

# Tejaswi Ashok Hegde

## List of Publications by Year in descending order

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14  
papers

168  
citations

1163117  
8  
h-index

1125743  
13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

101  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intensity tunable optical limiting behaviour of an organic material 2-aminopyridinium succinate succinic acid single crystal. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 167-176.	2.2	5
2	Computation and experimental results on spectroscopic and physicochemical properties of efficient piperidine driven passive optical limiting material. <i>Physica Scripta</i> , 2022, 97, 035804.	2.5	0
3	Synthesis, crystal structure and solid-state properties of 4-(3-nitrophenylamino)-4-methylpentan-2-one picrate (3NAP): An efficient cocrystal for $\lambda$ (3) optics. <i>Journal of Molecular Structure</i> , 2021, 1225, 129098.	3.6	8
4	Investigation on nonlinear optical and antibacterial properties of organic single crystal: p-Toluidinium L-Tartrate. <i>Chemical Data Collections</i> , 2021, 31, 100640.	2.3	10
5	Structural, thermal, dielectric, nonlinear optical properties and DFT investigations of a novel material 2-(6-chloropyridin-3-yl)-N'-(2,3-dihydro-1,4-benzodioxin-6-ylmethylidene)acetohydrazide for optoelectronic applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 14677-14702.	2.2	12
6	Crystal structure and physicochemical properties of a new optofunctional metal-organic cocrystal delivering intermolecular charge-transfer-enhanced nonlinear optical and optical limiting properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 18669-18688.	2.2	5
7	Chloridocobaltate(II) metal-organic cocrystal delivering intermolecular-charge transfer-enhanced passive optical limiting: A comprehensive study on structure-property relation. <i>European Physical Journal D</i> , 2021, 75, 1.	1.3	4
8	Investigations on solid-state parameters of third-order nonlinear optical $\text{Ni}^{1-x}\text{Zn}_x\text{Fe}_2\text{O}_4$ nanoparticles synthesized by microwave-assisted combustion method. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	2.3	26
9	Physicochemical properties of cesium tetroxalate dihydrate single crystal: An efficient material for nonlinear optical applications. <i>Optical Materials</i> , 2020, 107, 110033.	3.6	14
10	Synthesis, growth, crystal structure, thermal, linear and nonlinear optical analysis of new extended $\pi$ -conjugated organic material based on methyl pyridinium compound of 4-(4-(4-(dimethylamino)) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 Structure, 2019, 1196, 699-706.	3.6	13
11	Intensity tunable optical limiting behavior of an organometallic cesium hydrogen tartrate single crystal. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 18885-18896.	2.2	33
12	Crystal structure, spectroscopic, thermal, mechanical, linear optical, second order and third order nonlinear optical properties of semiorganic crystal: l-threoninium phosphate (LTP). <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 9003-9014.	2.2	17
13	$\chi^{(3)}$ measurement and optical limiting behaviour of novel semi-organic cadmium mercury thiocyanate crystal by Z-scan technique. <i>Applied Physics A: Materials Science and Processing</i> , 2018, 124, 1.	2.3	13
14	Unbreakable PT symmetry of exact solitons in inhomogeneous nonlinear optical media. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2016, 33, 35.	2.1	8