Dr. Suresh Saganti

List of Publications by Year
in descending order

18	291	840776 11	996975 15
papers	citations	h-index	g-index

18	18	18	264
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Investigation of luminescence and laser transition of Dy 3+ ion in P 2 O 5 PbO Bi 2 O 3 R 2 O 3 (RÂ=ÂAl, Ga,) Tj ETQq1 1 0.784314 rgBT	3.6	37
2	Spectroscopic and structural properties of Cr 3+ ions in lead niobium germanosilicate glasses. Journal of Luminescence, 2017, 183, 17-25.	3.1	37
3	Structural investigation of vanadium ions doped Li2OPbOB2O3P2O5 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 Na2Oâ€“PbOâ€“Bi2O3â€“SiO2 glass ceramics with Cr2O3 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 2 â€“Bi 2 O 3 â€“P 2 O 5 â€“B 2 O 3 glass-ceramics. Optical Materials, 2016, 60, 67-73.	3.6	27
6	Physical and spectroscopic features of cobalt ions in multi-component CaF2â€“ZnOâ€“Bi2O3â€“P2O5 glass ceramics. Journal of Alloys and Compounds, 2017, 699, 392-400.	5.5	24
7	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
8	Influence of valence state of copper ions on structural and spectroscopic properties of multi-component PbOâ€“Al2O3â€“TeO2â€“GeO2â€“SiO2 glass ceramic system- a possible material for memory switching devices. Optical Materials, 2017, 73, 7-15.	3.6	19
9	Influence of local structural disorders on spectroscopic properties of multi-component CaF2â€“Bi2O3â€“P2O5â€“B2O3 glass ceramics with Cr2O3 as nucleating agent. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 153, 281-288.	3.9	18
10	Structural investigations of lead germanosilicate glasses doped with Nb2O5 by means of spectroscopic and dielectric studies. Journal of Molecular Structure, 2015, 1098, 181-190.	3.6	14
11	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
12	Spectroscopic features of copper ions in multi-component Na 2 O PbO Bi 2 O 3 SiO 2 glass ceramics. Journal of Molecular Structure, 2016, 1125, 624-632.	3.6	12
13	Optical absorption and luminescence properties of Pr3+ ions doped P2O5-PbO-Bi2O3-R2O3 (R = Al, Ga, In) glasses. Journal of Non-Crystalline Solids, 2017, 471, 476-482.	3.1	9
14	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
15	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
16	Characterization and spectroscopic studies of multi-component calcium zinc bismuth phosphate glass ceramics doped with iron ions. AIP Conference Proceedings, 2018, , .	0.4	0
17	Structural and spectroscopic investigations of multiâ€“component P2O5â”€PbO â”€Ga2O3â”€Dy2O3â”€Bi2O3 glass system: An insight to the energy transfer between Bi3+ and Dy3+ ions. AIP Conference Proceedings, 2019, , .	0.4	0
18	Influence of valence state of vanadium ions on structural and spectroscopic features of multi-component PbOâ€“Al2O3â€“TeO2â€“GeO2Ââ€“SiO2 glass ceramics. AIP Conference Proceedings, 2019, , .	0.4	0