

Dr. Suresh Saganti

List of Publications by Year in descending order

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18
papers

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264
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | Characterization and spectroscopic studies of multi-component calcium zinc bismuth phosphate glass ceramics doped with iron ions. AIP Conference Proceedings, 2018, . | 0.4 | 0 |
| 4 | 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 |
| 5 | Investigation of luminescence and laser transition of Dy^{3+} ion in P_2O_5 - PbO - Bi_2O_3 - R_2O_3 ($R=Al, Ga$) Tj ETQq1 1 0.784314 rgBT | 3.6 | 37 |
| 6 | 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 |
| 7 | Physical and spectroscopic features of cobalt ions in multi-component CaF_2 - ZnO - Bi_2O_3 - P_2O_5 glass ceramics. Journal of Alloys and Compounds, 2017, 699, 392-400. | 5.5 | 24 |
| 8 | Optical absorption and luminescence properties of Pr^{3+} ions doped P_2O_5 - PbO - Bi_2O_3 - R_2O_3 ($R = Al, Ga, In$) glasses. Journal of Non-Crystalline Solids, 2017, 471, 476-482. | 3.1 | 9 |
| 9 | Influence of valence state of copper ions on structural and spectroscopic properties of multi-component PbO - Al_2O_3 - TeO_2 - GeO_2 - SiO_2 glass ceramic system- a possible material for memory switching devices. Optical Materials, 2017, 73, 7-15. | 3.6 | 19 |
| 10 | Spectroscopic and structural properties of Cr^{3+} ions in lead niobium germanosilicate glasses. Journal of Luminescence, 2017, 183, 17-25. | 3.1 | 37 |
| 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 | Role of nickel ion coordination on spectroscopic properties of multi-component CaF_2 - Bi_2O_3 - P_2O_5 - B_2O_3 glass-ceramics. Optical Materials, 2016, 60, 67-73. | 3.6 | 27 |
| 13 | Spectroscopic features of copper ions in multi-component Na_2O - PbO - Bi_2O_3 - SiO_2 glass ceramics. Journal of Molecular Structure, 2016, 1125, 624-632. | 3.6 | 12 |
| 14 | 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 |
| 15 | Influence of local structural disorders on spectroscopic properties of multi-component CaF_2 - Bi_2O_3 - P_2O_5 - B_2O_3 glass ceramics with Cr_2O_3 as nucleating agent. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 153, 281-288. | 3.9 | 18 |
| 16 | Structural investigations of lead germanosilicate glasses doped with Nb_2O_5 by means of spectroscopic and dielectric studies. Journal of Molecular Structure, 2015, 1098, 181-190. | 3.6 | 14 |
| 17 | Physical and spectroscopic properties of multi-component Na_2O - PbO - Bi_2O_3 - SiO_2 glass ceramics with Cr_2O_3 as nucleating agent. Optical Materials, 2015, 47, 315-322. | 3.6 | 28 |
| 18 | Structural investigation of vanadium ions doped $Li_2OPbOB_2O_3P_2O_5$ glasses by means of spectroscopic and dielectric studies. Journal of Molecular Structure, 2014, 1076, 136-146. | 3.6 | 31 |