8 | 3 |
| 11 | A Novel Technique for Large-Scale Fabrication of 3D Colloidal Crystals: Suspending Self-Assembly in Water Medium (SSAM). <i>Crystal Growth and Design</i> , 2021, 21, 4201-4206. | 1.4 | 1 |