

Dhandayuthapani Thiyagarajan

List of Publications by Year in descending order

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17
papers

270
citations

840776

11
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1058476

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docs citations

17
times ranked

371
citing authors

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