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	Characterization of oxyfluorotellurite glasses with TeO2â€“Li2Oâ€“ZnOâ€“LiF composition. Ceramics International, 2022, 48, 4302-4311.	2.3	4
2	Nb2O5â€“TeO2 and Nb2O5â€“Li2Oâ€“TeO2 glasses: Evaluation of elastic properties. Journal of Non-Crystalline Solids, 2022, 575, 121229.	1.5	6
3	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
4	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
5	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
6	Fabrication and synthesis lithium borate glasses for gamma-ray dosimeter. Results in Optics, 2022, 8, 100234.	0.9	7
7	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
8	Synthesis, physical, optical, mechanical, and radiation attenuation properties of TiO2â€“Na2Oâ€“Bi2O3â€“B2O3 glasses. Ceramics International, 2021, 47, 185-204.	2.3	55
9	Physical, thermal, optical, structural and nuclear radiation shielding properties of Sm2O3 reinforced borotellurite glasses. Ceramics International, 2021, 47, 6154-6168.	2.3	35
10	Refractive index behavior of tellurite glasses. Optical Materials, 2021, 112, 110810.	1.7	8
11	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
12	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
13	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
14	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
15	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
16	Synthesis, physical, optical properties and gamma-ray shielding parameters of some tellurite glasses. Optik, 2021, 242, 167171.	1.4	11
17	Optical and gamma-ray shielding features of Nd3+ doped lithium-zinc-borophosphate glasses. Optik, 2021, 242, 167059.	1.4	15
18	New shielding ZnO-PbO-TeO2 glasses. Optik, 2021, 243, 167483.	1.4	8

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19	Experimental and theoretical elastic moduli of sodiumâ€“zincâ€“tellurite glasses. Optik, 2021, 243, 167330.	1.4	4
20	Physical and mechanical investigations for bismuth tungsten tellurite glasses. Journal of Alloys and Compounds, 2021, 883, 160802.	2.8	6
21	Optical performance of neodymium nanoparticles doped tellurite glasses. Physica B: Condensed Matter, 2020, 577, 411784.	1.3	24
22	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
23	Influence of Bi2O3/PbO on nuclear shielding characteristics of lead-zinc-tellurite glasses. Physica B: Condensed Matter, 2020, 581, 411946.	1.3	121
24	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
25	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
26	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
27	SnO-reinforced silicate glasses and utilization in gamma-radiation-shielding applications. Emerging Materials Research, 2020, 9, 1000-1008.	0.4	67
28	Assessment of gamma-ray attenuation features for La+3 co-doped zinc borotellurite glasses. Radiation Physics and Chemistry, 2020, 176, 109069.	1.4	31
29	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
30	Role of silver/titania nanoparticles on optical features of Sm3+ doped sulfophosphate glass. Optical Materials, 2020, 105, 109922.	1.7	13
31	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
32	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
33	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
34	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
35	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
36	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

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37	Effect of Gd3+ on optical and thermal properties of tellurite glass. Journal of Theoretical and Applied Physics, 2020, 14, 137-147.	1.4	6
38	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
39	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
40	Optical properties and nuclear radiation shielding capacity of TeO2-Li2O-ZnO glasses. Optical Materials, 2020, 106, 109988.	1.7	57
41	Optical properties of bismuth borotellurite glasses doped with NdCl3. Journal of Molecular Structure, 2019, 1175, 504-511.	1.8	62
42	Experimental and theoretical electrothermal switching mechanism of Ag2O- TeO2- V2O5 glasses. Ceramics International, 2019, 45, 23364-23369.	2.3	3
43	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
44	Optical and Electrical Properties of Lead Borate Glasses. Journal of Electronic Materials, 2019, 48, 5624-5631.	1.0	26
45	Effect of lithium addition on Te4+ emission in TeO2-Li2O glasses. Journal of Non-Crystalline Solids, 2019, 524, 119609.	1.5	11
46	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
47	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
48	Non-isothermal crystallization of TeO2-Na2O-TiO2 glasses. Journal of Non-Crystalline Solids, 2019, 524, 119655.	1.5	9
49	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
50	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
51	Upconversion properties of erbium nanoparticles doped tellurite glasses for high efficient laser glass. Optics Communications, 2019, 448, 82-88.	1.0	31
52	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
53	Synthesis and green luminescence of low cost Er2O3 doped zinc silicate glass-ceramics as laser materials. Optik, 2019, 184, 480-484.	1.4	12
54	Thermal and optical properties of lithium-zinc-tellurite glasses. Materials Chemistry and Physics, 2019, 231, 150-158.	2.0	21

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55	Structural, UV and shielding properties of ZBPC glasses. Journal of Non-Crystalline Solids, 2019, 509, 99-105.	1.5	89
56	Optical and thermal properties of TeO₂â€“B₂O₃â€“Gd₂O₃ glass systems. Materials Science-Poland, 2019, 37, 517-525.	0.4	10
57	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
58	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
59	Comparative shielding properties of some tellurite glasses: Part 1. Physica B: Condensed Matter, 2018, 539, 133-140.	1.3	86
60	Effect of PbO on optical properties of tellurite glass. Results in Physics, 2018, 8, 16-25.	2.0	82
61	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
62	Optical properties and gamma-shielding features of bismuth borate glasses. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	1.1	106
63	Elastic moduli of TeO2â€“PbO glass system. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	1.1	8
64	Some Physical Properties of Tellurite Glasses. , 2018, , 1-16.		3
65	Radiation Shielding Properties of Tellurite Glasses. , 2018, , 17-27.		1
66	Optical properties of zinc lead tellurite glasses. Results in Physics, 2018, 9, 1371-1376.	2.0	91
67	Magnetic Properties of Some Tellurite Glasses. Journal of Superconductivity and Novel Magnetism, 2018, 31, 3079-3084.	0.8	6
68	Tellurite Glass Smart Materials. , 2018, , .		27
69	Simulation of radiation shielding properties of glasses contain PbO. Radiation Physics and Chemistry, 2018, 151, 239-252.	1.4	104
70	Ultrasonic and Thermal properties of Bismuth borotellurite glasses doped with NdCl3. Egyptian Journal of Chemistry, 2018, .	0.1	0
71	FTIR and UV spectra of pentaternary borate glasses. Measurement: Journal of the International Measurement Confederation, 2017, 105, 72-77.	2.5	90
72	Introduction to Tellurite Glasses. Springer Series in Materials Science, 2017, , 1-13.	0.4	7

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73	Shielding properties of (100-x)TeO 2 â€“(x)MoO 3 glasses. Materials Chemistry and Physics, 2017, 201, 50-56.	2.0	93
74	Comparative shielding properties of some tellurite glasses: Part 2. Journal of Non-Crystalline Solids, 2017, 474, 16-23.	1.5	113
75	Optical properties and crystallization of bismuth boro-tellurite glasses. Journal of Non-Crystalline Solids, 2017, 476, 15-24.	1.5	44
76	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
77	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
78	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
79	Mechanical and thermal properties of TeO2â€“Bi2O3â€“V2O5â€“Na2Oâ€“TiO2 glass system. Ceramics International, 2016, 42, 19218-19224.	2.3	59
80	Optical Properties of Erbium Zinc Tellurite Glass System. Advances in Materials Science and Engineering, 2015, 2015, 1-5.	1.0	9
81	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
82	Mechanical relaxation of some tellurovanadate glasses. Journal of Non-Crystalline Solids, 2015, 417-418, 28-33.	1.5	17
83	Elastic properties of quaternaryTeO2â€“ZnOâ€“Nb2O5â€“Gd2O3 glasses. Ceramics International, 2015, 41, 9862-9866.	2.3	16
84	Optical and kinetics parameters of lithium boro-tellurite glasses. Ceramics International, 2015, 41, 3561-3567.	2.3	22
85	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
86	Simulation of acoustic properties of some tellurite glasses. Ceramics International, 2014, 40, 7389-7394.	2.3	8
87	Evaluation of optical parameters of some tellurite glasses. Optik, 2014, 125, 6344-6346.	1.4	13
88	Optical Properties of quaternary TeO2â€“ZnOâ€“Nb2O5â€“Gd2O3 glasses. Ceramics International, 2014, 40, 14477-14481.	2.3	92
89	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
90	Thermal properties of quaternary TeO2â€“ZnOâ€“Nb2O5â€“Gd2O3 glasses. Ceramics International, 2014, 40, 11985-11994.	2.3	33

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91	Thermal properties and crosslinking of binary TeO2â€“Nb2O5 and TeO2â€“WO3 glasses. Journal of Non-Crystalline Solids, 2013, 379, 177-179.	1.5	15
92	Elastic moduli and crosslinking of some tellurite glass systems. Materials Chemistry and Physics, 2013, 143, 11-14.	2.0	27
93	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
94	Silicon solar cells as a gamma ray dosimeter. Measurement: Journal of the International Measurement Confederation, 2013, 46, 3635-3639.	2.5	21
95	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
96	Improving dosimetric properties of tellurite glasses. Physica B: Condensed Matter, 2012, 407, 3580-3585.	1.3	19
97	Infrared transmission of chalcohalide glasses in the Geâ€“Seâ€“Teâ€“I system. Infrared Physics and Technology, 2012, 55, 256-262.	1.3	4
98	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
99	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
100	Volume and thermal studies for tellurite glasses. Journal of Materials Science, 2010, 45, 871-887.	1.7	26
101	Preparation and structural studies in the (70Ââ^Âx)TeO2â€“20WO3â€“10Li2Oâ€“xLn2O3 glasses. Journal of Materials Science, 2010, 45, 897-905.	1.7	85
102	On the origin of electrical relaxation in tellurite glasses. Solid State Ionics, 2010, 181, 1103-1110.	1.3	5
103	Relaxation phenomena in tellurite glasses. Journal of Applied Physics, 2010, 107, .	1.1	12
104	Absorption and Emission Analysis of RE³⁺(Sm³⁺ and) Tj ETQq0 0 0 rgBT /Overlock 10 T Nanotechnology, 2009, 9, 3672-3677.	0.9	67
105	DC conductivity of silver vanadium tellurite glasses. Journal of Physics and Chemistry of Solids, 2009, 70, 224-233.	1.9	74
106	Thermal properties of multicomponent tellurite glass. Journal of Materials Science, 2008, 43, 5131-5138.	1.7	72
107	New tellurite glass: Optical properties. Materials Chemistry and Physics, 2008, 109, 291-296.	2.0	184
108	Ultrasonic studies of (TeO2)50â€“(V2O5)50â^'x(TiO2)x glasses. Materials Chemistry and Physics, 2006, 95, 321-327.	2.0	94

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109	New oxyfluoroniobate glasses. Journal of Non-Crystalline Solids, 2005, 351, 818-825.	1.5	25
110	Study of luminescence properties of Er3+-ions in new tellurite glasses. Optical Materials, 2004, 26, 267-270.	1.7	81
111	Glass transformation temperature and stability of tellurite glasses. Journal of Materials Research, 2003, 18, 402-406.	1.2	17
112	UV-IR spectra of new tellurite glasses. EPJ Applied Physics, 2002, 19, 165-172.	0.3	12
113	Relaxation of longitudinal ultrasonic waves in some tellurite glasses. Materials Chemistry and Physics, 2002, 74, 222-229.	2.0	55
114	Thermal properties of new molybdenum oxyfluoride glasses. Journal of Materials Science, 2002, 37, 3291-3297.	1.7	14
115	Electrical Conductivity of Silver Vanadium Tellurite Glasses. Journal of the American Ceramic Society, 2002, 85, 2655-2659.	1.9	55
116	Specific Heat Capacity of Semiconducting Glasses: Binary Vanadium Tellurite. Physica Status Solidi A, 2000, 177, 439-444.	1.7	59
117	Structural Interpretations on tellurite glasses. Materials Chemistry and Physics, 2000, 63, 109-115.	2.0	64
118	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
119	Elastic moduli of tricomponent tellurite glasses TeO2-V2O5-Ag2O. Journal of Materials Science Letters, 2000, 19, 409-411.	0.5	53
120	Infrared and Raman spectra of new molybdenum and tungsten oxyfluoride glasses. Journal of Materials Science, 1999, 34, 5163-5168.	1.7	58
121	Tellurite glasses. Materials Chemistry and Physics, 1999, 60, 103-131.	2.0	55
122	Tellurite glasses Part 1. Elastic properties. Materials Chemistry and Physics, 1998, 53, 93-120.	2.0	118
123	Radiation effect on the ultrasonic attenuation and internal friction of tellurite glasses. Materials Chemistry and Physics, 1998, 52, 161-165.	2.0	45
124	Comparison between the Elastic Moduli of Tellurite and Phosphate Glasses. Physica Status Solidi A, 1998, 166, 829-834.	1.7	57
125	Ultrasonic studies of (TeO2)1-x-(V2O5)x glasses. Journal of Non-Crystalline Solids, 1997, 215, 75-82.	1.5	101
126	Ultrasonic Attenuation at Low Temperature of TeO2â€“V2O5 Glasses. Physica Status Solidi A, 1997, 159, 397-404.	1.7	51

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127	Calorimetric Study on Tellurite Glasses. Physica Status Solidi A, 1997, 163, 377-386.	1.7	20
128	Dielectric properties and polarizability of molybdenum tellurite glasses. Journal of Materials Science, 1996, 31, 6339-6343.	1.7	52
129	Elastic modulus of tellurite glasses. Journal of Materials Science Letters, 1996, 15, 2065-2067.	0.5	48
130	Devitrification and vitrification of tellurite glasses. Journal of Materials Science: Materials in Electronics, 1995, 6, 1.	1.1	49
131	A.c. conductivity of tellurite glasses. Materials Chemistry and Physics, 1995, 40, 163-167.	2.0	38
132	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
133	Some physical properties of new oxyfluoride glasses. Journal of Non-Crystalline Solids, 1995, 184, 141-146.	1.5	18
134	Thermoluminescence dosimetry of rare-earth doped tellurite phosphate glasses. Materials Chemistry and Physics, 1994, 36, 365-370.	2.0	17
135	Ultrasonic attenuation of tellurite glasses. Materials Chemistry and Physics, 1994, 37, 197-200.	2.0	53
136	Elastic constants of semiconducting tellurite glasses. Materials Chemistry and Physics, 1994, 37, 295-298.	2.0	56
137	Theoretical analysis of the electrical properties of tellurite glasses. Materials Chemistry and Physics, 1994, 37, 376-381.	2.0	17
138	Theoretical analysis of ultrasonic wave attenuation and elastic moduli of tellurite glasses. Materials Chemistry and Physics, 1994, 39, 161-165.	2.0	17
139	dc electrical conductivity of tellurite phosphate glasses. Journal of Applied Physics, 1993, 73, 75-77.	1.1	12
140	Network structure of tellurite phosphate glasses: Optical absorption and infrared spectra. Journal of Applied Physics, 1993, 73, 71-74.	1.1	57
141	Longitudinal elastic constants of tellurite glasses. Journal of Applied Physics, 1993, 73, 4878-4880.	1.1	64
142	The optical properties of tellurite glasses. Journal of Applied Physics, 1992, 72, 1774-1777.	1.1	165
143	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
144	Ultrasonic Detection of Microphase Separation in Tellurite Glasses. Physica Status Solidi A, 1992, 133, 245-251.	1.7	10

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145	Debye temperature of tellurite glasses. Physica Status Solidi A, 1992, 130, 103-108.	1.7	12
146	Structural and vibrational investigations of thermal properties of tellurite glasses. Journal of Materials Research, 1992, 7, 224-228.	1.2	56
147	Quantitative analysis of elastic moduli of tellurite glasses. Journal of Materials Research, 1990, 5, 2218-2222.	1.2	62
148	Theoretical and experimental IR spectra of binary rare earth tellurite glassesâ€”1. Infrared Physics, 1989, 29, 781-785.	0.5	94
149	Elastic properties of binary, ternary and quaternary rare earth tellurite glasses. Journal of Materials Science Letters, 1988, 7, 870-874.	0.5	56
150	The electrical conductivity of pure and binary TeO2 glasses. Journal of Non-Crystalline Solids, 1987, 94, 307-314.	1.5	59
151	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
152	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
153	A study of optical absorption in tellurite and tungsten-tellurite glasses. Journal of Materials Science, 1985, 20, 661-667.	1.7	88
154	The elastic behaviour of TeO2 glass under uniaxial and hydrostatic pressure. Journal of Non-Crystalline Solids, 1984, 69, 117-133.	1.5	177
155	Preparation and Characterization of Binary Oxy-Halide Tellurite Glasses. Materials Science Forum, 0, 67-68, 149-154.	0.3	7