

Nehal Elkhoshkhany

List of Publications by Year in descending order

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papers

962
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394421

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all docs

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32
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685
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrodeposition and corrosion behavior of nano-structured Ni-WC and Ni-Co-WC composite coating. Journal of Alloys and Compounds, 2017, 695, 1505-1514.	5.5	105
2	Optical Properties of quaternary TeO ₂ -ZnO-Nb ₂ O ₅ -Gd ₂ O ₃ glasses. Ceramics International, 2014, 40, 14477-14481.	4.8	92
3	Preparation of geopolymers using Egyptian kaolin clay and the study of its environmental effects and economic cost. Clean Technologies and Environmental Policy, 2020, 22, 669-687.	4.1	83
4	Mechanical and thermal properties of TeO ₂ -Bi ₂ O ₃ -V ₂ O ₅ -Na ₂ O-TiO ₂ glass system. Ceramics International, 2016, 42, 19218-19224.	4.8	59
5	Thermal, FTIR and UV spectral studies on tellurite glasses doped with cerium oxide. Ceramics International, 2018, 44, 2789-2796.	4.8	52
6	Ni-TiN and Ni-Co-TiN composite coatings for corrosion protection: Fabrication and electrochemical characterization. Journal of Alloys and Compounds, 2018, 735, 600-606.	5.5	50
7	Concentration dependence of the elastic moduli, thermal properties, and non-isothermal kinetic parameters of Yb ³⁺ doped multicomponent tellurite glass system. Results in Physics, 2020, 16, 102876.	4.1	46
8	Optical properties and crystallization of bismuth boro-tellurite glasses. Journal of Non-Crystalline Solids, 2017, 476, 15-24.	3.1	44
9	Synthesis and optical properties of new fluoro-tellurite glass within (TeO ₂ -ZnO-LiF-Nb ₂ O ₅ -NaF) system. Journal of Non-Crystalline Solids, 2017, 472, 39-45.	3.1	38
10	Structural, thermal and optical properties of oxy-fluoro borotellurite glasses. Journal of Materials Research and Technology, 2020, 9, 2946-2959.	5.8	35
11	Thermal properties of quaternary TeO ₂ -ZnO-Nb ₂ O ₅ -Gd ₂ O ₃ glasses. Ceramics International, 2014, 40, 11985-11994.	4.8	33
12	Preparation and study of optical, thermal, and antibacterial properties of vanadate-tellurite glass. Ceramics International, 2017, 43, 15635-15644.	4.8	30
13	Influence of Sm ₂ O ₃ addition on Judd-Ofelt parameters, thermal and optical properties of the TeO ₂ -Li ₂ O-ZnO-Nb ₂ O ₅ glass system. Materials Characterization, 2018, 144, 274-286.	4.4	30
14	Structural and optical properties of TeO ₂ -Li ₂ O-ZnO-Nb ₂ O ₅ -Er ₂ O ₃ glass system. Journal of Non-Crystalline Solids, 2018, 500, 289-301.	3.1	30
15	UV-Vis-NIR spectroscopy, structural and thermal properties of novel oxyhalide tellurite glasses with composition TeO ₂ -B ₂ O ₃ -SrCl ₂ -LiF-Bi ₂ O ₃ for optical application. Results in Physics, 2019, 13, 102222.	4.1	26
16	Influence of La ₂ O ₃ on the structural, optical and thermal properties of TeO ₂ -ZnO-Li ₂ O-Nb ₂ O ₅ glass. Journal of Non-Crystalline Solids, 2020, 536, 119994.	3.1	23
17	Optical and kinetics parameters of lithium boro-tellurite glasses. Ceramics International, 2015, 41, 3561-3567.	4.8	22
18	Kinetic characterization of TeO ₂ -Bi ₂ O ₃ -V ₂ O ₅ -Na ₂ O-TiO ₂ glass system. Ceramics International, 2017, 43, 6156-6162.	4.8	22

#	ARTICLE	IF	CITATIONS
19	Optical, thermal and antibacterial properties of tellurite glass system doped with ZnO. <i>Materials Chemistry and Physics</i> , 2018, 214, 489-498.	4.0	21
20	Elastic properties of quaternary $\text{TeO}_2\text{-ZnO-Nb}_2\text{O}_5\text{-Gd}_2\text{O}_3$ glasses. <i>Ceramics International</i> , 2015, 41, 9862-9866.	4.8	16
21	Kinetics characterization of erbium-doped tellurite glass. <i>Ceramics International</i> , 2018, 44, 6829-6835.	4.8	16
22	Effect of heat treatment on erbium-doped tellurite glass. <i>Materials Chemistry and Physics</i> , 2019, 221, 467-476.	4.0	14
23	Detailed study about the thermal behavior and kinetics characterization of an oxyfluoride tellurite glass. <i>Journal of Non-Crystalline Solids</i> , 2018, 486, 19-26.	3.1	12
24	Physical, optical, thermal, and gamma-ray shielding features of fluorotellurite lithiumniobate glasses: $\text{TeO}_2\text{-LiNbO}_3\text{-BaO-BaF}_2\text{-La}_2\text{O}_3$. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 3743-3752.	2.2	12
25	Investigation of structural and luminescence properties of borosilicate glass doped with Dy_2O_3 . <i>Results in Physics</i> , 2021, 27, 104544.	4.1	11
26	Enhanced thermal stability and optical and structural properties of Tm^{+3} ions in doped tellurite glasses for photonic use. <i>Results in Physics</i> , 2021, 24, 104202.	4.1	10
27	Kinetics characterization and visible photoluminescence spectroscopy of an erbium-doped tellurite glass. <i>Results in Physics</i> , 2019, 14, 102370.	4.1	9
28	High Stability Performance of Superhydrophobic Modified Fluorinated Graphene Films on Copper Alloy Substrates. <i>Advances in Materials Science and Engineering</i> , 2017, 2017, 1-8.	1.8	7
29	Properties of tellurite glass doped with ytterbium oxide for optical applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 6963-6976.	2.2	7
30	Thermal Stability, Optical Properties, and Gamma Shielding Properties of Tellurite Glass Modified with Potassium Chloride. <i>Materials</i> , 2022, 15, 2403.	2.9	5
31	Spectroscopic properties in simple cost glasses with alkaline oxides doped with Sm_2O_3 for display laser emission. <i>Results in Physics</i> , 2021, 31, 104955.	4.1	2
32	Study of ionizing radiation attenuation of glass as: gamma rays shielding material. , 2022, 19, 227-239.		0