

# T Narendrudu

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

338  
citations

759233

12  
h-index

839539

18  
g-index

21  
all docs

21  
docs citations

21  
times ranked

296  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of luminescence and laser transition of Dy <sup>3+</sup> ion in P <sub>2</sub> O <sub>5</sub> -PbO-Bi <sub>2</sub> O <sub>3</sub> -R <sub>2</sub> O <sub>3</sub> (R=Al, Ga, In) ternary glasses. Journal of Luminescence, 2017, 183, 17-25.	3.6	37
2	Spectroscopic and structural properties of Cr <sup>3+</sup> ions in lead niobium germanosilicate glasses. Journal of Luminescence, 2017, 183, 17-25.	3.1	37
3	Structural investigation of vanadium ions doped Li <sub>2</sub> O-PbO-B <sub>2</sub> O <sub>3</sub> -P <sub>2</sub> O <sub>5</sub> glasses by means of spectroscopic and dielectric studies. Journal of Molecular Structure, 2014, 1076, 136-146.	3.6	31
4	Physical and spectroscopic properties of multi-component Na <sub>2</sub> O-PbO-Bi <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> glass ceramics with Cr <sub>2</sub> O <sub>3</sub> as nucleating agent. Optical Materials, 2015, 47, 315-322.	3.6	28
5	Role of nickel ion coordination on spectroscopic properties of multi-component CaF <sub>2</sub> -Bi <sub>2</sub> O <sub>3</sub> -P <sub>2</sub> O <sub>5</sub> -B <sub>2</sub> O <sub>3</sub> glass-ceramics. Optical Materials, 2016, 60, 67-73.	3.6	27
6	Physical and spectroscopic features of cobalt ions in multi-component CaF <sub>2</sub> -ZnO-Bi <sub>2</sub> O <sub>3</sub> -P <sub>2</sub> O <sub>5</sub> glass ceramics. Journal of Alloys and Compounds, 2017, 699, 392-400.	5.5	24
7	Characterization, optical and luminescence features of cobalt ions in multi-component PbO-Al <sub>2</sub> O <sub>3</sub> -TeO <sub>2</sub> -GeO <sub>2</sub> -SiO <sub>2</sub> glass ceramics. Optical Materials, 2019, 88, 289-298.	3.6	21
8	Role of titanium ions on the physical and structural properties of calcium zinc bismuth phosphate glass ceramics. Journal of Non-Crystalline Solids, 2016, 434, 62-70.	3.1	20
9	Spectroscopic and dielectric response of zinc bismuth phosphate glasses as a function of chromium content. Materials Research Bulletin, 2014, 57, 58-66.	5.2	19
10	Influence of valence state of copper ions on structural and spectroscopic properties of multi-component PbO-Al <sub>2</sub> O <sub>3</sub> -TeO <sub>2</sub> -GeO <sub>2</sub> -SiO <sub>2</sub> glass ceramic system- a possible material for memory switching devices. Optical Materials, 2017, 73, 7-15.	3.6	19
11	Influence of local structural disorders on spectroscopic properties of multi-component CaF <sub>2</sub> -Bi <sub>2</sub> O <sub>3</sub> -P <sub>2</sub> O <sub>5</sub> -B <sub>2</sub> O <sub>3</sub> glass ceramics with Cr <sub>2</sub> O <sub>3</sub> as nucleating agent. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 153, 281-288.	3.9	18
12	Structural investigations of lead germanosilicate glasses doped with Nb <sub>2</sub> O <sub>5</sub> by means of spectroscopic and dielectric studies. Journal of Molecular Structure, 2015, 1098, 181-190.	3.6	14
13	Spectroscopic and dielectric investigations on the role of molybdenum ions in lead niobium germanosilicate glasses. Journal of Non-Crystalline Solids, 2016, 442, 44-55.	3.1	12
14	Spectroscopic features of copper ions in multi-component Na <sub>2</sub> O-PbO-Bi <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> glass ceramics. Journal of Molecular Structure, 2016, 1125, 624-632.	3.6	12
15	Optical absorption and luminescence properties of Pr <sup>3+</sup> ions doped P <sub>2</sub> O <sub>5</sub> -PbO-Bi <sub>2</sub> O <sub>3</sub> -R <sub>2</sub> O <sub>3</sub> (R = Al, Ga, In) glasses. Journal of Non-Crystalline Solids, 2017, 471, 476-482.	3.1	9
16	Influence of Bi <sup>3+</sup> ions on optical and luminescence properties of multi-component P <sub>2</sub> O <sub>5</sub> -PbO-Ga <sub>2</sub> O <sub>3</sub> -Pr <sub>2</sub> O <sub>3</sub> glass system. Optical Materials, 2018, 77, 178-186.	3.6	7
17	Assessment of the structural state of vanadium ions in calcium bismuth borophosphate glass-ceramics by means of spectroscopic investigations. Journal of Commonwealth Law and Legal Education, 2017, 58, 49-58.	0.5	2
18	Role of valence state of vanadium ions on structural and spectroscopic properties of sodium lead bismuth silicate glass ceramics. AIP Conference Proceedings, 2018, . .	0.4	1

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19	Characterization and spectroscopic studies of multi-component calcium zinc bismuth phosphate glass ceramics doped with iron ions. AIP Conference Proceedings, 2018, , .	0.4	0
20	Structural and spectroscopic investigations of multi-component $P_2O_5$ - $PbO$ - $Ga_2O_3$ - $Dy_2O_3$ - $Bi_2O_3$ glass system: An insight to the energy transfer between $Bi^{3+}$ and $Dy^{3+}$ ions. AIP Conference Proceedings, 2019, , .	0.4	0
21	Influence of valence state of vanadium ions on structural and spectroscopic features of multi-component $PbO$ - $Al_2O_3$ - $TeO_2$ - $GeO_2$ - $SiO_2$ glass ceramics. AIP Conference Proceedings, 2019, , .	0.4	0