

Ladislav TichÃ½

List of Publications by Year in descending order

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147
papers

2,916
citations

249298

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46
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151
docs citations

151
times ranked

1567
citing authors

#	ARTICLE	IF	CITATIONS
1	Photo-induced solid-state reaction on the interface of As ₂ S ₃ -Ge ₃₀ Se ₇₀ thin films. <i>Optical Materials</i> , 2022, 123, 111897.	1.7	1
2	On the estimation of the refractive index of heavy metal oxide glasses. <i>Materials Chemistry and Physics</i> , 2022, 278, 125638.	2.0	3
3	3D micro-structuring by CW direct laser writing on PbO-Bi ₂ O ₃ -Ga ₂ O ₃ glass. <i>Applied Surface Science</i> , 2022, 589, 152993.	3.1	7
4	Laser direct writing into PbO-Ga ₂ O ₃ glassy system: Parameters influencing microlenses formation. <i>Applied Surface Science</i> , 2021, 540, 148368.	3.1	8
5	Ablation of binary As ₂ S ₃ , As ₂ Se ₃ , GeS ₂ , GeSe ₂ and GeSe ₃ bulk glasses and thin films with a deep ultraviolet nanosecond laser. <i>Applied Surface Science</i> , 2021, 554, 149582.	3.1	5
6	The density, nanohardness and some optical properties of As ₂ S ₃ and As ₂ Se ₃ chalcogenide bulk glasses and thin films. <i>RSC Advances</i> , 2020, 10, 42744-42753.	1.7	8
7	Raman spectra and optical band gap in some PbO-ZnO-TeO ₂ glasses. <i>Materials Chemistry and Physics</i> , 2019, 237, 121834.	2.0	19
8	Interrelation between the photo-induced shift of the optical band gap and Urbach/exponential edge slope in a-Se. <i>Journal of Non-Crystalline Solids</i> , 2019, 515, 113-115.	1.5	3
9	The response of (GeS ₂) _x (Sb ₂ S ₃) _(1-x) thin films to illumination and annealing. <i>Thin Solid Films</i> , 2019, 676, 113-119.	0.8	2
10	The wettability of variously treated As ₄₂ Se ₅₈ thin films. <i>Materials Chemistry and Physics</i> , 2019, 221, 216-223.	2.0	8
11	The structural arrangement and the optical band gap in certain Quaternary PbO-ZnO-TeO ₂ -B ₂ O ₃ glasses. <i>Journal of Non-Crystalline Solids</i> , 2018, 489, 40-44.	1.5	7
12	On the structural arrangement and optical band gap (PbO) _x (ZnO) ₁₀ (TeO ₂) _{90-x} glasses. <i>Journal of Non-Crystalline Solids</i> , 2017, 459, 63-67.	1.5	12
13	Ageing of Ge _{24.9} Sb _{11.6} S _{63.5} thin films under various conditions. <i>Materials Chemistry and Physics</i> , 2017, 195, 236-246.	2.0	8
14	The maximum of glass-forming ability in Se-GeSe ₂ system - Phillips-Thorpe threshold and/or eutectic?. <i>Journal of Non-Crystalline Solids</i> , 2017, 478, 75-78.	1.5	1
15	On the thickness dependence of both the optical band gap and reversible photodarkening in amorphous Ge-Se films. <i>Thin Solid Films</i> , 2016, 619, 336-341.	0.8	12
16	Correlation between photo-induced red shift of the optical band gap and the slope of Urbach edge in amorphous and glassy As ₂ S ₃ . <i>Materials Letters</i> , 2016, 164, 232-234.	1.3	11
17	On the compositional threshold in GeS ₂ -Sb ₂ S ₃ , GeSe ₂ -Sb ₂ Se ₃ and GeS ₂ -Bi ₂ S ₃ glasses. <i>Materials Chemistry and Physics</i> , 2015, 152, 1-3.	2.0	8
18	Photo-induced effects of the virgin Ge _{24.9} Sb _{11.6} S _{63.5} film. <i>Thin Solid Films</i> , 2015, 594, 67-73.	0.8	9

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19	Ablation of (GeS ₂) _{0.3} (Sb ₂ S ₃) _{0.7} glass with an ultra-violet nano-second laser. Materials Research Bulletin, 2015, 64, 42-50.	2.7	15
20	Synthesis, structure and optical properties of thin films from GeS ₂ -In ₂ S ₃ system deposited by thermal co-evaporation. Thin Solid Films, 2014, 558, 298-305.	0.8	7
21	Explosive boiling of Ge ₃₅ Sb ₁₀ S ₅₅ glass induced by a CW laser. Materials Research Bulletin, 2013, 48, 3268-3273.	2.7	9
22	Some structural and optical properties of (Bi ₂ O ₃) _x (ZnO) _{60-[~]x} (B ₂ O ₃) ₄₀ glasses. Materials Chemistry and Physics, 2013, 138, 633-639.	2.0	18
23	On photo-expansion and microlens formation in (GeS ₂) _{0.74} (Sb ₂ S ₃) _{0.26} chalcogenide glass. Materials Research Bulletin, 2012, 47, 4246-4251.	2.7	34
24	On the ultraviolet light induced oxidation of amorphous As ₂ S ₃ film. Thin Solid Films, 2012, 520, 5472-5478.	0.8	24
25	Some physical properties of (Bi ₂ O ₃) _x (BaO) _{0.5-[~]x} (B ₂ O ₃) _{0.5} glasses. Materials Chemistry and Physics, 2011, 126, 289-294.	2.0	3
26	Irreversible photobleaching, photorefraction and photoexpansion in GeS ₂ amorphous film. Materials Chemistry and Physics, 2010, 119, 315-318.	2.0	29
27	Raman studies and some physical properties of selected (PbO) _x (Nb ₂ O ₅) _y (TeO ₂) _{1-[~]x-[~]y} glasses. Optical Materials, 2010, 32, 950-955.	1.7	17
28	Oxygen assisted photoinduced changes in Ge ₃₉ Ga ₂ S ₅₉ amorphous thin film. Journal of Non-Crystalline Solids, 2010, 356, 2850-2857.	1.5	9
29	Raman spectra and optical properties of selected Bi ₂ O ₃ -PbO-B ₂ O ₃ -GeO ₂ glasses. Optical Materials, 2009, 31, 895-898.	1.7	38
30	Atomic force microscopy and atomic force acoustic microscopy characterization of photo-induced changes in some Ge-As-S amorphous films. Thin Solid Films, 2009, 517, 1837-1840.	0.8	25
31	Optical properties and scanning probe microscopy study of some AgAsS ₂ amorphous films. Thin Solid Films, 2009, 517, 5943-5947.	0.8	11
32	Optical band gap and Raman spectra in some (Bi ₂ O ₃) _x (WO ₃) _y (TeO ₂) _{100-[~]x-[~]y} and (PbO) _x (WO ₃) _y (TeO ₂) _{100-[~]x-[~]y} glasses. Journal of Non-Crystalline Solids, 2009, 355, 2318-2322.	1.5	37
33	Raman studies and optical properties of some (PbO) _x (Bi ₂ O ₃) ₂ O ₃ (B ₂ O ₃) _{0.2} (B ₂ O ₃) ₂ O ₃ glasses. Journal of Raman Spectroscopy, 2008, 39, 1219-1226.	0.8	2
34	Thermally and optically induced irreversible changes in some Ge-As-S amorphous thin films. Materials Chemistry and Physics, 2008, 110, 322-327.	2.0	26
35	Kinetics of self-bleaching in some photodarkened Ge-As-S amorphous thin films. Journal of Non-Crystalline Solids, 2008, 354, 4948-4951.	1.5	4
36	Remark on the optical gap in ZnO-Bi ₂ O ₃ -TeO ₂ glasses. Journal of Non-Crystalline Solids, 2007, 353, 2799-2802.	1.5	46

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37	Some physical properties of $GexAsxS1\hat{\sim}2x$ glasses. <i>Materials Chemistry and Physics</i> , 2007, 103, 78-88.	2.0	24
38	Temperature shift of the optical gap in some $PbO\hat{\sim}ZnO\hat{\sim}P2O5$ glasses. <i>Materials Letters</i> , 2007, 61, 520-522.	1.3	14
39	Kinetics of photo-darkening and self-bleaching in amorphous $As2S3$ and $As2Se3$ thin films. <i>Physica Status Solidi - Rapid Research Letters</i> , 2007, 1, R74-R76.	1.2	4
40	Compositional dependence of some physical properties of $ZnO\hat{\sim}PbO\hat{\sim}P2O5$ glasses. <i>Journal of Materials Science</i> , 2007, 42, 215-220.	1.7	9
41	Comparison of reversible photodarkening in $As2S3$ and $As2Se3$ amorphous thin films. <i>Journal of Materials Science: Materials in Electronics</i> , 2007, 18, 251-255.	1.1	3
42	Photo-darkening in $Ge16As26S58$ amorphous thin film. <i>Solid State Sciences</i> , 2005, 7, 201-207.	1.5	9
43	Changes in the physicochemical and optical properties of chalcogenide thin films from the systems $As\hat{\sim}S$ and $As\hat{\sim}S\hat{\sim}TI$. <i>Journal of Materials Science</i> , 2004, 39, 961-968.	1.7	14
44	Photo-induced changes of the short wavelength absorption edge in some $Ge\hat{\sim}As\hat{\sim}S$ amorphous thin films. <i>Optical Materials</i> , 2004, 27, 549-557.	1.7	14
45	Reversible photodarkening in amorphous $AsxS100\hat{\sim}x$ films prepared by thermal evaporation and plasma-enhanced chemical vapour deposition. <i>Materials Letters</i> , 2003, 57, 2494-2500.	1.3	6
46	Some optical properties of $Ge\hat{\sim}S$ amorphous thin films. <i>Current Applied Physics</i> , 2002, 2, 181-185.	1.1	27
47	The Chemical Threshold in Chalcogenide Glasses. , 2001, , 167-176.		0
48	Far Infrared Spectra and Bonding Arrangement in Some $Ge-Sb-S$ Glasses. <i>Physica Status Solidi A</i> , 2000, 181, 199-209.	1.7	76
49	Far-infrared spectra and bonding arrangement in $Ge\hat{\sim}As\hat{\sim}S\hat{\sim}Se$ glasses. <i>Journal of Physics and Chemistry of Solids</i> , 2000, 61, 1647-1652.	1.9	17
50	Temperature dependence of the optical gap in thin amorphous films of As_2S_3 , As_2Se_3 and other basic non-crystalline chalcogenides. <i>Journal of Physics and Chemistry of Solids</i> , 2000, 61, 545-550.	1.9	25
51	Low-temperature photodarkening of the $AsxSe100\hat{\sim}x$ system prepared by PECVD. <i>Materials Letters</i> , 2000, 46, 234-238.	1.3	15
52	Remark on the glass-forming ability in $GexSe1\hat{\sim}x$ and $AsxSe1\hat{\sim}x$ systems. <i>Journal of Non-Crystalline Solids</i> , 2000, 261, 277-281.	1.5	10
53	Is the chemical threshold in certain chalcogenide glasses responsible for the threshold at the mean coordination number of approximately 2.7?. <i>The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties</i> , 1999, 79, 373-380.	0.6	12
54	Amorphous chalcogenide $Se1\hat{\sim}x\hat{\sim}y$ $TexPy$ semiconducting alloys: thermal and mechanical properties. <i>Journal of Materials Science</i> , 1999, 34, 3779-3787.	1.7	52

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55	Optical properties of amorphous Asâ€“Se and Geâ€“Asâ€“Se thin films. <i>Materials Letters</i> , 1999, 39, 122-128.	1.3	164
56	On the origin of reversible photodarkening in amorphous As ₂ S ₃ thin films. <i>Optical Materials</i> , 1998, 10, 117-128.	1.7	16
57	Photoinduced changes in the short wavelength optical absorption edge of a-As ₂ S ₃ and a-As ₂ Se ₃ thin amorphous films. <i>Materials Letters</i> , 1998, 36, 294-298.	1.3	26
58	Photodarkening induced at low temperatures in amorphous Ge _x Se _{100-x} films. <i>Journal of Non-Crystalline Solids</i> , 1998, 227-230, 705-709.	1.5	25
59	X-ray analysis of the structure of Geâ€“Sâ€“Ag glasses. <i>Journal of Non-Crystalline Solids</i> , 1998, 232-234, 335-340.	1.5	8
60	Photoinduced optical changes in amorphous Se and Geâ€“Se films. <i>Journal of Non-Crystalline Solids</i> , 1998, 240, 177-181.	1.5	27
61	Optical gap and Urbach edge slope in a-Se. <i>Materials Letters</i> , 1996, 26, 279-283.	1.3	21
62	Thermally and photo-induced irreversible changes in the optical properties of amorphous Ge _x Se _{100-x} films. <i>Journal of Non-Crystalline Solids</i> , 1996, 198-200, 723-727.	1.5	46
63	The influence of temperature on the optical absorption edge shift induced by bandâ€“gap illumination in thin amorphous GeSe ₂ films. <i>The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties</i> , 1996, 73, 213-221.	0.6	8
64	A review of the specific role of oxygen in irreversible photo- and thermally induced changes of the optical properties of thin film amorphous chalcogenides. <i>Optical Materials</i> , 1995, 4, 771-779.	1.7	25
65	Structural and optical properties of amorphous selenium prepared by plasma-enhanced CVD. <i>Solid State Communications</i> , 1995, 94, 49-52.	0.9	58
66	Covalent bond approach to the glass-transition temperature of chalcogenide glasses. <i>Journal of Non-Crystalline Solids</i> , 1995, 189, 141-146.	1.5	290
67	X-ray analysis of the structure of Geî—,Biî—,S glasses. <i>Journal of Non-Crystalline Solids</i> , 1995, 192-193, 45-48.	1.5	0
68	An X-ray absorption study of the Geî—,Biî—,Se amorphous system. <i>Journal of Non-Crystalline Solids</i> , 1995, 192-193, 380-383.	1.5	7
69	The preparation and some physical properties of thin amorphous Ge-Bi-S films. <i>Materials Letters</i> , 1995, 22, 59-64.	1.3	4
70	The temperature dependence of the optical gap in quasibinary chalcogenide glasses and their far infrared spectra. <i>Materials Letters</i> , 1994, 20, 189-193.	1.3	6
71	On the chemical threshold in chalcogenide glasses. <i>Materials Letters</i> , 1994, 21, 313-319.	1.3	134
72	Observation of variable-range hopping conduction in a Geî—,Sbî—,S glass alloyed with CoS. <i>Journal of Non-Crystalline Solids</i> , 1993, 164-166, 1187-1190.	1.5	10

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73	On the origin of photo-induced and thermally induced irreversible bleaching of amorphous Ge-Se films. <i>Philosophical Magazine Letters</i> , 1993, 68, 73-79.	0.5	8
74	Compositional trend of the blue shift of the gap in $\text{Ge}_{x}\text{S}_{100-x}$ thin amorphous films induced by annealing and illumination. <i>Materials Letters</i> , 1993, 17, 268-273.	1.3	8
75	On the dc electrical conductivity in glassy $\text{Cu}_{15}\text{As}_{35}\text{Se}_{50}$. <i>Materials Letters</i> , 1993, 18, 73-77.	1.3	2
76	X-ray Ge K bands of Bi-Ge-S and Sb-Ge-S glasses. <i>Journal of Physics Condensed Matter</i> , 1993, 5, 5997-6004.	0.7	3
77	On the DC electrical transport in As_2SeTe glass. <i>Journal of Physics Condensed Matter</i> , 1992, 4, 8755-8764.	0.7	1
78	DSC study of chalcogenide glasses prepared under various gravity conditions. <i>Journal of Materials Science</i> , 1992, 27, 5209-5214.	1.7	2
79	The temperature dependence of the optical gap of glassy GeSe_2 . <i>Materials Letters</i> , 1992, 15, 198-201.	1.3	15
80	Compositional trends of the glass-transition temperature, urbach-tail slope and optical gap in $\text{As}_{0.5}\text{Se}_{0.5-x}\text{Te}_x$ glasses. <i>Materials Letters</i> , 1992, 15, 202-206.	1.3	2
81	Compositional invariance of the glass-transition temperature and Urbach-tail slope in $\text{Ge}_{20}\text{Sb}_{15-x}\text{Bi}_x\text{S}_{65}$ glasses. <i>Materials Letters</i> , 1992, 14, 140-142.	1.3	1
82	Structural study of Ge-Bi-S glasses by Raman spectroscopy. <i>Journal of Materials Science Letters</i> , 1992, 11, 1060-1062.	0.5	3
83	DSC study of chalcogenide glasses prepared under various gravity conditions. <i>Journal of Materials Science</i> , 1992, 27, 5209-5214.	1.7	3
84	The structure of the glassy Ge-Sb-S system and its connection with the MRO structures of GeS_2 and Sb_2S_3 . <i>Journal of Non-Crystalline Solids</i> , 1991, 137-138, 123-126.	1.5	21
85	On the infrared spectra of $\text{Ge}_{1-x}\text{Bi}_x\text{Se(S)}$ glasses. <i>Journal of Non-Crystalline Solids</i> , 1991, 128, 191-196.	1.5	27
86	Effect of Co additive on electrical conductivity of $\text{Ge}_{1-x}\text{Sb}_x\text{S}$ glass. <i>Materials Letters</i> , 1991, 12, 261-265.	1.3	4
87	Preparation and some physical properties of Se-Te-I glasses. <i>Journal of Materials Science Letters</i> , 1990, 9, 681-685.	0.5	3
88	Average gap and static dielectric constant in $\text{As}_{0.5}\text{Te}_{0.5-x}\text{Se}_x$ glasses. <i>Materials Letters</i> , 1990, 10, 39-41.	1.3	2
89	The glass-forming region and electrical conductivity of $\text{Ge}_{1-x}\text{Bi}_x\text{S}$ glasses. <i>Journal of Non-Crystalline Solids</i> , 1990, 116, 206-218.	1.5	17
90	On the crystallization of Sb_2S_3 in glassy $(\text{GeS}_2)_{0.3}(\text{Sb}_2\text{S}_3)_{0.7}$. <i>Journal of Materials Science Letters</i> , 1989, 8, 91-93.	0.5	12

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91	Optical properties of Ge _{40-x} Sb _x Se ₆₀ glasses. Journal of Materials Science, 1989, 24, 2508-2512.	1.7	14
92	Some physical properties of Ge _{40-x} Sb _x Se ₆₀ glasses. Journal of Materials Science Letters, 1988, 7, 335-338.	0.5	14
93	Crystallization kinetics of Ge _x S _{1-x} glasses. Journal of Thermal Analysis, 1988, 33, 667-672.	0.7	10
94	Influence of the thermal treatment on the Urbach edge of glassy As ₂ S ₃ . Solid State Communications, 1988, 68, 575-579.	0.9	5
95	Some thermally and optically induced changes of optical properties of amorphous As ₃₈ S ₆₂ films. Journal of Materials Science, 1988, 23, 229-234.	1.7	8
96	Non-isothermal crystallization of Bi ₂ S ₃ from glassy (GeS ₂) _{0.5} (Bi ₂ S ₃) _{0.5} . Physica Status Solidi A, 1988, 107, 769-774.	1.7	3
97	Photoinduced bleaching of Ge ₃₅ S ₆₅ amorphous film. Journal of Non-Crystalline Solids, 1988, 101, 223-226.	1.5	16
98	Photoinduced and thermally induced bleaching of amorphous Ge ₂ S ₃ films. Philosophical Magazine Letters, 1988, 58, 233-237.	0.5	14
99	Influence of In and Ag atoms on optical and electrical properties of some Ge _{40-x} Sb _x S ₆₀ glasses. Journal of Materials Research, 1987, 2, 361-365.	1.2	4
100	A study of the structure of (GeS ₂) _{1-x} (Sb ₂ S ₃) _x glasses. Journal of Non-Crystalline Solids, 1987, 97-98, 183-186.	1.5	13
101	N-type conductivity in chalcogenide glasses and layers. Journal of Non-Crystalline Solids, 1987, 97-98, 1139-1146.	1.5	11
102	Photoinduced changes of optical properties of amorphous chalcogenide films at ambient air pressure. Journal of Non-Crystalline Solids, 1987, 97-98, 1227-1230.	1.5	26
103	Isothermal DSC method for evaluation of the kinetics of crystallization in the Ge-Sb-S glassy system. Journal of Thermal Analysis, 1987, 32, 1015-1021.	0.7	78
104	Influence of oxygen traces on physical properties of glassy GeSe ₂ . Journal of Materials Science, 1987, 22, 2119-2123.	1.7	20
105	On the nature of bleaching of amorphous Ge ₃₀ S ₇₀ films. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1986, 54, 219-230.	0.6	44
106	Electrical and optical properties of Ge ₂₀ Sb _{15-x} Bi _x Bi ₆₅ glasses. Journal of Materials Science, 1986, 21, 488-492.	1.7	13
107	Conductivity measurements during the crystallization of Bi ₂ S ₃ in Ge ₂₀ Bi ₁₅ S ₆₅ glass. Journal of Materials Science Letters, 1986, 5, 183-185.	0.5	2
108	Photoinduced bleaching of amorphous film Ge ₄₀ S ₆₀ . Journal of Materials Science Letters, 1986, 5, 1125-1128.	0.5	6

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109	Electrical properties of glassy Ge ₂₀ S ₈₀ . Journal of Materials Science Letters, 1985, 4, 960-962.	0.5	1
110	Is the n-type conductivity in some Bi-doped chalcogenide glasses controlled by percolation?. Solid State Communications, 1985, 53, 399-402.	0.9	54
111	Kinetics of the recrystallization of Sb ₂ S ₃ in the glassy (GeS ₂) ₀ (Sb ₂ S ₃) _{0.7} . Thermochimica Acta, 1985, 93, 255-258.	1.2	0
112	Some physical properties of the glassy (GeS ₂) _x (Sb ₂ S ₃) _{1-x} system. Journal of Non-Crystalline Solids, 1985, 74, 37-46.	1.5	40
113	Physical properties of (GeS ₂) _x (Bi ₂ S ₃) _{1-x} glasses. Journal of Non-Crystalline Solids, 1985, 77-78, 1265-1268.	1.5	11
114	n-Type Conduction in Noncrystalline Chalcogenides. , 1985, , 645-662.		4
115	Qualitative calorimetry of some sulphur rich glasses. Solid State Communications, 1984, 49, 903-906.	0.9	22
116	Compositional dependence of the average gap in the Ge-rich region of the Ge _x S _{1-x} non-crystalline system. Physica Status Solidi (B): Basic Research, 1983, 115, K127.	0.7	4
117	Temperature dependence of the optical gap in glassy GeS ₂ . Physica Status Solidi (B): Basic Research, 1983, 119, K135.	0.7	11
118	Electrical properties of glasses in the Ge _{1-x} Bi _x Sb _{1-x} Se and Ge _{1-x} Bi _x S systems. Journal of Non-Crystalline Solids, 1983, 59-60, 1015-1018.	1.5	129
119	Photoelectrical and optical study of p-type a-Si:H used as a photoreceptor. Journal of Non-Crystalline Solids, 1983, 59-60, 493-496.	1.5	17
120	Optical gaps from mean bond energy in Ge _x S _{1-x} and Ge _x Sb _{1-x} non-crystalline solids. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1982, 46, 365-376.	0.6	44
121	Compositional dependence of the optical gap in Ge _{1-x} S _x , Ge _{40-x} Sb _x S ₆₀ and (As ₂ S ₃) _x (Sb ₂ S ₃) _{1-x} non-crystalline systems. Journal of Non-Crystalline Solids, 1982, 50, 371-378.	1.5	25
122	Index of refraction and d. c. electrical conductivity in Ge _{40-x} Sb _x S ₆₀ glasses. European Physical Journal D, 1982, 32, 1363-1373.	0.4	21
123	The composition dependence of the gap in amorphous films of SixGe _{1-x} , SbxSe _{1-x} and AsxTe _{1-x} systems. Solid State Communications, 1982, 41, 751-754.	0.9	46
124	EPR spectra and defect states in glasses of the GexS _{100-x} system. Collection of Czechoslovak Chemical Communications, 1982, 47, 1787-1793.	1.0	4
125	Relation between the temperature dependence of both the optical gap and the slope of the exponential absorption edge in glasses of the Ge _{1-x} Sb _x S system. Journal of Non-Crystalline Solids, 1981, 45, 437-440.	1.5	11
126	Electrical conductivity of BiTeI crystals. Physica Status Solidi A, 1981, 63, 407-416.	1.7	13

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127	Mixed scattering mechanism of free current carriers in SnBi ₄ Te ₇ single crystals. <i>Physica Status Solidi A</i> , 1981, 64, 461-466.	1.7	4
128	ESR of defect centres in Ge _{1-x} Sb _x S glasses. <i>Physica Status Solidi A</i> , 1981, 66, 691-696.	1.7	6
129	Temperature dependence of slope of exponential absorption edge and the temperature shift of absorption edge in Ge ₂₀ Sb _x S _{80-x} glasses. <i>Solid State Communications</i> , 1981, 37, 667-670.	0.9	5
130	Photostructural changes in some ternary Ge-Sb-S chalcogenide layers. <i>European Physical Journal D</i> , 1981, 31, 441-446.	0.4	10
131	Temperature Dependence of the Exponential Absorption Edge in Ge ₂₀ Sb ₂₅ S ₅₅ Chalcogenide Glass. <i>Physica Status Solidi A</i> , 1979, 54, K163-K166.	1.7	2
132	Some electrical properties of GeBi ₂ Te ₄ single crystals. <i>Physica Status Solidi A</i> , 1979, 56, 323-326.	1.7	5
133	Nonparabolicity of the conduction band and anisotropy of the electron effective mass in Bi ₂ Se ₃ single crystals. <i>Physical Review B</i> , 1979, 19, 1126-1131.	1.1	37
134	Nonparabolicity of the conductivity band in n-Bi ₂ Se ₃ crystals from results of measurements of the IR reflectivity and Hall voltage. <i>European Physical Journal D</i> , 1976, 26, 1195-1196.	0.4	0
135	Some physical properties of Ternary germanium bismuth telluride (GeBi ₄ Te ₇) semiconducting crystals. <i>Journal of Physics and Chemistry of Solids</i> , 1976, 37, 477-479.	1.9	6
136	Lattice Defects in Manganese-Doped Sb ₂ Te ₃ Crystals. <i>Physica Status Solidi A</i> , 1975, 27, 621-626.	1.7	23
137	Lattice defects in lead-doped Bi ₂ Se ₃ crystals. <i>Physica Status Solidi (B): Basic Research</i> , 1975, 69, K127.	0.7	4
138	Amphoteric nature of copper impurities in Bi ₂ Se ₃ crystals. <i>Applied Physics Berlin</i> , 1974, 5, 217-221.	1.4	70
139	Bi ₂ Sa ₃ crystals doped with halogen. <i>Physica Status Solidi A</i> , 1974, 22, K63-K67.	1.7	12
140	Some physical properties of semiconducting GeSb ₄ Te ₇ crystals. <i>Physica Status Solidi A</i> , 1974, 22, 535-541.	1.7	10
141	Electrical properties of germanium-doped Sb ₂ Te ₃ crystals. <i>Physica Status Solidi A</i> , 1973, 20, 717-724.	1.7	15
142	Free carrier scattering mechanism in Bi ₂ Se ₃ crystals. <i>European Physical Journal D</i> , 1973, 23, 1111-1117.	0.4	7
143	Lattice defects of Bi ₂ Se ₃ doped with germanium. <i>European Physical Journal D</i> , 1973, 23, 243-249.	0.4	6
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145	Reflectivity of germanium-doped Sb ₂ Te ₃ crystals. Physica Status Solidi A, 1972, 13, K163-K166.	1.7	5
146	Reflectivity of iodine-doped Sb ₂ Te ₃ crystals. Physica Status Solidi A, 1972, 14, 289-298.	1.7	42
147	Preparation and some physical properties of semiconducting GeSb ₂ Te ₄ crystals. Materials Research Bulletin, 1972, 7, 1075-1085.	2.7	11