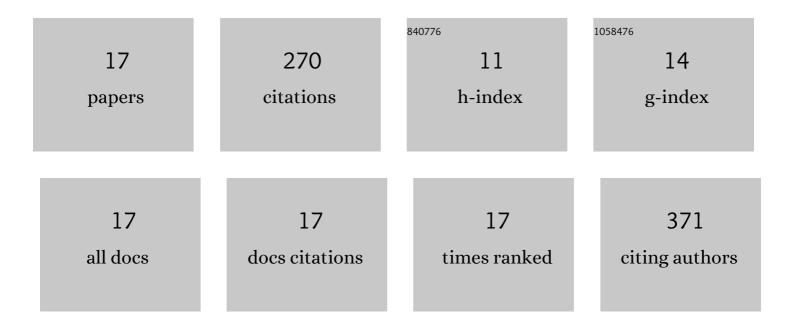
Dhandayuthapani Thiyagarajan

List of Publications by Year in descending order

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DHANDAYUTHAPANI

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Tuning the morphology of metastable MnS films by simple chemical bath deposition technique. Applied Surface Science, 2015, 353, 449-458. | 6.1 | 46 |
| 2 | High coloration efficiency, high reversibility and fast switching response of nebulized spray deposited anatase TiO2 thin films for electrochromic applications. Electrochimica Acta, 2017, 255, 358-368. | 5.2 | 39 |
| 3 | Analysis of optical dispersion parameters and electrochromic properties of manganese-doped Co3O4 dendrite structured thin films. Journal of Physics and Chemistry of Solids, 2018, 122, 118-129. | 4.0 | 34 |
| 4 | Growth of micro flower rutile TiO2 films by chemical bath deposition technique: Study on the properties of structural, surface morphological, vibrational, optical and compositional. Surfaces and Interfaces, 2016, 4, 59-68. | 3.0 | 24 |
| 5 | Efficient electrochromic performance of anatase TiO2 thin films prepared by nebulized spray deposition method. Journal of Solid State Electrochemistry, 2018, 22, 1825-1838. | 2.5 | 23 |
| 6 | Electrochromic performance of chromium-doped Co3O4 nanocrystalline thin films prepared by nebulizer spray technique. Journal of Alloys and Compounds, 2019, 784, 49-59. | 5.5 | 21 |
| 7 | MnS thin films prepared by a simple and novel nebulizer technique: report on the structural, optical, and dispersion energy parameters. Journal of Materials Science: Materials in Electronics, 2015, 26, 3670-3684. | 2.2 | 16 |
| 8 | Microstructure, optical and magnetic properties of micro-crystalline Î ³ -MnS film prepared by chemical bath deposition method. Materials Science in Semiconductor Processing, 2017, 72, 67-71. | 4.0 | 14 |
| 9 | Î ³ -MnS films with 3D microarchitectures: comprehensive study of the synthesis, microstructural, optical and magnetic properties. CrystEngComm, 2018, 20, 578-589. | 2.6 | 12 |
| 10 | Brown coloration and electrochromic properties of nickel doped TiO2 thin films deposited by nebulized spray pyrolysis technique. Thin Solid Films, 2020, 694, 137754. | 1.8 | 11 |
| 11 | WO3/TiO2 hierarchical nanostructures for electrochromic applications. Materials Science in Semiconductor Processing, 2021, 123, 105515. | 4.0 | 11 |
| 12 | Substrate temperature and molar ratio induced changes on the properties of nebulized spray deposited MnS films. Journal of Materials Science: Materials in Electronics, 2017, 28, 6741-6753. | 2.2 | 7 |
| 13 | Facile synthesis of blue anatase TiO2 films by solvent evaporation method. Journal of Materials Science: Materials in Electronics, 2017, 28, 15074-15080. | 2.2 | 6 |
| 14 | Eco-friendly nebulized spray deposition of bifunctional anatase TiO ₂ thin films exhibiting multicolor switching and efficient NH ₃ gas sensing at room temperature. Materials Research Express, 2019, 6, 065053. | 1.6 | 6 |
| 15 | Single step synthesis of rutile TiO2 nanoflower array film by chemical bath deposition method. AIP Conference Proceedings, 2016, , . | 0.4 | 0 |
| 16 | Low temperature phase selective deposition of MnS films. AIP Conference Proceedings, 2017, , . | 0.4 | 0 |
| 17 | Physical Properties of MnS Films Deposited by Nebulizer Technique. Asian Journal of Applied Sciences, 2014, 7, 729-736. | 0.4 | 0 |