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	Ag doped chalcogenide glasses and their applications. Current Opinion in Solid State and Materials Science, 2003, 7, 117-126.	11.5	246
2	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
3	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
4	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
5	Photoenhanced dissolution and lateral diffusion of Ag in amorphous Asî—¸S layers. Journal of Non-Crystalline Solids, 1991, 128, 197-207.	3.1	61
6	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
7	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
8	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
9	Amorphous chalcogenide Se1â^'xâ^'y TexPy semiconducting alloys: thermal and mechanical properties. Journal of Materials Science, 1999, 34, 3779-3787.	3.7	52
10	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
11	Multifractal characterization of water soluble copper phthalocyanine based films surfaces. Electronic Materials Letters, 2014, 10, 719-730.	2.2	46
12	Down-scaling of resistive switching to nanoscale using porous anodic alumina membranes. Journal of Materials Chemistry C, 2014, 2, 349-355.	5.5	46
13	Title is missing!. Journal of Materials Science, 1998, 33, 5581-5588.	3.7	44
14	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
15	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
16	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:mml:	3.2	41
17	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
18	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

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19	Structure and imaging properties of As40S60â^'xSex glasses. Journal of Non-Crystalline Solids, 2000, 266-269, 964-968.	3.1	33
20	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
21	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
22	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
23	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
24	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
25	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
26	Surface morphology of spin-coated Asâ€"Sâ€"Se chalcogenide thin films. Journal of Non-Crystalline Solids, 2007, 353, 1437-1440.	3.1	27
27	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
28	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
29	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
30	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
31	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
32	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
33	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
34	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
35	Optical properties of As33S67â^'xSex bulk glasses studied by spectroscopic ellipsometry. Journal of Applied Physics, 2008, 103, .	2.5	24
36	Amorphous chalcogenide AgSbS2 films prepared by pulsed laser deposition. Applied Physics A: Materials Science and Processing, 2004, 79, 1561-1562.	2.3	22

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37	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
38	Phase change memory materialsâ€“composition, structure, and properties. Journal of Materials Science: Materials in Electronics, 2007, 18, 169-174.	2.2	22
39	Characterization of mechanically synthesized AgInSe₂ nanostructures. Canadian Journal of Physics, 2014, 92, 789-796.	1.1	22
40	Properties and structure of Agx(As0.33S0.67)100â^'x bulk glasses. Journal of Non-Crystalline Solids, 2007, 353, 1232-1237.	3.1	21
41	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
42	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
43	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
44	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
45	AgAsS2 amorphous chalcogenide films prepared by pulsed laser deposition. Applied Physics A: Materials Science and Processing, 2004, 79, 1563-1565.	2.3	19
46	Conductivity and permittivity study on silver and silver halide doped GeS2â€“Ga2S3 glassy system. Solid State Ionics, 2008, 179, 1867-1875.	2.7	19
47	Amorphous and Glassy Semiconducting Chalcogenides. , 2011, , 206-261.		19
48	Phase Separation in Chalcogenide Glasses: The System <scp>AgAsSSe</scp>. International Journal of Applied Glass Science, 2011, 2, 301-307.	2.0	19
49	Quantitative impedance analysis of solid ionic conductors: Effects of electrode polarization. Journal of Applied Physics, 2014, 115, .	2.5	19
50	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
51	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:ms xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mtext>Ag</mml:mtext><mml:msub><mml:mtext>AsS</mml:mtext><m Experimentally constrained density functional study. Physical Review B, 2014, 89, .	3.7	18
52	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
53	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
54	High efficiency diffraction gratings in Asâ€“S layers. Journal of Non-Crystalline Solids, 1998, 227-230, 743-747.	3.1	17

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55	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
56	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
57	Investigation of the resistive switching in AgxAsS2 layer by conductive AFM. Applied Surface Science, 2016, 382, 336-340.	6.1	17
58	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
59	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
60	Structural study of AsS2â€“Ag glasses over a wide concentration range. Journal of Non-Crystalline Solids, 2011, 357, 3430-3434.	3.1	14
61	Penn gap rule in phase-change memory materials: No clear evidence for resonance bonds. APL Materials, 2015, 3, .	5.1	14
62	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
63	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
64	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
65	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
66	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
67	Ag filament and surface particle formation in Ag doped AsS 2 thin film. Materials Letters, 2016, 163, 4-7.	2.6	11
68	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
69	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
70	Selective dissolution of Ag (As0.33S0.67â^'Se)100â^' chalcogenide thin films. Journal of Non-Crystalline Solids, 2008, 354, 533-539.	3.1	10
71	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
72	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

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73	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
74	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
75	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
76	Title is missing!. Journal of Materials Science, 1997, 32, 5889-5893.	3.7	9
77	Title is missing!. Journal of Materials Science Letters, 1998, 17, 1809-1811.	0.5	9
78	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
79	Physico-chemical properties of spin-coated Agâ€“Asâ€“Sbâ€“S films. Journal of Non-Crystalline Solids, 2005, 351, 2205-2209.	3.1	9
80	1D-photonic crystals prepared from the amorphous chalcogenide films. Journal of Materials Science: Materials in Electronics, 2009, 20, 346-350.	2.2	9
81	On the atomic structure of thin amorphous Geâ€“Sbâ€“Te films. Physica Status Solidi (B): Basic Research, 2009, 246, 1871-1874.	1.5	9
82	Nanoindentation and Raman studies of phase-separated Ag-As-S glasses. Applied Physics Letters, 2011, 99, 171911.	3.3	9
83	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
84	Thermokinetic behaviour of Ag-doped (GeS2)50(Sb2S3)50 glasses. Journal of Non-Crystalline Solids, 2016, 449, 12-19.	3.1	9
85	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
86	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
87	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
88	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
89	Origin of power-law composition dependence in ionic transport glasses. Journal of Applied Physics, 2013, 113, .	2.5	7
90	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

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91	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
92	Optically-induced darkening and crystallization in amorphous Agâ€“Sbâ€“S films. Journal of Non-Crystalline Solids, 2005, 351, 3556-3561.	3.1	6
93	Ag-Sb-S Thin Films Prepared by RF Magnetron Sputtering and Their Properties. Materials Research Society Symposia Proceedings, 2006, 918, 1.	0.1	6
94	Study of microstructure in Agx(As0.33Se0.67)100âˆ’x chalcogenide glasses. Journal of Non-Crystalline Solids, 2009, 355, 2054-2058.	3.1	6
95	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
96	In-situ study of athermal reversible photocrystallization in a chalcogenide glass. Journal of Applied Physics, 2017, 122, .	2.5	6
97	Bismuth Oxychloride Nanoplatelets by Breakdown Anodization. ChemElectroChem, 2019, 6, 336-341.	3.4	6
98	Electrical conductivity of Ag x (As 40 Se 60) 100âˆ’x bulk glasses. Journal of Non-Crystalline Solids, 2003, 326-327, 159-164.	3.1	5
99	Multilevel resistive switching in Cu and Ag doped CBRAM device. Journal of Materials Science: Materials in Electronics, 2018, 29, 16836-16841.	2.2	5
100	2D GeSe₂ amorphous monolayer. Pure and Applied Chemistry, 2019, 91, 1787-1796.	1.9	5
101	A layered Ge₂Sb₂Te₅phase change material. Nanoscale, 2020, 12, 3351-3358.	5.6	5
102	Deep red upconversion photoluminescence in Er³⁺â€doped Yb₃Ga₅O₁₂ nanocrystalline garnet. Journal of the American Ceramic Society, 2022, 105, 3391-3402.	3.8	5
103	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
104	Optically induced crystallization in amorphous Agx(Sb0.33S0.67)100âˆ’x films. Journal of Non-Crystalline Solids, 2006, 352, 578-583.	3.1	4
105	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
106	On angle resolved RF magnetron sputtering of Geâ€“Sbâ€“Te thin films. Journal of Non-Crystalline Solids, 2009, 355, 1935-1938.	3.1	4
107	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
108	THz photoconductivity in aâ€Si:H. Physica Status Solidi (B): Basic Research, 2013, 250, 1004-1007.	1.5	4

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109	Kinetics of the persistent photocurrent in semiconductors: a case example for amorphous chalcogenides. Philosophical Magazine Letters, 2016, 96, 331-338.	1.2	4
110	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
111	1.5 Î¼m photoluminescence and upconversion photoluminescence in GeGaAsS:Er chalcogenide glass. Pure and Applied Chemistry, 2019, 91, 1757-1767.	1.9	4
112	2D metallic tungsten material. Applied Surface Science, 2020, 530, 147231.	6.1	4
113	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
114	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
115	Optical properties of silver containing Asâ€“Sâ€“Se thin films. Journal of Materials Science: Materials in Electronics, 2007, 18, 47-50.	2.2	3
116	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
117	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
118	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
119	Impedance spectroscopy data of Agx(Ge16Sb12Se72)100-x chalcogenide glasses. Data in Brief, 2019, 22, 1052-1056.	1.0	2
120	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
121	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
122	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
123	Amorphous and Glassy Semiconducting Chalcogenides. , 2016, , .		1
124	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
125	Local- and Intermediate-Range Atomic Order in Ga2Ge3Se9 Glass: Complementary Use of X-Rays and Neutrons. , 2021, , .		1
126	Rutherford backscatering spectroscopy of optically silver doped amorphous chalcogenides. European Physical Journal D, 2003, 53, A247-A256.	0.4	0

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127	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
128	Electromagnetic field distribution modelling in microlenses fabrication process. Journal of Physics and Chemistry of Solids, 2007, 68, 887-890.	4.0	0
129	Characterization of RF magnetron sputtered Se-doped Ge2Sb2.3Te5 thin films. Materials Research Society Symposia Proceedings, 2008, 1072, 1.	0.1	0
130	Up-Conversion in Er3+-Doped Ge25Ga5Sb5S65 Chalcogenide Glass for Enhancement of Silicon Solar Cell Efficiency. , 2012, , .		0
131	Origin of non-drude conductivity in the THz spectra of nanogranular semiconductors. , 2014, , .		0
132	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
133	13th Conference on Solid State Chemistry (SSC-2018). Pure and Applied Chemistry, 2019, 91, 1719-1720.	1.9	0
134	Metal-Doped Chalcogenides. , 2021, , 593-649.		0
135	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