

Leo Rajesh

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Spray pyrolysed Cu ₂ ZnSnS ₄ thin film photovoltaic cell fabricated using cost effective materials. Physica B: Condensed Matter, 2022, 637, 413911.	2.7	4
2	Influence of trivalent lanthanides substitution on the thermoelectric properties of nanostructured Ca _{1-x} Ln _{3x} MnO ₃ (Ln ³⁺ = Sm, Ce, La; x = 0, 0.1). Journal of Materials Science: Materials in Electronics, 2020, 31, 6479-6487.	2.0	5
3	Enhanced thermoelectric property of nanostructured CaMnO ₃ by sol-gel hydrothermal method. Physica B: Condensed Matter, 2019, 575, 411707.	2.7	18
4	Surfactant-mediated solvothermal synthesis of CuSbS ₂ nanoparticles as p-type absorber material. Indian Journal of Physics, 2019, 93, 185-195.	1.8	8
5	Solution enhancement for the liable preparation of Cu ₂ ZnSnS ₄ thin films. Journal of Materials Science: Materials in Electronics, 2018, 29, 6113-6118.	2.2	1
6	Effect of Zn/Sn molar ratio on the microstructural and optical properties of Cu ₂ Zn _{1-x} Sn _x S ₄ thin films prepared by spray pyrolysis technique. Physica B: Condensed Matter, 2018, 533, 22-27.	2.7	16
7	Investigating the effect of solvents for the preparation of CuSbS ₂ nanoparticles by solvothermal method. AIP Conference Proceedings, 2017, , .	0.4	4
8	Growth and characterization of L-Glycine thiourea nonlinear optical single crystal for optoelectronic applications. Journal of Materials Science: Materials in Electronics, 2017, 28, 10893-10901.	2.2	7
9	Solution Processed p-Type Cu ₂ ZnSnS ₄ Thin Films for Absorber Layer. Journal of Inorganic and Organometallic Polymers and Materials, 2017, 27, 1556-1562.	3.7	5
10	Synthesis, growth and characterization of L-Alanine Potassium Chloride single crystal: a phase-matchable semi-organic material for second and third order NLO applications. Journal of Materials Science: Materials in Electronics, 2017, 28, 1051-1059.	2.2	10
11	Synthesis and characterization of organic nonlinear optical material: urea para-nitrophenol. Journal of Materials Science: Materials in Electronics, 2016, 27, 7509-7517.	2.2	20
12	Determination of natural radioactivity and radiological hazards of sediment sands in Tiruchirappalli district, Tamil Nadu, India. Chemical Data Collections, 2016, 2, 1-9.	2.3	3
13	Synthesis and characterization of semi-organic nonlinear optical material: Sodium para-nitrophenolate para-nitrophenol dihydrate. Optik, 2016, 127, 6982-6990.	2.9	8
14	Crystal growth and DFT insight on sodium para- nitrophenolate para- nitrophenol dihydrate single crystal for NLO applications. Journal of Molecular Structure, 2016, 1125, 1-11.	3.6	24
15	The influence of deposition temperature in the photovoltaic properties of spray deposited CZTS thin films. Solar Energy, 2014, 106, 166-170.	6.1	48
16	Electrical and thermoelectric properties of surfactant-assisted calcium cobalt oxide nanoparticles. Journal of Materials Science: Materials in Electronics, 0, , 1.	2.2	2