P Abdul Azeem

List of Publications by Year
in descending order

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22	625	759233 12	713466 21
papers	citations	h-index	g-index

22	22	22	605
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Solâ€“gel synthesis of soda lime silica-based bioceramics using biomass as renewable sources. Journal of the Korean Ceramic Society, 2022, 59, 76-85.	2.3	7
2	Facile Green Synthesis for the Formation of Î²-wollastonite from Agro-food-waste Materials. Silicon, 2022, 14, 12147-12154.	3.3	1
3	Investigation of lanthanumâ€sensitized CaZrO₃ blue nanophosphors for white lightâ€emitting diode applications. Luminescence, 2021, 36, 481-488.	2.9	1
4	A novel orange-red Sm3+-doped CaSiO3 nanostructured phosphor derived from agro food waste materials for white light applications. Ceramics International, 2021, 47, 26704-26711.	4.8	7
5	Zirconia-containing wollastonite ceramics derived from biowaste resources for bone tissue engineering. Biomedical Materials (Bristol), 2020, 15, 055025.	3.3	6
6	Review on calcium silicateâ€based bioceramics in bone tissue engineering. International Journal of Applied Ceramic Technology, 2020, 17, 2450-2464.	2.1	89
7	InÂvitro evaluation of niobia added soda lime borosilicate bioactive glasses. Journal of Alloys and Compounds, 2018, 764, 1072-1078.	5.5	14
8	Structural and luminescent studies of erbiumâ€doped CaZrO 3 greenâ€emitting nanophosphors. Luminescence, 2017, 32, 1246-1251.	2.9	9
9	Structural and luminescent features of cerium doped CaZrO3 blue nanophosphors. Journal of Alloys and Compounds, 2017, 705, 618-623.	5.5	34
10	Temperature optimization of CaZrO3 nanophosphors by structural and photoluminescence studies. Materials Today: Proceedings, 2016, 3, 3901-3907.	1.8	4
11	Seasonal heterogeneity in ozone and its precursors (NOx) by in-situ and model observations on semi-arid station in Anantapur (A.P), South India. Atmospheric Environment, 2014, 84, 294-306.	4.1	19
12	Spectroscopic investigations on Tb3+ doped lead fluoroborate glasses. Optics Communications, 2012, 285, 3787-3791.	2.1	24
13	Absorption and emission properties of Eu3+ ions in Sodium fluoroborate glasses. Physica B: Condensed Matter, 2007, 394, 62-68.	2.7	71
14	Absorption and emission spectral studies of Sm3+ and Dy3+ doped alkali fluoroborate glasses. Journal of Quantitative Spectroscopy and Radiative Transfer, 2003, 77, 149-163.	2.3	67
15	On the equivalence between Clausiusâ€“Mossotti and optical electronegativity relations. Optical Materials, 2003, 22, 7-11.	3.6	10
16	Dependence of Physical Parameters of Compound Semiconductors on Refractive Index. Defence Science Journal, 2003, 53, 239-248.	0.8	38
17	Potential energy curves, dissociation energies and Franckâ€“Condon factors of NI and ScI molecules. Journal of Quantitative Spectroscopy and Radiative Transfer, 2002, 74, 125-131.	2.3	27
18	Spectral properties of Eu3+:B2O3â€“AlF3â€“RF glasses. Journal of Quantitative Spectroscopy and Radiative Transfer, 2002, 75, 507-516.	2.3	8

#	Article	IF	Citations
19	Electronic polarizability and optical basicity properties of oxide glasses through average electronegativity. Journal of Non-Crystalline Solids, 2001, 286, 169-180.	3.1	104
20	Optical electronegativity, bulk modulus and electronic polarizability of materials. Optical Materials, 2000, 14, 355-358.	3.6	54
21	Correlation between optical basicity, electronegativity and electronic polarizability for some oxides and oxysalts. Optical Materials, 1999, 12, 425-428.	3.6	21
22	Optical and magnetic susceptibilities for semiconductors and alkali halides. Journal of Magnetism and Magnetic Materials, 1999, 192, 516-522.	2.3	10