

Mahmud Diab

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

348
citations

933447

10
h-index

794594

19
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21
all docs

21
docs citations

21
times ranked

661
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Synthesis and Photoelectrochemical Activity of $\text{In}_2\text{S}_3/\text{CdFe}_2\text{O}_4$ Hybrid Structure for the Water Oxidation Reaction. Israel Journal of Chemistry, 2023, 63, . | 2.3 | 0 |
| 2 | Formation of Copper Oxide Nanotextures on Porous Calcium Carbonate Templates for Water Treatment. Molecules, 2021, 26, 6067. | 3.8 | 2 |
| 3 | Calcareous Foraminiferal Shells as a Template for the Formation of Hierarchical Structures of Inorganic Nanomaterials. ACS Applied Materials & Interfaces, 2019, 11, 6456-6462. | 8.0 | 6 |
| 4 | A Surface Study of Ultrathin Ceria Nanoparticles Decorated with Transition Metal Ions. Particle and Particle Systems Characterization, 2019, 36, 1800452. | 2.3 | 3 |
| 5 | Novel easy to fabricate liquid crystal composite with potential for electrically or thermally controlled transparency windows. Optics Express, 2019, 27, 17387. | 3.4 | 22 |
| 6 | Design of Hierarchical 3D Metal Oxide Structures for Water Oxidation and Purification. Advanced Sustainable Systems, 2018, 2, 1800001. | 5.3 | 6 |
| 7 | Electrophoretic deposition of single-source precursors as a general approach for the formation of hybrid nanorod array heterostructures. Journal of Colloid and Interface Science, 2018, 515, 221-231. | 9.4 | 8 |
| 8 | Bioinspired Hierarchical Porous Structures for Engineering Advanced Functional Inorganic Materials. Advanced Materials, 2018, 30, e1706349. | 21.0 | 28 |
| 9 | Role of the Counteranions on the Formation of Different Crystal Structures of Iron Oxyhydroxides via Redox Reaction. Crystal Growth and Design, 2017, 17, 527-533. | 3.0 | 9 |
| 10 | Ternary hybrid nanostructures of $\text{Au}@\text{CdS}@\text{ZnO}$ grown via a solution-liquid-solid route using $\text{Au}@\text{ZnO}$ catalysts. Nanoscale, 2017, 9, 16138-16142. | 5.6 | 12 |
| 11 | Organic phase synthesis of noble metal-zinc chalcogenide core-shell nanostructures. Journal of Colloid and Interface Science, 2016, 480, 159-165. | 9.4 | 6 |
| 12 | Charge Transfer Dynamics in CdS and CdSe@CdS Based Hybrid Nanorods Tipped with Both PbS and Pt. Journal of Physical Chemistry C, 2016, 120, 15453-15459. | 3.1 | 13 |
| 13 | Highly luminescent $\text{CuGa}_x\text{In}_{1-x}\text{S}_y\text{Se}_{2-y}$ nanocrystals from organometallic single-source precursors. Journal of Materials Chemistry C, 2015, 3, 4657-4662. | 5.5 | 7 |
| 14 | Selective growth of metal particles on ZnO nanopyramids via a one-pot synthesis. Nanoscale, 2014, 6, 1335-1339. | 5.6 | 21 |
| 15 | Insight into the formation mechanism of PtCu alloy nanoparticles. CrystEngComm, 2014, 16, 9493-9500. | 2.6 | 5 |
| 16 | Thermal Decomposition Approach for the Formation of In_2S_3 Mesoporous Photoanodes and an $\text{In}_2\text{S}_3/\text{CoO}$ Hybrid Structure for Enhanced Water Oxidation. Inorganic Chemistry, 2014, 53, 2304-2309. | 4.0 | 30 |
| 17 | Coating and Enhanced Photocurrent of Vertically Aligned Zinc Oxide Nanowire Arrays with Metal Sulfide Materials. ACS Applied Materials & Interfaces, 2014, 6, 13594-13599. | 8.0 | 16 |
| 18 | Studying the chemical, optical and catalytic properties of noble metal (Pt, Pd, Ag,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (Au)â€C Materials Chemistry A, 2013, 1, 1763-1769. | 10.3 | 98 |

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|----|---|-----|-----------|
| 19 | A Simple Approach for the Formation of Oxides, Sulfides, and Oxide-Sulfide Hybrid Nanostructures. Israel Journal of Chemistry, 2012, 52, 1081-1089. | 2.3 | 10 |
| 20 | Selective growth of metal sulfide tips onto cadmium chalcogenide nanostructures. CrystEngComm, 2012, 14, 7590. | 2.6 | 17 |
| 21 | A facile one-step approach for the synthesis and assembly of copper and copper-oxide nanocrystals. Journal of Materials Chemistry, 2011, 21, 11626. | 6.7 | 29 |