Mohammed Sadeq

List of Publications by Year
in descending order

13	527	759233 12	1125743 13
papers	citations	h-index	g-index

14	14	14	111
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Impact of Cr³⁺ substitution on the nephelauxetic ratio and Racah parameter of Cr-Mn-Zn nanoferrites. Physica Scripta, 2022, 97, 015804.	2.5	20
2	Optical and radiation shielding properties of titano-phosphate glasses: influence of BaO. Journal of the Australian Ceramic Society, 2022, 58, 867-880.	1.9	9
3	Effects of TiO2, V2O5, MnO2 and Tl2O3 on structural, physical, optical and ionizing radiation shielding properties of strontium boro-tellurite glass: An experimental study. Optical Materials, 2022, 127, 112350.	3.6	19
4	Impact of cobalt ions on the phonon energy and ligand field parameters of some borate glasses. Journal of Non-Crystalline Solids, 2021, 555, 120535.	3.1	27
5	The tungsten oxide within phosphate glasses to investigate the structural, optical, and shielding properties variations. Journal of Materials Science: Materials in Electronics, 2021, 32, 12402-12413.	2.2	31
6	The structure, correlated vibrations, optical parameters and metallization criterion of Mnâ€“Znâ€“Cr nanoferrites. Journal of Materials Science: Materials in Electronics, 2021, 32, 15814-15825.	2.2	26
7	The path towards wide-bandgap and UV-transparent lithium phosphate glasses doped with cobalt oxide for optical applications. Journal of Non-Crystalline Solids, 2021, 569, 120983.	3.1	41
8	The role of CuCl2 in tuning the physical, structural and optical properties of some Al2O3â€“B2O3 glasses. Journal of Non-Crystalline Solids, 2020, 528, 119749.	3.1	80
9	Effect of samarium oxide on structural, optical and electrical properties of some alumino-borate glasses with constant copper chloride. Journal of Rare Earths, 2020, 38, 770-775.	4.8	76
10	Influence of Fe cations on the structural and optical properties of alkali-alkaline borate glasses. Journal of Non-Crystalline Solids, 2020, 548, 120320.	3.1	35
11	Influence of cobalt ions on the structure, phonon emission, phonon absorption and ligand field of some sodium borate glasses. Journal of Non-Crystalline Solids, 2019, 525, 119666.	3.1	66
12	Effect of mixed rare-earth ions on the structural and optical properties of some borate glasses. Ceramics International, 2019, 45, 18327-18332.	4.8	73
13	Effect of mixed heavy metal cations on the A.C. conductivity and dielectric properties of some boro-silicate glasses. Ceramics International, 2018, 44, 14363-14369.	4.8	24