

Abdullah M Alotaibi

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Enhanced Photocatalytic and Antibacterial Ability of Cu-Doped Anatase TiO ₂ Thin Films: Theory and Experiment. ACS Applied Materials & Interfaces, 2020, 12, 15348-15361. | 8.0 | 102 |
| 2 | Chemical Vapor Deposition of Photocatalytically Active Pure Brookite TiO ₂ Thin Films. Chemistry of Materials, 2018, 30, 1353-1361. | 6.7 | 79 |
| 3 | Photobactericidal activity activated by thiolated gold nanoclusters at low flux levels of white light. Nature Communications, 2020, 11, 1207. | 12.8 | 52 |
| 4 | Effects of precursor on the morphology and size of ZrO ₂ nanoparticles, synthesized by sol-gel method in non-aqueous medium. Materials Research, 2012, 15, 986-989. | 1.3 | 42 |
| 5 | Photocatalytic and electrically conductive transparent Cl-doped ZnO thin films <i>via</i> aerosol-assisted chemical vapour deposition. Journal of Materials Chemistry A, 2018, 6, 12682-12692. | 10.3 | 34 |
| 6 | Heterojunction Fe ₂ O ₃ /ZnO Films with Enhanced Photocatalytic Properties Grown by Aerosol-Assisted Chemical Vapour Deposition. Chemistry - A European Journal, 2019, 25, 11337-11345. | 3.3 | 28 |
| 7 | Zn and N Codoped TiO ₂ Thin Films: Photocatalytic and Bactericidal Activity. ACS Applied Materials & Interfaces, 2021, 13, 10480-10489. | 8.0 | 28 |
| 8 | Aerosol assisted chemical vapour deposition of a ZrO ₂ -TiO ₂ composite thin film with enhanced photocatalytic activity. RSC Advances, 2015, 5, 67944-67950. | 3.6 | 19 |
| 9 | Antibacterial properties of Cu-ZrO ₂ thin films prepared via aerosol assisted chemical vapour deposition. Journal of Materials Chemistry B, 2016, 4, 666-671. | 5.8 | 12 |
| 10 | Radiation-induced synthesis of ZrO ₂ nanoparticles by thermal decomposition of zirconium acetylacetonate. Radiation Effects and Defects in Solids, 2013, 168, 950-958. | 1.2 | 6 |
| 11 | Chemical effects induced by ⁶⁰ Co-irradiation in solid and in aqueous methanol solutions of 4-iodophenol. Radiation Effects and Defects in Solids, 2005, 160, 173-180. | 1.2 | 1 |
| 12 | Kinetic studies for the non-isothermal decomposition of un-irradiated and ⁶⁰ Co-irradiated ruthenium(III) acetylacetonate. Radiation Effects and Defects in Solids, 2009, 164, 266-275. | 1.2 | 1 |
| 13 | Kinetics of isothermal decomposition of un-irradiated and ⁶⁰ Co-irradiated zirconium acetylacetonate. Radiation Effects and Defects in Solids, 2012, 167, 342-351. | 1.2 | 0 |