

# Ramesh Deokate

## List of Publications by Year in descending order

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29  
papers

1,341  
citations

471509

17  
h-index

526287

27  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1568  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrodeposited bimetallic microporous MnCu oxide electrode as a highly stable electrocatalyst for oxygen evolution reaction. International Journal of Energy Research, 2022, 46, 5269-5279.	4.5	6
2	Energy storage potential of sprayed $\text{Ni-MoO}_3$ thin films. New Journal of Chemistry, 2021, 45, 582-589.	2.8	14
3	Chalcogenide nanocomposite electrodes grown by chemical etching of Ni foam as electrocatalyst for efficient oxygen evolution reaction. International Journal of Energy Research, 2020, 44, 1233-1243.	4.5	20
4	Effect of cobalt doping on electrochemical properties of sprayed nickel oxide thin films. Materials Science for Energy Technologies, 2020, 3, 830-839.	1.8	9
5	Co doping effect on structural and optical properties of nickel oxide (NiO) thin films via spray pyrolysis. Optical and Quantum Electronics, 2019, 51, 1.	3.3	28
6	Effect of Substrate Temperature on Properties of Nickel Oxide (NiO) Thin Films by Spray Pyrolysis. Journal of Electronic Materials, 2019, 48, 3220-3228.	2.2	27
7	Physical and optical properties of sprayed $\text{Cu}_2\text{ZnSnS}_4$ (CZTS) thin film: effect of Cu concentration. Journal of Materials Science: Materials in Electronics, 2019, 30, 3530-3538.	2.2	38
8	Overview of nanostructured metal oxides and pure nickel oxide (NiO) electrodes for supercapacitors: A review. Journal of Alloys and Compounds, 2018, 734, 89-111.	5.5	381
9	A review on energy economics and the recent research and development in energy and the $\text{Cu}_2\text{ZnSnS}_4$ (CZTS) solar cells: A focus towards efficiency. Solar Energy, 2018, 169, 616-633.	6.1	82
10	Chemical spray pyrolyzed kesterite $\text{Cu}_2\text{ZnSnS}_4$ (CZTS) thin films. AIP Conference Proceedings, 2018, , .	0.4	0
11	Hydrothermal synthesis of $\text{Ni}(\text{OH})_2$ and its supercapacitor properties. , 2018, , .		2
12	Effect of deposition temperature on the properties of $\text{Cu}_2\text{ZnSnS}_4$ (CZTS) thin films. Superlattices and Microstructures, 2017, 103, 335-342.	3.1	67
13	Structural and electrochemical properties of spray deposited molybdenum trioxide ( $\text{Ni-MoO}_3$ ) thin films. Journal of Solid State Electrochemistry, 2017, 21, 2737-2746.	2.5	48
14	Studies on nanosized molybdenum trioxide ( $\text{Ni-MoO}_3$ ) thin films. AIP Conference Proceedings, 2017, , .	0.4	2
15	Electrochemical properties of spray deposited nickel oxide (NiO) thin films for energy storage systems. Journal of Analytical and Applied Pyrolysis, 2017, 125, 289-295.	5.5	24
16	Simple Synthesis of $\text{NiCo}_2\text{O}_4$ thin films using Spray Pyrolysis for electrochemical supercapacitor application: A Novel approach. Electrochimica Acta, 2017, 224, 378-385.	5.2	68
17	Synthesis and characterization of nickel oxide (NiO) thin films. AIP Conference Proceedings, 2017, , .	0.4	2
18	Liquefied petroleum gas sensing properties of sprayed nanocrystalline Ga-doped CdO thin films. Sensors and Actuators B: Chemical, 2014, 193, 89-94.	7.8	18

#	ARTICLE	IF	CITATIONS
19	Temperature dependant physical properties of CdIn <sub>2</sub> O <sub>4</sub> thin films grown by spray pyrolysis. Superlattices and Microstructures, 2014, 76, 16-25.	3.1	4
20	Structural and Optical Properties of Spray-deposited Cu <sub>2</sub> ZnSnS <sub>4</sub> thin Films. Energy Procedia, 2014, 54, 627-633.	1.8	24
21	Properties of spray deposited Cu <sub>2</sub> ZnSnS <sub>4</sub> (CZTS) thin films. Journal of Analytical and Applied Pyrolysis, 2013, 100, 12-16.	5.5	93
22	Sprayed CdIn <sub>2</sub> O <sub>4</sub> thin films for liquefied petroleum gas (LPG) detection. Sensors and Actuators B: Chemical, 2011, 156, 954-960.	7.8	20
23	Studies on the effect of nozzle-to-substrate distance on the structural, electrical and optical properties of spray deposited CdIn <sub>2</sub> O <sub>4</sub> thin films. Applied Surface Science, 2010, 256, 3522-3530.	6.1	17
24	Structural, optical and electrical properties of chemically sprayed nanosized gallium doped CdO thin films. Journal of Alloys and Compounds, 2010, 496, 357-363.	5.5	65
25	PVA assisted growth of hydrophobic honeycomb network of CdS thin films. Journal of Alloys and Compounds, 2010, 503, 422-425.	5.5	8
26	Effect of calcining temperature on electrical and dielectric properties of cadmium stannate. Applied Surface Science, 2009, 255, 6675-6678.	6.1	50
27	Synthesis and characterization of CdIn <sub>2</sub> O <sub>4</sub> thin films by spray pyrolysis technique. Journal of Alloys and Compounds, 2009, 473, L20-L24.	5.5	17
28	Spray deposition of highly transparent fluorine doped cadmium oxide thin films. Applied Surface Science, 2008, 254, 2187-2195.	6.1	119
29	Gallium doping in transparent conductive ZnO thin films prepared by chemical spray pyrolysis. Journal Physics D: Applied Physics, 2008, 41, 135404.	2.8	88