Tomas Wagner

List of Publications by Year
in descending order

135	2,497	218677	265206
papers	citations	26 h-index	42 g-index

138	138	138	1583
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Deep red upconversion photoluminescence in Er³⁺â€doped Yb₃Ga₅O₁₂ nanocrystalline garnet. Journal of the American Ceramic Society, 2022, 105, 3391-3402.	3.8	5
2	Effects of Grain Boundaries on THz Conductivity in the Crystalline States of Ge₂Sb₂Te₅ Phaseâ€Change Materials: Correlation with DC Loss. Physica Status Solidi - Rapid Research Letters, 2021, 15, 2000411.	2.4	4
3	Metal-Doped Chalcogenides. , 2021, , 593-649.		0
4	Local- and Intermediate-Range Atomic Order in Ga2Ge3Se9 Glass: Complementary Use of X-Rays and Neutrons. , 2021, , .		1
5	A layered Ge₂Sb₂Te₅phase change material. Nanoscale, 2020, 12, 3351-3358.	5.6	5
6	2D metallic tungsten material. Applied Surface Science, 2020, 530, 147231.	6.1	4
7	Laser Desorption Ionization Time-of-Flight Mass Spectrometry of Silver-Doped (GeS₂)₅₀(Sb₂S₃)₅₀ Chalcogenide Glasses. ACS Omega, 2020, 5, 28965-28971.	3.5	1
8	2D GeSe₂ amorphous monolayer. Pure and Applied Chemistry, 2019, 91, 1787-1796.	1.9	5
9	Impedance spectroscopy data of Agx(Ge16Sb12Se72)100-x chalcogenide glasses. Data in Brief, 2019, 22, 1052-1056.	1.0	2
10	1.5 Î¼m photoluminescence and upconversion photoluminescence in GeGaAsS:Er chalcogenide glass. Pure and Applied Chemistry, 2019, 91, 1757-1767.	1.9	4
11	13th Conference on Solid State Chemistry (SSC-2018). Pure and Applied Chemistry, 2019, 91, 1719-1720.	1.9	0
12	Percolation behavior of Ag in Ge16Sb12Se72 glassy matrix and its impact on corresponding ionic conductivity. Journal of Alloys and Compounds, 2019, 782, 375-383.	5.5	10
13	The mechanism of filament formation in Ag doped Geâ€“Se resistive switching cell. Journal of Materials Science: Materials in Electronics, 2019, 30, 2459-2463.	2.2	2
14	Bismuth Oxychloride Nanoplatelets by Breakdown Anodization. ChemElectroChem, 2019, 6, 336-341.	3.4	6
15	Controlling Selective Doping and Energy Transfer between Transition Metal and Rare Earth Ions in Nanostructured Glassy Solids. Advanced Optical Materials, 2018, 6, 1701407.	7.3	64
16	Multilevel resistive switching in Cu and Ag doped CBRAM device. Journal of Materials Science: Materials in Electronics, 2018, 29, 16836-16841.	2.2	5
17	How silver influences the structure and physical properties of chalcogenide glass (GeS2)50(Sb2S3)50. Journal of Non-Crystalline Solids, 2018, 499, 412-419.	3.1	11
18	1.2ÂÂµm and 1.5ÂÂµm near-infrared photoluminescence and visible upconversion photoluminescence in GeGaS:Er3+/Ho3+ glasses under 980Ânm excitation. Journal of Materials Science: Materials in Electronics, 2018, 29, 17314-17322.	2.2	4

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19	Preferred location for conducting filament formation in thin-film nano-ionic electrolyte: study of microstructure by atom-probe tomography. Journal of Materials Science: Materials in Electronics, 2017, 28, 6846-6851.	2.2	3
20	Physico-chemical and optical properties of Er³⁺-doped and Er³⁺/Yb³⁺-co-doped Ge₂₅Ga_{9.5}Sb_{0.5}S₆₅ chalcogenide glass. Pure and Applied Chemistry, 2017, 89, 429-436.	1.9	7
21	Quadrature frequency resolved spectroscopy of upconversion photoluminescence in GeGaS:Er3+: I. Determination of energy transfer upconversion parameter. Journal of Materials Science: Materials in Electronics, 2017, 28, 7053-7063.	2.2	8
22	Quadrature frequency resolved spectroscopy of upconversion photoluminescence in GeGaS:Er3+; II. elucidating excitation mechanisms of red emission besides green emission. Journal of Materials Science: Materials in Electronics, 2017, 28, 7077-7082.	2.2	6
23	In-situ study of athermal reversible photocrystallization in a chalcogenide glass. Journal of Applied Physics, 2017, 122, .	2.5	6
24	Solution-processed Er3+-doped As3S7 chalcogenide films: optical properties and 1.5 Î¼m photoluminescence activated by thermal treatment. Journal of Materials Chemistry C, 2017, 5, 8489-8497.	5.5	10
25	Amorphous and Glassy Semiconducting Chalcogenides. , 2016, , .		1
26	Thermokinetic behaviour of Ag-doped (GeS2)50(Sb2S3)50 glasses. Journal of Non-Crystalline Solids, 2016, 449, 12-19.	3.1	9
27	Kinetics of the persistent photocurrent in semiconductors: a case example for amorphous chalcogenides. Philosophical Magazine Letters, 2016, 96, 331-338.	1.2	4
28	Investigation of the resistive switching in AgxAsS2 layer by conductive AFM. Applied Surface Science, 2016, 382, 336-340.	6.1	17
29	Structural elucidation of AgAsS₂ glass by the analysis of clusters formed during laser desorption ionisation applying quadrupole ion trap timeâ€ofâ€flight mass spectrometry. Rapid Communications in Mass Spectrometry, 2016, 30, 594-602.	1.5	0
30	Ag filament and surface particle formation in Ag doped AsS 2 thin film. Materials Letters, 2016, 163, 4-7.	2.6	11
31	Penn gap rule in phase-change memory materials: No clear evidence for resonance bonds. APL Materials, 2015, 3, .	5.1	14
32	SnS and SnS₂thin films deposited using a spinâ€coating technique from intramolecularly coordinated organotin sulfides. Applied Organometallic Chemistry, 2015, 29, 176-180.	3.5	14
33	Dynamics of upconversion photoluminescence in Geâ€“Gaâ€“S: Er³⁺: application of quadrature frequency resolved spectroscopy. Philosophical Magazine Letters, 2015, 95, 466-473.	1.2	8
34	Ionic conductivity study of LiI-Ga2S3-GeS2 chalcogenide glasses using a random-walk approach. Pure and Applied Chemistry, 2015, 87, 249-259.	1.9	7
35	Crystalline and Amorphous Chalcogenides, High-Tech Materials with Structural Disorder and Many Important Applications. NATO Science for Peace and Security Series C: Environmental Security, 2015, , 151-238.	0.2	9
36	Multifractal analysis of dropâ€casted copper (II) tetrasulfophthalocyanine film surfaces on the indium tin oxide substrates. Surface and Interface Analysis, 2014, 46, 393-398.	1.8	46

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37	Structure, electronic, and vibrational properties of amorphous<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mtext>AsS</mml:mtext><mml:mn>2</mml:mn></mml:msub> xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mtext>Ag</mml:mtext><mml:msub><mml:mtext>AsS</mml:mtext><mml:mm Experimentally constrained density functional study. Physical Review B, 2014, 89, .	3.7	18
38	Mid-infrared integrated optics: versatile hot embossing of mid-infrared glasses for on-chip planar waveguides for molecular sensing. Optical Engineering, 2014, 53, 071824.	1.0	18
39	The dynamics of photoinduced defect creation in amorphous chalcogenides: The origin of the stretched exponential function. Journal of Applied Physics, 2014, 115, .	2.5	12
40	Quantitative impedance analysis of solid ionic conductors: Effects of electrode polarization. Journal of Applied Physics, 2014, 115, .	2.5	19
41	Multifractal characterization of water soluble copper phthalocyanine based films surfaces. Electronic Materials Letters, 2014, 10, 719-730.	2.2	46
42	Down-scaling of resistive switching to nanoscale using porous anodic alumina membranes. Journal of Materials Chemistry C, 2014, 2, 349-355.	5.5	46
43	Characterization of mechanically synthesized AgInSe₂ nanostructures. Canadian Journal of Physics, 2014, 92, 789-796.	1.1	22
44	Origin of non-drude conductivity in the THz spectra of nanogranular semiconductors. , 2014, , .		0
45	Evaluation of impedance spectra of ionic-transport materials by a random-walk approach considering electrode and bulk response. Journal of Applied Physics, 2013, 113, 143705.	2.5	15
46	Influence of thermal history on the photostructural changes in glassy As15S85 studied by Raman scattering and ab initio calculations. Journal of Applied Physics, 2013, 114, .	2.5	4
47	Large-area inverse opal structures in a bulk chalcogenide glass by spin-coating and thin-film transfer. Optical Materials, 2013, 36, 390-395.	3.6	10
48	Reversible Amorphousâ€toâ€Amorphous Transitions in Chalcogenide Films: Correlating Changes in Structure and Optical Properties. Advanced Functional Materials, 2013, 23, 2052-2059.	14.9	20
49	Origin of power-law composition dependence in ionic transport glasses. Journal of Applied Physics, 2013, 113, .	2.5	7
50	Terahertz and direct current losses and the origin of non-Drude terahertz conductivity in the crystalline states of phase change materials. Journal of Applied Physics, 2013, 114, 233105.	2.5	10
51	THz photoconductivity in aâ€Si:H. Physica Status Solidi (B): Basic Research, 2013, 250, 1004-1007.	1.5	4
52	Structure, electronic, and vibrational properties of glassy Ga<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>11</mml:mn></mml:msub></mml:math>Ge<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>11</mml:mn></mml:msub></mml:math>Te<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:	3.2	41
53	Up-Conversion in Er3+-Doped Ge25Ga5Sb5S65 Chalcogenide Glass for Enhancement of Silicon Solar Cell Efficiency. , 2012, , .		0
54	Solid-state field-assisted silver diffusion in (TeO2)0.6(WO3)0.25(La2O3)0.05(Na2O)0.1 glass. Inorganic Materials, 2012, 48, 642-647.	0.8	1

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55	Structural study of AsS2â€“Ag glasses over a wide concentration range. Journal of Non-Crystalline Solids, 2011, 357, 3430-3434.	3.1	14
56	Amorphous and Glassy Semiconducting Chalcogenides. , 2011, , 206-261.		19
57	Phase Separation in Chalcogenide Glasses: The System <scp>AgAsSSe</scp>. International Journal of Applied Glass Science, 2011, 2, 301-307.	2.0	19
58	Nanoindentation and Raman studies of phase-separated Ag-As-S glasses. Applied Physics Letters, 2011, 99, 171911.	3.3	9
59	Laser ablation of ternary As-S-Se glasses and time-of-flight mass spectrometric study. Rapid Communications in Mass Spectrometry, 2010, 24, 95-102.	1.5	20
60	1D-photonic crystals prepared from the amorphous chalcogenide films. Journal of Materials Science: Materials in Electronics, 2009, 20, 346-350.	2.2	9
61	On the atomic structure of thin amorphous Geâ€“Sbâ€“Te films. Physica Status Solidi (B): Basic Research, 2009, 246, 1871-1874.	1.5	9
62	Optical properties of conductive ZnO films near infrared frequency. Physica Status Solidi C: Current Topics in Solid State Physics, 2009, 6, S110.	0.8	2
63	On angle resolved RF magnetron sputtering of Geâ€“Sbâ€“Te thin films. Journal of Non-Crystalline Solids, 2009, 355, 1935-1938.	3.1	4
64	Study of microstructure in Agx(As0.33Se0.67)100â^'x chalcogenide glasses. Journal of Non-Crystalline Solids, 2009, 355, 2054-2058.	3.1	6
65	Effect of silver doping on the structure and phase separation of sulfur-rich Asâ€“S glasses: Raman and SEM studies. Journal of Non-Crystalline Solids, 2009, 355, 2010-2014.	3.1	43
66	Optical and structural properties of Geâ€“Se bulk glasses and Agâ€“Geâ€“Se thin films. Journal of Non-Crystalline Solids, 2009, 355, 1951-1954.	3.1	31
67	Structure, electrical, optical and thermal properties of Ge4Sb4Te (x= 8, 9 and 10) thin films. Journal of Non-Crystalline Solids, 2009, 355, 1998-2002.	3.1	10
68	Nanocolloidal Solutions of Asâ€“S Glasses and their Relation to the Surface Morphology of Spin-Coated Amorphous Films. NATO Science for Peace and Security Series B: Physics and Biophysics, 2009, , 361-364.	0.3	0
69	Conductivity and permittivity study on silver and silver halide doped GeS2â€“Ga2S3 glassy system. Solid State Ionics, 2008, 179, 1867-1875.	2.7	19
70	Optical properties and phase change transition in Ge2Sb2Te5 flash evaporated thin films studied by temperature dependent spectroscopic ellipsometry. Journal of Applied Physics, 2008, 104, .	2.5	84
71	Optical properties of amorphous (As0.33S0.67)100â^'xTex (x=0, 1, 5 and 10) chalcogenide thin films, photodoped step-by-step with silver. Journal of Non-Crystalline Solids, 2008, 354, 503-508.	3.1	56
72	Multilayer planar structures prepared from chalcogenide thin films of Asâ€“Se and Geâ€“Se systems and polymer thin films using thermal evaporation and spin-coating techniques. Journal of Non-Crystalline Solids, 2008, 354, 529-532.	3.1	11

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73	Selective dissolution of Ag (As0.33S0.67â^'Se)100â^' chalcogenide thin films. Journal of Non-Crystalline Solids, 2008, 354, 533-539.	3.1	10
74	Thermal and optical properties of AgSbS2 thin films prepared by pulsed laser deposition (PLD). Journal of Non-Crystalline Solids, 2008, 354, 497-502.	3.1	41
75	Characterization of RF magnetron sputtered Se-doped Ge2Sb2.3Te5 thin films. Materials Research Society Symposia Proceedings, 2008, 1072, 1.	0.1	0
76	Soft x-ray induced Ag diffusion in amorphous pulse laser deposited As50Se50 thin films: An x-ray photoelectron and secondary ion mass spectroscopy study. Journal of Applied Physics, 2008, 104, 043704.	2.5	7
77	Effect of cluster size of chalcogenide glass nanocolloidal solutions on the surface morphology of spin-coated amorphous films. Journal of Applied Physics, 2008, 103, .	2.5	54
78	Optical properties of As33S67â^'xSex bulk glasses studied by spectroscopic ellipsometry. Journal of Applied Physics, 2008, 103, .	2.5	24
79	Surface morphology of spin-coated Asâ€"Sâ€"Se chalcogenide thin films. Journal of Non-Crystalline Solids, 2007, 353, 1437-1440.	3.1	27
80	Selective wet-etching and characterization of chalcogenide thin films in inorganic alkaline solutions. Journal of Non-Crystalline Solids, 2007, 353, 1441-1445.	3.1	22
81	Properties and structure of Agx(As0.33S0.67)100â^'x bulk glasses. Journal of Non-Crystalline Solids, 2007, 353, 1232-1237.	3.1	21
82	Influence of silver concentration in Agx(Sb0.33S0.67)100â^'x thin amorphous films on photoinduced crystallization. Journal of Non-Crystalline Solids, 2007, 353, 1431-1436.	3.1	7
83	Preparation and optical dispersion and absorption of Ag-photodoped Ge_xSb_{40â^'x}S₆₀(x= 10, 20 and 30) chalcogenide glass thin films. Journal Physics D: Applied Physics, 2007, 40, 5351-5357.	2.8	24
84	Electric properties and structure of Agx(As0.33S0.335Se0.335)100â^'x bulk glasses. Journal of Physics and Chemistry of Solids, 2007, 68, 958-962.	4.0	17
85	Electromagnetic field distribution modelling in microlenses fabrication process. Journal of Physics and Chemistry of Solids, 2007, 68, 887-890.	4.0	0
86	On RF magnetron-sputtering preparation of Agâ€"Sbâ€"S thin films. Journal of Physics and Chemistry of Solids, 2007, 68, 835-840.	4.0	17
87	Selective wet-etching of amorphous/crystallized Agâ€"Asâ€"S and Agâ€"Asâ€"Sâ€"Se chalcogenide thin films. Journal of Physics and Chemistry of Solids, 2007, 68, 1008-1013.	4.0	12
88	Optical properties of silver containing Asâ€"Sâ€"Se thin films. Journal of Materials Science: Materials in Electronics, 2007, 18, 47-50.	2.2	3
89	Phase change memory materialsâ€"composition, structure, and properties. Journal of Materials Science: Materials in Electronics, 2007, 18, 169-174.	2.2	22
90	Properties and structure of Ag x (As0.33S0.335Se0.335)100â^'x bulk glasses. Journal of Materials Science: Materials in Electronics, 2007, 18, 213-216.	2.2	1

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91	The comparison of Agâ€“As33S67 films prepared by thermal evaporation (TE), spin-coating (SC) and a pulsed laser deposition (PLD). Journal of Physics and Chemistry of Solids, 2007, 68, 953-957.	4.0	24
92	Spin-coated As33S67â^'xSex thin films: the effect of annealing on structure and optical properties. Journal of Non-Crystalline Solids, 2006, 352, 1563-1566.	3.1	25
93	Selective wet-etching of undoped and silver photodoped amorphous thin films of chalcogenide glasses in inorganic alkaline solutions. Journal of Non-Crystalline Solids, 2006, 352, 1637-1640.	3.1	24
94	Optically induced crystallization in amorphous Agx(Sb0.33S0.67)100â^'x films. Journal of Non-Crystalline Solids, 2006, 352, 578-583.	3.1	4
95	Optical properties and structure of amorphous films Agx(As0.33S0.67â^'ySey)100â^'x. Journal of Non-Crystalline Solids, 2006, 352, 2662-2666.	3.1	28
96	RBS in situ studies of the kinetics of optically-induced diffusion of Ag in vacuum evaporated films with composition of As33S67. Nuclear Instruments & Methods in Physics Research B, 2006, 249, 352-354.	1.4	4
97	Ag-Sb-S Thin Films Prepared by RF Magnetron Sputtering and Their Properties. Materials Research Society Symposia Proceedings, 2006, 918, 1.	0.1	6
98	Kinetics of optically-induced crystallization and structure of Agx(As0.48S0.26Se0.26)100-x chalcogenide films.. Materials Research Society Symposia Proceedings, 2006, 918, 3.	0.1	0
99	Photocalorimetric measurement of the heat flow during optically and thermally induced solid state reaction between Ag and As33S67 thin films. Thermochimica Acta, 2005, 432, 241-245.	2.7	4
100	Physico-chemical properties of spin-coated Agâ€“Asâ€“Sbâ€“S films. Journal of Non-Crystalline Solids, 2005, 351, 2205-2209.	3.1	9
101	Optically-induced darkening and crystallization in amorphous Agâ€“Sbâ€“S films. Journal of Non-Crystalline Solids, 2005, 351, 3556-3561.	3.1	6
102	Rutherford backscattering spectroscopy of amorphous films of Agâ€“Asâ€“S system prepared by spin-coating technique. Nuclear Instruments & Methods in Physics Research B, 2004, 219-220, 875-879.	1.4	3
103	Amorphous chalcogenide AgSbS2 films prepared by pulsed laser deposition. Applied Physics A: Materials Science and Processing, 2004, 79, 1561-1562.	2.3	22
104	AgAsS2 amorphous chalcogenide films prepared by pulsed laser deposition. Applied Physics A: Materials Science and Processing, 2004, 79, 1563-1565.	2.3	19
105	Characterization of Agï£¿Asï£¿S and Agï£¿Sbï£¿S amorphous films prepared by pulsed laser deposition. Surface and Interface Analysis, 2004, 36, 1140-1143.	1.8	9
106	Amorphous films of Agâ€“Asâ€“S system prepared by spin-coating technique, preparation techniques and films physico-chemical properties. Vacuum, 2004, 76, 191-194.	3.5	20
107	Rutherford backscatering spectroscopy of optically silver doped amorphous chalcogenides. European Physical Journal D, 2003, 53, A247-A256.	0.4	0
108	Kinetics of optically- and thermally-induced diffusion and dissolution of silver in spin-coated As 33 S 67 amorphous films; their properties and structure. Journal of Non-Crystalline Solids, 2003, 326-327, 233-237.	3.1	29

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109	Electrical conductivity of Ag x (As 40 Se 60) 100â^'x bulk glasses. Journal of Non-Crystalline Solids, 2003, 326-327, 159-164.	3.1	5
110	Agâ€“Sbâ€“S amorphous chalcogenide thin films prepared by optically induced dissolution and diffusion of silver. Journal of Non-Crystalline Solids, 2003, 326-327, 238-242.	3.1	12
111	Spin-coated Ag x (As 0.33 S 0.67) 100â^'x films: preparation and structure. Journal of Non-Crystalline Solids, 2003, 326-327, 165-169.	3.1	18
112	Holographic grating preparation in Ag/As 30 S 70 multilayer and bilayer structures. Journal of Non-Crystalline Solids, 2003, 326-327, 500-504.	3.1	26
113	Ag doped chalcogenide glasses and their applications. Current Opinion in Solid State and Materials Science, 2003, 7, 117-126.	11.5	246
114	The study of photo- and thermally-induced diffusion and dissolution of Ag in As30S70 amorphous films and its reaction products. Journal of Non-Crystalline Solids, 2002, 299-302, 1028-1032.	3.1	39
115	The tailoring of the composition of Agâ€“Asâ€“Se amorphous films using optically-induced solid state reaction between Ag and As30Se70 films. Solid State Sciences, 2001, 3, 497-501.	0.7	16
116	Changing the composition of Agâ€“Asâ€“S amorphous films using photo-induced solid state reaction. Journal of Non-Crystalline Solids, 2001, 284, 168-173.	3.1	10
117	The tailoring of the composition of Agâ€“Asâ€“S amorphous films using photo-induced solid state reaction between Ag and As30S70 films. Solid State Ionics, 2001, 141-142, 387-395.	2.7	29
118	The preparation of the Ag (As0.33S0.67)100â^' amorphous films by optically-induced solid state reaction and the films properties. Applied Surface Science, 2001, 175-176, 117-122.	6.1	19
119	Structure and imaging properties of As40S60â^'xSex glasses. Journal of Non-Crystalline Solids, 2000, 266-269, 964-968.	3.1	33
120	Photo-induced dissolution effect in Ag/As33S67 multilayer structures and its potential application. Journal of Non-Crystalline Solids, 2000, 266-269, 979-984.	3.1	32
121	Kinetics of the thermally and photoinduced solid state reaction of Ag with As33S67 films. Journal of Applied Physics, 2000, 87, 7758-7767.	2.5	34
122	The kinetics of the photo-induced solid-state chemical reaction in Ag/As₃₃S₆₇bilayers and its reaction products. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1999, 79, 223-237.	0.6	28
123	Amorphous chalcogenide Se1â^'xâ^'y TexPy semiconducting alloys: thermal and mechanical properties. Journal of Materials Science, 1999, 34, 3779-3787.	3.7	52
124	The kinetics of the photo-induced solid-state chemical reaction in Ag/As33S67 bilayers and its reaction products. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1999, 79, 223-237.	0.6	3
125	Title is missing!. Journal of Materials Science Letters, 1998, 17, 1809-1811.	0.5	9
126	Title is missing!. Journal of Materials Science, 1998, 33, 5581-5588.	3.7	44

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127	Optical characterization of thermally evaporated thin films of As 40 S 40 Se 20 chalcogenide glass by reflectance measurements. Applied Physics A: Materials Science and Processing, 1998, 67, 371-378.	2.3	24
128	High efficiency diffraction gratings in Asâ€“S layers. Journal of Non-Crystalline Solids, 1998, 227-230, 743-747.	3.1	17
129	Glass transformation, heat capacity, and structure of Ge_xSe_{100â^'x} glasses studied by temperature-modulated differential scanning calorimetry experiments. Journal of Materials Research, 1997, 12, 1892-1899.	2.6	25
130	Rutherford backscattering and kinetics study of the photo-induced solid state chemical reaction between silver and amorphous As33S67 layers. Journal of Non-Crystalline Solids, 1997, 212, 157-165.	3.1	17
131	Title is missing!. Journal of Materials Science, 1997, 32, 5889-5893.	3.7	9
132	Glass transformation, heat capacity and structure of AS_xSe_{1â^'x}glasses studied by modulated temperature differential scanning calorimetry experiments. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1996, 74, 667-680.	0.6	68
133	Index of refraction of Ag-doped As₃₃S₆₇ films: Measurement and analysis of dispersion. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1995, 71, 311-318.	0.6	54
134	Kinetics and reaction products of the photo-induced solid state chemical reaction between silver and amorphous As33S67 layers. Journal of Non-Crystalline Solids, 1993, 164-166, 1255-1258.	3.1	24
135	Photoenhanced dissolution and lateral diffusion of Ag in amorphous Asî—¸S layers. Journal of Non-Crystalline Solids, 1991, 128, 197-207.	3.1	61