# Nayab Rasool Shaik

List of Publications by Year
in descending order



| 19 | 642 | 687363 13 | 794594 19 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 19 | 19 | 19 | 484 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Optical and luminescence properties of Dy3+ ions in phosphate based glasses. Solid State Sciences, 2013, 22, 82-90. | 3.2 | 83 |
| 2 | Optical properties of Sm3+ ions in zinc potassium fluorophosphate glasses. Optical Materials, 2013, 36, 242-250. | 3.6 | 75 |
| 3 | Spectroscopic Investigation of Sm3+ doped phosphate based glasses for reddish-orange emission. Optics Communications, 2013, 311, 156-162. | 2.1 | 67 |
| 4 | Spectroscopic and dielectric studies of Sm3+ ions in lithium zinc borate glasses. Journal of Non-Crystalline Solids, 2013, 376, 106-116. | 3.1 | 65 |
| 5 | Optical and luminescence properties of Eu<SUP>3+</SUP>-doped phosphate based glasses. Materials Express, 2013, 3, 231-240. | 0.5 | 61 |
| 6 | Spectroscopic and visible luminescence properties of rare earth ions in lead fluoroborate glasses. Journal of Luminescence, 2015, 159, 110-118. | 3.1 | 55 |
| 7 | Optical spectroscopy, 1.06 Î¼m emission properties of Nd 3+ -doped phosphate based glasses. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 180, 193-197. | 3.9 | 50 |
| 8 | Spectroscopic properties of Er3+-doped phosphate based glasses for broadband 1.54ÂÎ¼m emission. Journal of Molecular Structure, 2017, 1130, 837-843. | 3.6 | 38 |
| 9 | Investigation of spectroscopic properties of Sm3+-doped oxyfluorophosphate glasses for laser and display applications. Materials Research Bulletin, 2019, 110, 223-229. | 5.2 | 27 |
| 10 | Raman and photoluminescence studies of europium doped zinc-fluorophosphate glasses for photonic applications. Journal of Non-Crystalline Solids, 2019, 505, 115-121. | 3.1 | 24 |
| 11 | Fluorescence properties of Sm3+ ions in yttrium aluminum borate phosphors for optical applications. Journal of Molecular Structure, 2015, 1097, 161-165. | 3.6 | 18 |
| 12 | UV excited SrAl2O4:Tb3+ nanophosphors for photonic applications. Materials Science in Semiconductor Processing, 2020, 105, 104722. | 4.0 | 16 |
| 13 | Structural, vibrational and dielectric studies of Sm3+-doped Kâ€“Mgâ€“Al zincfluorophosphate glasses. Physica B: Condensed Matter, 2013, 431, 69-74. | 2.7 | 13 |
| 14 | Investigations on spectroscopic properties of Er3+-doped Liâ€“Zn fluoroborate glass. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 148, 43-48. | 3.9 | 12 |
| 15 | Sm3+-doped fluorophosphate glass: Formation of Ag nanoparticles via Ag+/K+ ion exchange and their effects on optical and dielectric properties. Optical Materials, 2015, 39, 167-172. | 3.6 | 12 |
| 16 | Erbium(III) ionâ€doped borateâ€based glasses for 1.53â€‰Î¼m broad band applications. Luminescence, 2022, 37, 784-790. | 2.9 | 8 |
| 17 | Influence of lead and cadmium fluoride variation on white light emission characteristics in oxyfluoride glasses and glassâ€“ceramics. Journal of Luminescence, 2015, 159, 38-46. | 3.1 | 7 |
| 18 | Luminescence properties of GdAl3(BO3)4: Dy3+ phosphors for white-LEDs. Materials Today: Proceedings, 2016, 3, 4019-4022. | 1.8 | 6 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Development of neodymium (III) ions doped sodium fluoro-borate glass composite materials and study of the laser emission. Optik, 2022, 255, 168700. | 2.9 | 5 |