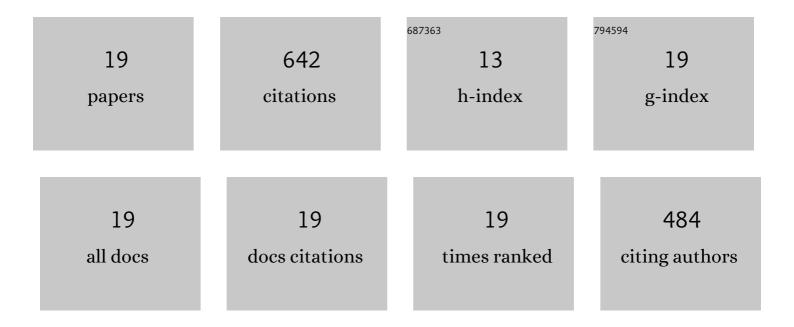
## Nayab Rasool Shaik

List of Publications by Year in descending order

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#	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 μm 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 1.54Âμm 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 K–Mg–Al zincfluorophosphate glasses. Physica B: Condensed Matter, 2013, 431, 69-74.	2.7	13
14	Investigations on spectroscopic properties of Er3+-doped Li–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 1.53 μm broad band applications. Luminescence, 2022, 784-790.	37 <sub>2.9</sub>	8
17	Influence of lead and cadmium fluoride variation on white light emission characteristics in oxyfluoride glasses and glass–ceramics. Journal of Luminescence, 2015, 159, 38-46.	3.1	7
18	Luminescence properties of CdAl3(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