R El-Mallawany

List of Publications by Year
in descending order

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155 papers	6,386 citations	31902 53 h-index	82410 72 g-index
160 all docs	160 docs citations	160 times ranked	1805 citing authors

#	Article	IF	Citations
1	New tellurite glass: Optical properties. Materials Chemistry and Physics, 2008, 109, 291-296.	2.0	184
2	The elastic behaviour of TeO2 glass under uniaxial and hydrostatic pressure. Journal of Non-Crystalline Solids, 1984, 69, 117-133.	1.5	177
3	The optical properties of tellurite glasses. Journal of Applied Physics, 1992, 72, 1774-1777.	1.1	165
4	Influence of Bi2O3/PbO on nuclear shielding characteristics of lead-zinc-tellurite glasses. Physica B: Condensed Matter, 2020, 581, 411946.	1.3	121
5	Tellurite glasses Part 1. Elastic properties. Materials Chemistry and Physics, 1998, 53, 93-120.	2.0	118
6	Comparative shielding properties of some tellurite glasses: Part 2. Journal of Non-Crystalline Solids, 2017, 474, 16-23.	1.5	113
7	Optical properties and gamma-shielding features of bismuth borate glasses. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	1.1	106
8	Simulation of radiation shielding properties of glasses contain PbO. Radiation Physics and Chemistry, 2018, 151, 239-252.	1.4	104
9	Ultrasonic studies of (TeO2)1-x-(V2O5)x glasses. Journal of Non-Crystalline Solids, 1997, 215, 75-82.	1.5	101
10	Shielding properties of 80TeO2â€“5TiO2â€“(15â^'x) WO3â€“xAnOm glasses using WinXCom and MCNP5 code. Radiation Physics and Chemistry, 2017, 141, 172-178.	1.4	98
11	Investigation of optical, physical, and gamma-ray shielding features of novel vanadyl boro-phosphate glasses. Journal of Non-Crystalline Solids, 2020, 533, 119905.	1.5	96
12	Theoretical and experimental IR spectra of binary rare earth tellurite glassesâ€”1. Infrared Physics, 1989, 29, 781-785.	0.5	94
13	Ultrasonic studies of (TeO2)50â€“(V2O5)50â^'x(TiO2)x glasses. Materials Chemistry and Physics, 2006, 95, 321-327.	2.0	94
14	Shielding properties of (100-x)TeO 2 â€“(x)MoO 3 glasses. Materials Chemistry and Physics, 2017, 201, 50-56.	2.0	93
15	Optical Properties of quaternary TeO2â€“ZnOâ€“Nb2O5â€“Gd2O3 glasses. Ceramics International, 2014, 40, 14477-14481.	2.3	92
16	Optical properties of zinc lead tellurite glasses. Results in Physics, 2018, 9, 1371-1376.	2.0	91
17	FTIR and UV spectra of pentaternary borate glasses. Measurement: Journal of the International Measurement Confederation, 2017, 105, 72-77.	2.5	90
18	FTIR, UVâ€“Visâ€“NIR spectroscopy, and gamma rays shielding competence of novel ZnO-doped vanadium borophosphate glasses. Journal of Materials Science: Materials in Electronics, 2020, 31, 9099-9113.	1.1	90

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19	Structural, UV and shielding properties of ZBPC glasses. Journal of Non-Crystalline Solids, 2019, 509, 99-105.	1.5	89
20	A study of optical absorption in tellurite and tungsten-tellurite glasses. Journal of Materials Science, 1985, 20, 661-667.	1.7	88
21	Novel vanadyl lead-phosphate glasses: P2O5â€“PbOâ€“ZnO Na2Oâ€“V2O5: Synthesis, optical, physical and gamma photon attenuation properties. Journal of Non-Crystalline Solids, 2020, 534, 119944.	1.5	87
22	Comparative shielding properties of some tellurite glasses: Part 1. Physica B: Condensed Matter, 2018, 539, 133-140.	1.3	86
23	Preparation and structural studies in the (70Ââ^'Âx)TeO2â€“20WO3â€“10Li2Oâ€“xLn2O3 glasses. Journal of Materials Science, 2010, 45, 897-905.	1.7	85
24	Effect of PbO on optical properties of tellurite glass. Results in Physics, 2018, 8, 16-25.	2.0	82
25	Investigation ofthe gamma ray shielding parameters of (100-x)[0.5Li2Oâ€“0.1B2O3â€“0.4P2O5]-xTeO2 glasses using Geant4 and FLUKA codes. Journal of Non-Crystalline Solids, 2019, 521, 119489.	1.5	82
26	Study of luminescence properties of Er3+-ions in new tellurite glasses. Optical Materials, 2004, 26, 267-270.	1.7	81
27	DC conductivity of silver vanadium tellurite glasses. Journal of Physics and Chemistry of Solids, 2009, 70, 224-233.	1.9	74
28	Thermal properties of multicomponent tellurite glass. Journal of Materials Science, 2008, 43, 5131-5138.	1.7	72
29	Fabrication, physical, optical characteristics and gamma-ray competence of novel bismo-borate glasses doped with Yb2O3 rare earth. Physica B: Condensed Matter, 2020, 583, 412055.	1.3	69
30	Role of ZnO on TeO2.Li2O.ZnO glasses for optical and nuclear radiation shielding applications utilizing MCNP5 simulations and WINXCOM program. Journal of Non-Crystalline Solids, 2020, 544, 120162.	1.5	68
31	Optical and nuclear radiation shielding properties of zinc borate glasses doped with lanthanum oxide. Journal of Non-Crystalline Solids, 2020, 543, 120151.	1.5	68
32	Absorption and Emission Analysis of RE³⁺(Sm³⁺ and) Tj ETQq0 0 0 rgBT /Overlock 10 T Nanotechnology, 2009, 9, 3672-3677.	0.9	67
33	SnO-reinforced silicate glasses and utilization in gamma-radiation-shielding applications. Emerging Materials Research, 2020, 9, 1000-1008.	0.4	67
34	Luminescence spectra and optical properties of TeO2â€“WO3â€“Li2O glasses doped with Nd, Sm and Er rare earth ions. Physica B: Condensed Matter, 2011, 406, 972-980.	1.3	66
35	Novel zinc vanadyl boro-phosphate glasses: ZnOâ€“V2O5â€“ P2O5â€“B2O3: Physical, thermal, and nuclear radiation shielding properties. Ceramics International, 2020, 46, 19318-19327.	2.3	66
36	Longitudinal elastic constants of tellurite glasses. Journal of Applied Physics, 1993, 73, 4878-4880.	1.1	64

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37	Structural Interpretations on tellurite glasses. Materials Chemistry and Physics, 2000, 63, 109-115.	2.0	64
38	Quantitative analysis of elastic moduli of tellurite glasses. Journal of Materials Research, 1990, 5, 2218-2222.	1.2	62
39	Optical properties of bismuth borotellurite glasses doped with NdCl3. Journal of Molecular Structure, 2019, 1175, 504-511.	1.8	62
40	The electrical conductivity of pure and binary TeO2 glasses. Journal of Non-Crystalline Solids, 1987, 94, 307-314.	1.5	59
41	Specific Heat Capacity of Semiconducting Glasses: Binary Vanadium Tellurite. Physica Status Solidi A, 2000, 177, 439-444.	1.7	59
42	Mechanical and thermal properties of TeO2â€“Bi2O3â€“V2O5â€“Na2Oâ€“TiO2 glass system. Ceramics International, 2016, 42, 19218-19224.	2.3	59
43	Infrared and Raman spectra of new molybdenum and tungsten oxyfluoride glasses. Journal of Materials Science, 1999, 34, 5163-5168.	1.7	58
44	Network structure of tellurite phosphate glasses: Optical absorption and infrared spectra. Journal of Applied Physics, 1993, 73, 71-74.	1.1	57
45	Comparison between the Elastic Moduli of Tellurite and Phosphate Glasses. Physica Status Solidi A, 1998, 166, 829-834.	1.7	57
46	Optical properties and nuclear radiation shielding capacity of TeO2-Li2O-ZnO glasses. Optical Materials, 2020, 106, 109988.	1.7	57
47	Elastic properties of binary, ternary and quaternary rare earth tellurite glasses. Journal of Materials Science Letters, 1988, 7, 870-874.	0.5	56
48	Elastic constants of semiconducting tellurite glasses. Materials Chemistry and Physics, 1994, 37, 295-298.	2.0	56
49	Structural and vibrational investigations of thermal properties of tellurite glasses. Journal of Materials Research, 1992, 7, 224-228.	1.2	56
50	Elastic behaviour under pressure of the binary tellurite glasses TeO2-ZnCl2 and TeO2-WO3. Journal of Materials Science Letters, 1987, 6, 443-446.	0.5	55
51	Tellurite glasses. Materials Chemistry and Physics, 1999, 60, 103-131.	2.0	55
52	Relaxation of longitudinal ultrasonic waves in some tellurite glasses. Materials Chemistry and Physics, 2002, 74, 222-229.	2.0	55
53	Electrical Conductivity of Silver Vanadium Tellurite Glasses. Journal of the American Ceramic Society, 2002, 85, 2655-2659.	1.9	55
54	Synthesis, physical, optical, mechanical, and radiation attenuation properties of TiO2â€“Na2Oâ€“Bi2O3â€“B2O3 glasses. Ceramics International, 2021, 47, 185-204.	2.3	55

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55	Infra-Red Spectra, Electron Spin Resonance Spectra, and Density of (TeO2)100â^'xâ€"(WO3)x and (TeO2)100â^'xâ€"(ZnCl2)x Glasses. Physica Status Solidi A, 1985, 91, 637-642.	1.7	54
56	Ultrasonic attenuation of tellurite glasses. Materials Chemistry and Physics, 1994, 37, 197-200.	2.0	53
57	ESR and electrical conductivity studies of (TeO2)0.95(CeO2)0.05 semiconducting glasses. Materials Chemistry and Physics, 1995, 41, 87-91.	2.0	53
58	Elastic moduli of tricomponent tellurite glasses TeO2-V2O5-Ag2O. Journal of Materials Science Letters, 2000, 19, 409-411.	0.5	53
59	Dielectric properties and polarizability of molybdenum tellurite glasses. Journal of Materials Science, 1996, 31, 6339-6343.	1.7	52
60	Ultrasonic Attenuation at Low Temperature of TeO2â€"V2O5 Glasses. Physica Status Solidi A, 1997, 159, 397-404.	1.7	51
61	Devitrification and vitrification of tellurite glasses. Journal of Materials Science: Materials in Electronics, 1995, 6, 1.	1.1	49
62	Elastic modulus of tellurite glasses. Journal of Materials Science Letters, 1996, 15, 2065-2067.	0.5	48
63	Evaluation of nuclear radiation shielding competence for ternary Geâ€"Sbâ€"S chalcogenide glasses. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	1.1	47
64	Radiation effect on the ultrasonic attenuation and internal friction of tellurite glasses. Materials Chemistry and Physics, 1998, 52, 161-165.	2.0	45
65	Optical properties and crystallization of bismuth boro-tellurite glasses. Journal of Non-Crystalline Solids, 2017, 476, 15-24.	1.5	44
66	Electronic polarizability and third-order nonlinearity of Nd3+ doped borotellurite glass for potential optical fiber. Materials Chemistry and Physics, 2019, 236, 121812.	2.0	44
67	A.c. conductivity of tellurite glasses. Materials Chemistry and Physics, 1995, 40, 163-167.	2.0	38
68	Controlling the dielectric and optical properties of PVA/PEG polymer blend via e-beam irradiation. Journal of Polymer Research, 2013, 20, 1.	1.2	35
69	Lead borate glasses and synergistic impact of lanthanum oxide additive: optical and nuclear radiation shielding behaviors. Journal of Materials Science: Materials in Electronics, 2020, 31, 14494-14501.	1.1	35
70	Physical, thermal, optical, structural and nuclear radiation shielding properties of Sm2O3 reinforced borotellurite glasses. Ceramics International, 2021, 47, 6154-6168.	2.3	35
71	Thermal properties of quaternary TeO2â€"ZnOâ€"Nb2O5â€"Gd2O3 glasses. Ceramics International, 2014, 40, 11985-11994.	2.3	33
72	Structural peculiarities and Raman spectra of TeO2/WO3-based glasses: A fresh look at the problem. Journal of Solid State Chemistry, 2012, 190, 45-51.	1.4	32

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73	Upconversion properties of erbium nanoparticles doped tellurite glasses for high efficient laser glass. Optics Communications, 2019, 448, 82-88.	1.0	31
74	Assessment of gamma-ray attenuation features for La+3 co-doped zinc borotellurite glasses. Radiation Physics and Chemistry, 2020, 176, 109069.	1.4	31
75	Dielectric and nano-scale free volume properties of polyaniline/polyvinyl alcohol nanocomposites. Journal of Materials Science: Materials in Electronics, 2015, 26, 7544-7553.	1.1	28
76	Elastic moduli and crosslinking of some tellurite glass systems. Materials Chemistry and Physics, 2013, 143, 11-14.	2.0	27
77	Tellurite Glass Smart Materials. , 2018, , .		27
78	Volume and thermal studies for tellurite glasses. Journal of Materials Science, 2010, 45, 871-887.	1.7	26
79	Optical and Electrical Properties of Lead Borate Glasses. Journal of Electronic Materials, 2019, 48, 5624-5631.	1.0	26
80	New oxyfluoroniobate glasses. Journal of Non-Crystalline Solids, 2005, 351, 818-825.	1.5	25
81	Evaluation of optical features and ionizing radiation shielding competences of TeO2â€“Li2O (TL) glasses via Geant4 simulation code and Phy-X/PSD program. Optical Materials, 2020, 108, 110394.	1.7	25
82	UV and electrical properties of TeO2-WO3-Li2O-Nb2O5/Sm2O3/Pr6O11/Er2O3 glasses. Journal of Non-Crystalline Solids, 2018, 498, 443-447.	1.5	24
83	Optical performance of neodymium nanoparticles doped tellurite glasses. Physica B: Condensed Matter, 2020, 577, 411784.	1.3	24
84	Gamma ray exposure buildup factor and shielding features for some binary alloys using MCNP-5 simulation code. Nuclear Engineering and Technology, 2021, , .	1.1	24
85	Optical and kinetics parameters of lithium boro-tellurite glasses. Ceramics International, 2015, 41, 3561-3567.	2.3	22
86	Effect of PbO on the elastic behavior of ZnOâ€“P 2 O 5 glass systems. Results in Physics, 2016, 6, 449-455.	2.0	22
87	Optical properties of zinc borotellurite glass system doped with erbium and erbium nanoparticles for photonic applications. Journal of Materials Science: Materials in Electronics, 2017, 28, 4318-4327.	1.1	22
88	Silicon solar cells as a gamma ray dosimeter. Measurement: Journal of the International Measurement Confederation, 2013, 46, 3635-3639.	2.5	21
89	Thermal and optical properties of lithium-zinc-tellurite glasses. Materials Chemistry and Physics, 2019, 231, 150-158.	2.0	21
90	Calorimetric Study on Tellurite Glasses. Physica Status Solidi A, 1997, 163, 377-386.	1.7	20

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91	Effect of Bi2O3 addition on the ultrasonic properties of pentaternary borate glasses. Measurement: Journal of the International Measurement Confederation, 2018, 116, 314-317.	2.5	20
92	Improving dosimetric properties of tellurite glasses. Physica B: Condensed Matter, 2012, 407, 3580-3585.	1.3	19
93	Some physical properties of new oxyfluoride glasses. Journal of Non-Crystalline Solids, 1995, 184, 141-146.	1.5	18
94	Analysis and prediction for elastic properties of quaternary tellurite Ag2Oâ€“V2O5â€“MoO3â€“TeO2 and WO3â€“B2O3â€“MgOâ€“TeO2 glasses. Journal of Non-Crystalline Solids, 2019, 522, 119580.	1.5	18
95	Synthesis and characterization of samarium doped calcium sodaâ€“limeâ€“silicate glass derived wollastonite glassâ€“ceramics. Journal of Materials Research and Technology, 2020, 9, 13153-13160.	2.6	18
96	Thermoluminescence dosimetry of rare-earth doped tellurite phosphate glasses. Materials Chemistry and Physics, 1994, 36, 365-370.	2.0	17
97	Theoretical analysis of the electrical properties of tellurite glasses. Materials Chemistry and Physics, 1994, 37, 376-381.	2.0	17
98	Theoretical analysis of ultrasonic wave attenuation and elastic moduli of tellurite glasses. Materials Chemistry and Physics, 1994, 39, 161-165.	2.0	17
99	Glass transformation temperature and stability of tellurite glasses. Journal of Materials Research, 2003, 18, 402-406.	1.2	17
100	Mechanical relaxation of some tellurovanadate glasses. Journal of Non-Crystalline Solids, 2015, 417-418, 28-33.	1.5	17
101	Impact of Yb2O3 on the physical, bonding, dispersion and dielectric properties of Li2Oâ€“ZnOâ€“P2O5 glasses. Materials Science in Semiconductor Processing, 2022, 140, 106362.	1.9	17
102	Elastic properties of quaternaryTeO2â€“ZnOâ€“Nb2O5â€“Gd2O3 glasses. Ceramics International, 2015, 41, 9862-9866.	2.3	16
103	Thermal, structural and magnetic properties of TeO2-MgO-Na2O-Nd2O3 glass system with NiO nanoparticles. Journal of Non-Crystalline Solids, 2019, 522, 119566.	1.5	16
104	On Y2O3Â·Li2OÂ·Al2O3Â·B2O3 glasses: synthesis, structure, physical, optical characteristics and gamma-ray shielding behavior. Journal of Materials Science: Materials in Electronics, 2021, 32, 16242-16254.	1.1	16
105	Thermal properties and crosslinking of binary TeO2â€“Nb2O5 and TeO2â€“WO3 glasses. Journal of Non-Crystalline Solids, 2013, 379, 177-179.	1.5	15
106	Optical, magnetic characterization, and gamma-ray interactions for borate glasses using XCOM program. Journal of Theoretical and Applied Physics, 2019, 13, 155-164.	1.4	15
107	Direct influence of La on structure, optical and gamma-ray shielding properties of lead borate glasses. Radiation Physics and Chemistry, 2020, 177, 109085.	1.4	15
108	Optical and gamma-ray shielding features of Nd3+ doped lithium-zinc-borophosphate glasses. Optik, 2021, 242, 167059.	1.4	15

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109	Thermal properties of new molybdenum oxyfluoride glasses. Journal of Materials Science, 2002, 37, 3291-3297.	1.7	14
110	Evaluation of optical parameters of some tellurite glasses. Optik, 2014, 125, 6344-6346.	1.4	13
111	DTA and FTIR of 70TeO2â€“(25Ââ^'Âx)MnO2â€“xV2O5â€“5Fe2O3 tellurite glass systems. Journal of Thermal Analysis and Calorimetry, 2018, 131, 1857-1865.	2.0	13
112	Role of silver/titania nanoparticles on optical features of Sm3+ doped sulfophosphate glass. Optical Materials, 2020, 105, 109922.	1.7	13
113	Oxide ion/electronic polarizability, optical basicity and linear dielectric susceptibility of TeO2 â€“ B2O3 â€“ SiO2 glasses. Ceramics International, 2021, 47, 21668-21678.	2.3	13
114	Debye temperature of tellurite glasses. Physica Status Solidi A, 1992, 130, 103-108.	1.7	12
115	dc electrical conductivity of tellurite phosphate glasses. Journal of Applied Physics, 1993, 73, 75-77.	1.1	12
116	UV-IR spectra of new tellurite glasses. EPJ Applied Physics, 2002, 19, 165-172.	0.3	12
117	Relaxation phenomena in tellurite glasses. Journal of Applied Physics, 2010, 107, .	1.1	12
118	Synthesis and green luminescence of low cost Er2O3 doped zinc silicate glass-ceramics as laser materials. Optik, 2019, 184, 480-484.	1.4	12
119	Effect of lithium addition on Te4+ emission in TeO2-Li2O glasses. Journal of Non-Crystalline Solids, 2019, 524, 119609.	1.5	11
120	Effect of lead and zinc oxides on the thermal properties of tellurite glass systems. Journal of Non-Crystalline Solids, 2019, 523, 119640.	1.5	11
121	Synthesis, physical, optical properties and gamma-ray shielding parameters of some tellurite glasses. Optik, 2021, 242, 167171.	1.4	11
122	Ultrasonic Detection of Microphase Separation in Tellurite Glasses. Physica Status Solidi A, 1992, 133, 245-251.	1.7	10
123	Effect of pre-readout annealing treatments on TL mechanism in tellurite glasses at therapeutic radiation doses level. Measurement: Journal of the International Measurement Confederation, 2013, 46, 1722-1725.	2.5	10
124	Effect of Concurrent ZnO Addition and AlF₃Reduction on the Elastic Properties of Tellurite Based Glass System. Advances in Condensed Matter Physics, 2014, 2014, 1-7.	0.4	10
125	Optical and thermal properties of TeO₂â€“B₂O₃â€“Gd₂O₃ glass systems. Materials Science-Poland, 2019, 37, 517-525.	0.4	10
126	The effect of gamma irradiation on the electrical conductivity of TeO₂-P₂O₅ and Bi₂O₃-TeO₂-P₂O₅ glasses. Radiation Effects and Defects in Solids, 1992, 124, 401-407.	0.4	9

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127	Optical Properties of Erbium Zinc Tellurite Glass System. Advances in Materials Science and Engineering, 2015, 2015, 1-5.	1.0	9
128	Non-isothermal crystallization of TeO2-Na2O-TiO2 glasses. Journal of Non-Crystalline Solids, 2019, 524, 119655.	1.5	9
129	White light source and optical thermometry based on zinc-tellurite glass tri-doped with Tm3+/Er3+/Sm3+. Journal of Alloys and Compounds, 2022, 899, 163305.	2.8	9
130	Simulation of acoustic properties of some tellurite glasses. Ceramics International, 2014, 40, 7389-7394.	2.3	8
131	Elastic moduli of TeO2â€“PbO glass system. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	1.1	8
132	Refractive index behavior of tellurite glasses. Optical Materials, 2021, 112, 110810.	1.7	8
133	New shielding ZnO-PbO-TeO2 glasses. Optik, 2021, 243, 167483.	1.4	8
134	Preparation and Characterization of Binary Oxy-Halide Tellurite Glasses. Materials Science Forum, 0, 67-68, 149-154.	0.3	7
135	Introduction to Tellurite Glasses. Springer Series in Materials Science, 2017, , 1-13.	0.4	7
136	Impact of B2O3 on physical, optical characteristics and radiation attenuation factors of borotellurite glasses. Journal of Materials Research and Technology, 2022, 18, 2531-2545.	2.6	7
137	Fabrication and synthesis lithium borate glasses for gamma-ray dosimeter. Results in Optics, 2022, 8, 100234.	0.9	7
138	Magnetic Properties of Some Tellurite Glasses. Journal of Superconductivity and Novel Magnetism, 2018, 31, 3079-3084.	0.8	6
139	Effect of Gd3+ on optical and thermal properties of tellurite glass. Journal of Theoretical and Applied Physics, 2020, 14, 137-147.	1.4	6
140	Physical and mechanical investigations for bismuth tungsten tellurite glasses. Journal of Alloys and Compounds, 2021, 883, 160802.	2.8	6
141	Nb2O5â€“TeO2 and Nb2O5â€“Li2Oâ€“TeO2 glasses: Evaluation of elastic properties. Journal of Non-Crystalline Solids, 2022, 575, 121229.	1.5	6
142	Effect of Î³-radiation on the elastic moduli of tricomponent tellurite glasses TeO2-V2O5-Ag2O. Journal of Materials Science Letters, 2000, 19, 413-415.	0.5	5
143	On the origin of electrical relaxation in tellurite glasses. Solid State Ionics, 2010, 181, 1103-1110.	1.3	5
144	Elastic and spectroscopic properties of 0.7TeO2â€“0.1ZnOâ€“0.1NaFâ€“(0.1â€“x) WO3â^'xNd2O3 tellurite glasses. Indian Journal of Physics, 2020, 94, 1633-1641.	0.9	5

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145	Ultrasonic waves, mechanical properties and radiation shielding competence of Er3+ doped lead borate glasses: experimental and theoretical investigations. Journal of the Australian Ceramic Society, 2021, 57, 1163-1176.	1.1	5
146	Infrared transmission of chalcohalide glasses in the Geâ€“Seâ€“Teâ€“I system. Infrared Physics and Technology, 2012, 55, 256-262.	1.3	4
147	Experimental and theoretical elastic moduli of sodiumâ€“zincâ€“tellurite glasses. Optik, 2021, 243, 167330.	1.4	4
148	Characterization of oxyfluorotellurite glasses with TeO2â€“Li2Oâ€“ZnOâ€“LiF composition. Ceramics International, 2022, 48, 4302-4311.	2.3	4
149	Estimation of uncertainty for sulfonated grafted low density polyethylene dosimeter using thermoluminescent dosimeter. Measurement: Journal of the International Measurement Confederation, 2014, 47, 22-25.	2.5	3
150	Some Physical Properties of Tellurite Glasses. , 2018, , 1-16.		3
151	Experimental and theoretical electrothermal switching mechanism of Ag2O- TeO2- V2O5 glasses. Ceramics International, 2019, 45, 23364-23369.	2.3	3
152	Optical, gamma ray, and neutron-shielding properties of TeO2â€“WO3â€“Bi2O3 glasses. Journal of Materials Science: Materials in Electronics, 2021, 32, 18837-18848.	1.1	2
153	Polarizability and optical properties of TeO2â€“ZnO glass system doped with Nd2O3. Journal of Materials Science: Materials in Electronics, 2022, 33, 13493-13505.	1.1	2
154	Radiation Shielding Properties of Tellurite Glasses. , 2018, , 17-27.		1
155	Ultrasonic and Thermal properties of Bismuth borotellurite glasses doped with NdCl3. Egyptian Journal of Chemistry, 2018, .	0.1	0