

# Shoroog Alraddadi

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

447  
citations

1163117

8  
h-index

940533

16  
g-index

17  
all docs

17  
docs citations

17  
times ranked

268  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polarizability, Optical Basicity, and Photon Attenuation Properties of $\text{Ag}_2\text{O}-\text{MoO}_3-\text{V}_2\text{O}_5-\text{TeO}_2$ Glasses: The Role of Silver Oxide. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021, 31, 1047-1056.	3.7	74
2	Synthesis, structural, optical, and thermoluminescence properties of $\text{ZnO}/\text{Ag}/\text{Y}$ nanopowders for electronic and dosimetry applications. <i>Ceramics International</i> , 2021, 47, 4249-4256.	4.8	17
3	The Effects of $\text{TeO}_2$ on Polarizability, Optical Transmission, and Photon/Neutron Attenuation Properties of Boro-Zinc-Tellurite Glasses. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021, 31, 2331-2338.	3.7	69
4	Electronic structure and magnetic properties of $(\text{I}^3\text{-Fe}_2\text{O}_3/\text{MgO})\text{N}$ multilayers. <i>Applied Physics A: Materials Science and Processing</i> , 2021, 127, 1.	2.3	1
5	Physical properties of mesoporous scoria and pumice volcanic rocks. <i>Journal of Physics Communications</i> , 2021, 5, 115018.	1.2	9
6	Characterization and potential applications of different powder volcanic ash. <i>Journal of King Saud University - Science</i> , 2020, 32, 2969-2975.	3.5	29
7	Mechanical, optical, and beta/gamma shielding properties of alkali tellurite glasses: Role of $\text{ZnO}$ . <i>Ceramics International</i> , 2020, 46, 28594-28602.	4.8	28
8	The effects of $\text{La}_2\text{O}_3$ addition on mechanical and nuclear shielding properties for zinc borate glasses using Monte Carlo simulation. <i>Ceramics International</i> , 2020, 46, 29191-29198.	4.8	75
9	Gamma-ray/neutron shielding capacity and elastic moduli of $\text{MnO}-\text{K}_2\text{O}-\text{B}_2\text{O}_3$ glasses co-doped with $\text{Er}^{3+}$ ions. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	2.3	3
10	Surface and thermal properties of fine black and white volcanic ash. <i>Materials Today: Proceedings</i> , 2020, 26, 1964-1966.	1.8	8
11	Effect of thermal treatment on the structural, electrical, and dielectric properties of volcanic scoria. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 11688-11699.	2.2	15
12	Characterization and properties of geopolymer nanocomposites with different contents of nano- $\text{CaCO}_3$ . <i>Construction and Building Materials</i> , 2020, 252, 119137.	7.2	99
13	Effects of calcination on structural properties and surface morphology of black volcanic ash. <i>Journal of Physics Communications</i> , 2020, 4, 105002.	1.2	9
14	The Effect of the Superlattice on the Magnetic and Transport Properties of Epitaxial Magnetite Thin Films. <i>IEEE Transactions on Magnetics</i> , 2019, 55, 1-5.	2.1	2
15	Origin of the temperature dependence of the energy gap in Cr-doped $\text{Bi}_2\text{Se}_3$ . <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 8624-8628.	2.8	6
16	The finite size effect on the transport and magnetic properties of epitaxial $\text{Fe}_3\text{O}_4$ thin films. <i>Materials Express</i> , 2018, 8, 443-449.	0.5	1
17	Effects of Black Scoria on Mechanical Properties and Thermal Insulation Properties of Building Materials. <i>Materials Science Forum</i> , 0, 1047, 151-157.	0.3	2