

P Abdul Azeem

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

625
citations

759233

12
h-index

713466

21
g-index

22
all docs

22
docs citations

22
times ranked

605
citing authors

#	ARTICLE	IF	CITATIONS
1	Electronic polarizability and optical basicity properties of oxide glasses through average electronegativity. <i>Journal of Non-Crystalline Solids</i> , 2001, 286, 169-180.	3.1	104
2	Review on calcium silicate based bioceramics in bone tissue engineering. <i>International Journal of Applied Ceramic Technology</i> , 2020, 17, 2450-2464.	2.1	89
3	Absorption and emission properties of Eu ³⁺ ions in Sodium fluoroborate glasses. <i>Physica B: Condensed Matter</i> , 2007, 394, 62-68.	2.7	71
4	Absorption and emission spectral studies of Sm ³⁺ and Dy ³⁺ doped alkali fluoroborate glasses. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2003, 77, 149-163.	2.3	67
5	Optical electronegativity, bulk modulus and electronic polarizability of materials. <i>Optical Materials</i> , 2000, 14, 355-358.	3.6	54
6	Dependence of Physical Parameters of Compound Semiconductors on Refractive Index. <i>Defence Science Journal</i> , 2003, 53, 239-248.	0.8	38
7	Structural and luminescent features of cerium doped CaZrO ₃ blue nanophosphors. <i>Journal of Alloys and Compounds</i> , 2017, 705, 618-623.	5.5	34
8	Potential energy curves, dissociation energies and Franck-Condon factors of NI and Scl molecules. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2002, 74, 125-131.	2.3	27
9	Spectroscopic investigations on Tb ³⁺ doped lead fluoroborate glasses. <i>Optics Communications</i> , 2012, 285, 3787-3791.	2.1	24
10	Correlation between optical basicity, electronegativity and electronic polarizability for some oxides and oxyalts. <i>Optical Materials</i> , 1999, 12, 425-428.	3.6	21
11	Seasonal heterogeneity in ozone and its precursors (NO _x) by in-situ and model observations on semi-arid station in Anantapur (A.P), South India. <i>Atmospheric Environment</i> , 2014, 84, 294-306.	4.1	19
12	In vitro evaluation of niobia added soda lime borosilicate bioactive glasses. <i>Journal of Alloys and Compounds</i> , 2018, 764, 1072-1078.	5.5	14
13	Optical and magnetic susceptibilities for semiconductors and alkali halides. <i>Journal of Magnetism and Magnetic Materials</i> , 1999, 192, 516-522.	2.3	10
14	On the equivalence between Clausius-Mossotti and optical electronegativity relations. <i>Optical Materials</i> , 2003, 22, 7-11.	3.6	10
15	Structural and luminescent studies of erbium doped CaZrO ₃ green emitting nanophosphors. <i>Luminescence</i> , 2017, 32, 1246-1251.	2.9	9
16	Spectral properties of Eu ³⁺ :B ₂ O ₃ -AlF ₃ RF glasses. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2002, 75, 507-516.	2.3	8
17	A novel orange-red Sm ³⁺ -doped CaSiO ₃ nanostructured phosphor derived from agro food waste materials for white light applications. <i>Ceramics International</i> , 2021, 47, 26704-26711.	4.8	7
18	Sol-gel synthesis of soda lime silica-based bioceramics using biomass as renewable sources. <i>Journal of the Korean Ceramic Society</i> , 2022, 59, 76-85.	2.3	7

#	ARTICLE	IF	CITATIONS
19	Zirconia-containing wollastonite ceramics derived from biowaste resources for bone tissue engineering. <i>Biomedical Materials (Bristol)</i> , 2020, 15, 055025.	3.3	6
20	Temperature optimization of CaZrO ₃ nanophosphors by structural and photoluminescence studies. <i>Materials Today: Proceedings</i> , 2016, 3, 3901-3907.	1.8	4
21	Investigation of lanthanum-sensitized CaZrO ₃ blue nanophosphors for white light-emitting diode applications. <i>Luminescence</i> , 2021, 36, 481-488.	2.9	1
22	Facile Green Synthesis for the Formation of β -wollastonite from Agro-food-waste Materials. <i>Silicon</i> , 2022, 14, 12147-12154.	3.3	1