

Dhandayuthapani Thiyagarajan

List of Publications by Year in descending order

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17
papers

270
citations

840776

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1058476

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g-index

17
all docs

17
docs citations

17
times ranked

371
citing authors

#	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 TiO ₂ 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 Co ₃ O ₄ dendrite structured thin films. Journal of Physics and Chemistry of Solids, 2018, 122, 118-129.	4.0	34
4	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. Surfaces and Interfaces, 2016, 4, 59-68.	3.0	24
5	Efficient electrochromic performance of anatase TiO ₂ 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 Co ₃ O ₄ 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 β -MnS film prepared by chemical bath deposition method. Materials Science in Semiconductor Processing, 2017, 72, 67-71.	4.0	14
9	β -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 TiO ₂ thin films deposited by nebulized spray pyrolysis technique. Thin Solid Films, 2020, 694, 137754.	1.8	11
11	WO ₃ /TiO ₂ 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 TiO ₂ 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 TiO ₂ 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