

# Nayab Rasool Shaik

## List of Publications by Year in descending order

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19  
papers

642  
citations

687363

13  
h-index

794594

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

484  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of neodymium (III) ions doped sodium fluoro-borate glass composite materials and study of the laser emission. <i>Optik</i> , 2022, 255, 168700.	2.9	5
2	Erbium(III) ion doped borate based glasses for 1.53 $\mu\text{m}$ broad band applications. <i>Luminescence</i> , 2022, 37, 784-790.	2.9	8
3	UV excited SrAl <sub>2</sub> O <sub>4</sub> :Tb <sup>3+</sup> nanophosphors for photonic applications. <i>Materials Science in Semiconductor Processing</i> , 2020, 105, 104722.	4.0	16
4	Raman and photoluminescence studies of europium doped zinc-fluorophosphate glasses for photonic applications. <i>Journal of Non-Crystalline Solids</i> , 2019, 505, 115-121.	3.1	24
5	Investigation of spectroscopic properties of Sm <sup>3+</sup> -doped oxyfluorophosphate glasses for laser and display applications. <i>Materials Research Bulletin</i> , 2019, 110, 223-229.	5.2	27
6	Optical spectroscopy, 1.06 $\mu\text{m}$ emission properties of Nd <sup>3+</sup> -doped phosphate based glasses. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 180, 193-197.	3.9	50
7	Spectroscopic properties of Er <sup>3+</sup> -doped phosphate based glasses for broadband 1.54 $\mu\text{m}$ emission. <i>Journal of Molecular Structure</i> , 2017, 1130, 837-843.	3.6	38
8	Luminescence properties of GdAl <sub>3</sub> (BO <sub>3</sub> ) <sub>4</sub> : Dy <sup>3+</sup> phosphors for white-LEDs. <i>Materials Today: Proceedings</i> , 2016, 3, 4019-4022.	1.8	6
9	Fluorescence properties of Sm <sup>3+</sup> ions in yttrium aluminum borate phosphors for optical applications. <i>Journal of Molecular Structure</i> , 2015, 1097, 161-165.	3.6	18
10	Investigations on spectroscopic properties of Er <sup>3+</sup> -doped Li-Zn fluoroborate glass. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 148, 43-48.	3.9	12
11	Sm <sup>3+</sup> -doped fluorophosphate glass: Formation of Ag nanoparticles via Ag <sup>+</sup> /K <sup>+</sup> ion exchange and their effects on optical and dielectric properties. <i>Optical Materials</i> , 2015, 39, 167-172.	3.6	12
12	Influence of lead and cadmium fluoride variation on white light emission characteristics in oxyfluoride glasses and glass-ceramics. <i>Journal of Luminescence</i> , 2015, 159, 38-46.	3.1	7
13	Spectroscopic and visible luminescence properties of rare earth ions in lead fluoroborate glasses. <i>Journal of Luminescence</i> , 2015, 159, 110-118.	3.1	55
14	Optical and luminescence properties of Dy <sup>3+</sup> ions in phosphate based glasses. <i>Solid State Sciences</i> , 2013, 22, 82-90.	3.2	83
15	Structural, vibrational and dielectric studies of Sm <sup>3+</sup> -doped K-Mg-Al zincfluorophosphate glasses. <i>Physica B: Condensed Matter</i> , 2013, 431, 69-74.	2.7	13
16	Optical properties of Sm <sup>3+</sup> ions in zinc potassium fluorophosphate glasses. <i>Optical Materials</i> , 2013, 36, 242-250.	3.6	75
17	Spectroscopic Investigation of Sm <sup>3+</sup> doped phosphate based glasses for reddish-orange emission. <i>Optics Communications</i> , 2013, 311, 156-162.	2.1	67
18	Spectroscopic and dielectric studies of Sm <sup>3+</sup> ions in lithium zinc borate glasses. <i>Journal of Non-Crystalline Solids</i> , 2013, 376, 106-116.	3.1	65

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19	Optical and luminescence properties of Eu <sup>3+</sup> -doped phosphate based glasses. Materials Express, 2013, 3, 231-240.	0.5	61