

Naseer K A

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,062
citations

361413
20
h-index

580821
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g-index

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all docs

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.	4.8	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.	2.6	94
3	The impact of Er ³⁺ ions on the spectroscopic scrutiny of Bismuth bariumtelluroborate glasses for display devices and 1.53 μ m amplification. <i>Journal of Non-Crystalline Solids</i> , 2019, 520, 119463.	3.1	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.	3.5	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.	1.9	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.	2.8	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.	2.2	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.	2.2	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.	2.9	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.	2.8	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.	5.8	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.	2.8	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.	2.5	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.	2.7	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.	2.2	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.	2.8	27
17	Enhanced luminescence properties of Er ³⁺ /Yb ³⁺ doped zinc tellurofluoroborate glasses for 1.5 μ m optical amplification. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	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.	2.6	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.	2.9	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.	2.8	23
21	Optical properties and radiation shielding studies of europium doped modifier reliant multi former glasses. <i>Optik</i> , 2021, 247, 168005.	2.9	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.	2.8	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.	2.9	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.	2.9	9
25	Luminescence studies on Eu ³⁺ ions doped telluroborate glasses for photonic applications. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	5