

# Leo Rajesh

## List of Publications by Year in descending order

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16  
papers

183  
citations

1163117

8  
h-index

1058476

14  
g-index

16  
all docs

16  
docs citations

16  
times ranked

186  
citing authors

#	ARTICLE	IF	CITATIONS
1	The influence of deposition temperature in the photovoltaic properties of spray deposited CZTS thin films. <i>Solar Energy</i> , 2014, 106, 166-170.	6.1	48
2	Crystal growth and DFT insight on sodium para- nitrophenolate para- nitrophenol dihydrate single crystal for NLO applications. <i>Journal of Molecular Structure</i> , 2016, 1125, 1-11.	3.6	24
3	Synthesis and characterization of organic nonlinear optical material: urea para-nitrophenol. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 7509-7517.	2.2	20
4	Enhanced thermoelectric property of nanostructured CaMnO <sub>3</sub> by sol-gel hydrothermal method. <i>Physica B: Condensed Matter</i> , 2019, 575, 411707.	2.7	18
5	Effect of Zn/Sn molar ratio on the microstructural and optical properties of Cu <sub>2</sub> Zn <sub>1-x</sub> Sn <sub>x</sub> S <sub>4</sub> thin films prepared by spray pyrolysis technique. <i>Physica B: Condensed Matter</i> , 2018, 533, 22-27.	2.7	16
6	Synthesis, growth and characterization of L-Alanine Potassium Chloride single crystal: a phase-matchable semi-organic material for second and third order NLO applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 1051-1059.	2.2	10
7	Synthesis and characterization of semi-organic nonlinear optical material: Sodium para-nitrophenolate para-nitrophenol dihydrate. <i>Optik</i> , 2016, 127, 6982-6990.	2.9	8
8	Surfactant-mediated solvothermal synthesis of CuSbS <sub>2</sub> nanoparticles as p-type absorber material. <i>Indian Journal of Physics</i> , 2019, 93, 185-195.	1.8	8
9	Growth and characterization of L-Glycine thiourea nonlinear optical single crystal for optoelectronic applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 10893-10901.	2.2	7
10	Solution Processed p-Type Cu <sub>2</sub> ZnSnS <sub>4</sub> Thin Films for Absorber Layer. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2017, 27, 1556-1562.	3.7	5
11	Influence of trivalent lanthanides substitution on the thermoelectric properties of nanostructured Ca <sub>1-x</sub> Ln <sub>3x</sub> MnO <sub>3</sub> (Ln <sup>3+</sup> = Sm, Ce, La; x = 0, 0.1). <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 6479-6487.		5
12	Investigating the effect of solvents for the preparation of CuSbS <sub>2</sub> nanoparticles by solvothermal method. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	4
13	Spray pyrolysed Cu <sub>2</sub> ZnSnS <sub>4</sub> thin film photovoltaic cell fabricated using cost effective materials. <i>Physica B: Condensed Matter</i> , 2022, 637, 413911.	2.7	4
14	Determination of natural radioactivity and radiological hazards of sediment sands in Tiruchirappalli district, Tamil Nadu, India. <i>Chemical Data Collections</i> , 2016, 2, 1-9.	2.3	3
15	Electrical and thermoelectric properties of surfactant-assisted calcium cobalt oxide nanoparticles. <i>Journal of Materials Science: Materials in Electronics</i> , 0, , 1.	2.2	2
16	Solution enhancement for the liable preparation of Cu <sub>2</sub> ZnSnS <sub>4</sub> thin films. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 6113-6118.	2.2	1