

Naseer K A

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,062
citations

361296

20
h-index

580701

25
g-index

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25
docs citations

25
times ranked

227
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of Bi ₂ O ₃ concentration on barium-telluro-borate glasses: Physical, structural and radiation-shielding properties. <i>Ceramics International</i> , 2021, 47, 329-340.	2.3	110
2	Impact of Bi ₂ O ₃ modifier concentration on barium-zincborate glasses: physical, structural, elastic, and radiation-shielding properties. <i>European Physical Journal Plus</i> , 2021, 136, 116.	1.2	94
3	The impact of Er ³⁺ ions on the spectroscopic scrutiny of Bismuth bariumtelluroborate glasses for display devices and 1.53 μm amplification. <i>Journal of Non-Crystalline Solids</i> , 2019, 520, 119463.	1.5	82
4	The impact of Er/Yb co-doping on the spectroscopic performance of bismuth borophosphate glasses for photonic applications. <i>Vacuum</i> , 2021, 183, 109788.	1.6	76
5	Influence of modifier oxide on the structural and radiation shielding features of Sm ³⁺ -doped calcium telluro-fluoroborate glass systems. <i>Journal of the Australian Ceramic Society</i> , 2021, 57, 275-286.	1.1	67
6	The concentration impact of Yb ³⁺ on the bismuth boro-phosphate glasses: Physical, structural, optical, elastic, and radiation-shielding properties. <i>Radiation Physics and Chemistry</i> , 2021, 188, 109617.	1.4	61
7	Structural, optical and nuclear radiation shielding properties of strontium barium borate glasses doped with dysprosium and niobium. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 8570-8592.	1.1	60
8	Effect of different modifier oxides on the synthesis, structural, optical, and gamma/beta shielding properties of bismuth lead borate glasses doped with europium. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 21486-21501.	1.1	55
9	Optical, elastic, and neutron shielding studies of Nb ₂ O ₅ varied Dy ³⁺ doped barium-borate glasses. <i>Optik</i> , 2022, 251, 168436.	1.4	51
10	Influence of modifiers on the physical, structural, elastic and radiation shielding competence of Dy ³⁺ ions doped Alkali boro-tellurite glasses. <i>Radiation Physics and Chemistry</i> , 2021, 189, 109741.	1.4	44
11	Effect of TeO ₂ addition on the gamma radiation shielding competence and mechanical properties of boro-tellurite glass: an experimental approach. <i>Journal of Materials Research and Technology</i> , 2022, 18, 1017-1027.	2.6	41
12	Applicability of the multispectral remote sensing on determining the natural rock complexes distribution and their evaluability on the radiation protection applications. <i>Radiation Physics and Chemistry</i> , 2022, 193, 110004.	1.4	38
13	Impact of Modifier Oxides on Mechanical and Radiation Shielding Properties of B ₂ O ₃ -SrO-TeO ₂ -RO Glasses (Where RO = TiO ₂ , ZnO, BaO, and PbO). <i>Applied Sciences (Switzerland)</i> , 2021, 11, 10904.	1.3	36
14	Characterization of Ultramafic-Alkaline-Carbonatite complex for radiation shielding competencies: An experimental and Monte Carlo study with lithological mapping. <i>Ore Geology Reviews</i> , 2022, 142, 104735.	1.1	29
15	Thulium-doped barium tellurite glasses: structural, thermal, linear, and non-linear optical investigations. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 23030-23046.	1.1	28
16	Advanced nuclear radiation shielding studies of some mafic and ultramafic complexes with lithological mapping. <i>Radiation Physics and Chemistry</i> , 2021, 189, 109777.	1.4	27
17	Enhanced luminescence properties of Er ³⁺ /Yb ³⁺ doped zinc tellurofluoroborate glasses for 1.5 μm optical amplification. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	27
18	Multispectral remote sensing for determination the Ultra-mafic complexes distribution and their applications in reducing the equivalent dose from the radioactive wastes. <i>European Physical Journal Plus</i> , 2022, 137, 1.	1.2	24

#	ARTICLE	IF	CITATIONS
19	Design and Gamma-Ray Attenuation Features of New Concrete Materials for Low- and Moderate-Photons Energy Protection Applications. <i>Materials</i> , 2022, 15, 4947.	1.3	24
20	Gamma-ray protection capacity evaluation and satellite data based mapping for the limestone, charnockite, and gneiss rocks in the Sirugudi taluk of the Dindigul district, India. <i>Radiation Physics and Chemistry</i> , 2022, 196, 110108.	1.4	23
21	Optical properties and radiation shielding studies of europium doped modifier reliant multi former glasses. <i>Optik</i> , 2021, 247, 168005.	1.4	21
22	The significance of nuclear data in the production of radionuclides for theranostic/therapeutic applications. <i>Radiation Physics and Chemistry</i> , 2022, 200, 110342.	1.4	17
23	Study on the luminescence behavior of Dy ³⁺ ions activated, modifier dependent alkali boro-tellurite glasses for white LED application. <i>Optik</i> , 2022, 259, 169024.	1.4	13
24	A complete analysis of the structural, optical, and gamma-ray attenuation of Dy ³⁺ doped modifiers dependent Lead phosphate boro-tellurite glasses. <i>Optik</i> , 2022, 264, 169433.	1.4	9
25	Luminescence studies on Eu ³⁺ ions doped telluroborate glasses for photonic applications. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	5