

# Tamilselvan S

## List of Publications by Year in descending order

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12  
papers

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1163117  
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times ranked

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#	ARTICLE	IF	CITATIONS
1	A perspective approach towards appreciable size and cost-effective solar cell fabrication by synthesizing ZnO nanoparticles from Azadirachta indica leaves extract using domestic microwave oven. Journal of Materials Science: Materials in Electronics, 2020, 31, 4301-4309.	2.2	42
2	Biofriendly and competent domestic microwave assisted method for the synthesis of ZnO nanoparticles from the extract of Azadirachta indica leaves. Materials Today: Proceedings, 2020, 33, 3160-3163.	1.8	27
3	Growth and characterization of amino based organic nonlinear optical L-Lysine-L-Aspartate (LLA) single crystal for electro-optic applications. Journal of Materials Science: Materials in Electronics, 2016, 27, 5006-5015.	2.2	24
4	Synthesis, growth and characterization of 2,5 -dimethyl-N-(3-phenylprop-2-en-1-ylidene) aniline (2,5) Tj ETQq0 0 0 rgBT /Overlock 10 applications. Optik, 2021, 226, 165947.	2.9	24
5	Dielectric and magnetic properties of Allium cepa and Raphanus sativus extracts biogenic ZnO nanoparticles. Journal of Materials Science: Materials in Electronics, 2021, 32, 590-603.	2.2	20
6	Structural and optical properties of Eu <sup>3+</sup> doped Sr <sub>3</sub> Gd[PO <sub>4</sub> ] <sub>3</sub> phosphor white-LED application. Materials Letters, 2022, 309, 131371.	2.6	18
7	A study on the L-lysine-iodic acid: semi organic non linear optical single crystals for electro-optic applications. Journal of Materials Science: Materials in Electronics, 2017, 28, 5154-5164.	2.2	11
8	Domestic microwave supported green synthesis of ZnO nanoparticles for electronic, mechano, rheological and frequency intensifying applications. Journal of Materials Science: Materials in Electronics, 2022, 33, 14144-14158.	2.2	10
9	Synthesis, crystal structure, spectroscopic and docking studies of mononuclear, for Î±-glucosidase inhibition. Chemical Data Collections, 2018, 17-18, 187-195.	2.3	4
10	Synthesis, crystal growth, optical, thermal, mechanical and dielectric properties of nonlinear optical (NLO) material. Journal of Materials Science: Materials in Electronics, 2019, 30, 17504-17513.	2.2	3
11	Structural and Optical Properties of Dy <sup>3+</sup> Doped with an Eulytite Type NaBaBi <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> Phosphor for White Light Emitting Diodes. Asian Journal of Chemistry, 2022, 34, 1869-1874.	0.3	1
12	Synthesis, crystal growth, spectroscopic characterization and DFT studies of 4-(E)-1-(4-chlorophenyl)-3-(4-nitrophenyl)prop-2-en-1-one (CPNP) single crystal as a nonlinear optical (NLO) material. Chemical Data Collections, 2020, 29, 100528.	2.3	0