Changgui Lin

List of Publications by Year
in descending order

136 papers	2,115 citations	257450 24 h-index	315739 38 g-index
136 all docs	136 docs citations	136 times ranked	1360 citing authors

#	Article	IF	Citations
1	Chalcogenide glass-ceramics: Functional design and crystallization mechanism. Progress in Materials Science, 2018, 93, 1-44.	32.8	123
2	Nanocrystallization in Oxyfluoride Glasses Controlled by Amorphous Phase Separation. Nano Letters, 2015, 15, 6764-6769.	9.1	110
3	Silver Nanoparticles Enhanced Upconversion Luminescence in Er³⁺/Yb³⁺ Codoped Bismuth-Germanate Glasses. Journal of Physical Chemistry C, 2011, 115, 25040-25045.	3.1	86
4	Network Structure in GeS₂â€"Sb₂S₃ Chalcogenide Glasses: Raman Spectroscopy and Phase Transformation Study. Journal of Physical Chemistry C, 2012, 116, 5862-5867.	3.1	63
5	Luminescent ion-doped transparent glass ceramics for mid-infrared light sources [invited]. Optics Express, 2020, 28, 21522.	3.4	63
6	Crystallization behavior of 80GeS2â€‰â‹…â€‰20Ga2S3 chalcogenide glass. Applied Physics A: Materials Science and Processing, 2009, 97, 713-720.	2.3	59
7	Structural Investigations of Glass Ceramics in the Ga₂S₃âˆ’GeS₂âˆ’CsCl System. Journal of Physical Chemistry B, 2009, 113, 14574-14580.	2.6	55
8	Evidence of network demixing in GeS2â€"Ga2S3 chalcogenide glasses: A phase transformation study. Journal of Solid State Chemistry, 2011, 184, 584-588.	2.9	51
9	Mechanism of the enhancement of mid-infrared emission from GeS2-Ga2S3 chalcogenide glass-ceramics doped with Tm3+. Applied Physics Letters, 2012, 100, .	3.3	49
10	Improvement of Swanepoel method for deriving the thickness and the optical properties of chalcogenide thin films. Optics Express, 2017, 25, 440.	3.4	48
11	Oxyfluoride Glass-Ceramics for Transition Metal Ion Based Photonics: Broadband Near-IR Luminescence of Nickel Ion Dopant and Nanocrystallization Mechanism. Journal of Physical Chemistry C, 2016, 120, 4556-4563.	3.1	44
12	Study on the third and second-order nonlinear optical properties of GeS2-Ga2S<suv>3</suv>-AgCl chalcohalide glasses. Optics Express, 2007, 15, 2398.	3.4	42
13	Broadband near-IR emission from cubic perovskite KZnF_3:Ni^2+ nanocrystals embedded glass-ceramics. Optics Letters, 2015, 40, 5263.	3.3	42
14	Study on the structure dependent ultrafast third-order optical nonlinearity of GeS2â€"In2S3 chalcogenide glasses. Optics Communications, 2007, 270, 373-378.	2.1	39
15	Surface-plasmon enhanced ultrafast third-order optical nonlinearities in ellipsoidal gold nanoparticles embedded bismuthate glasses. Chemical Physics Letters, 2011, 514, 79-82.	2.6	39
16	Surface Passivation of CdSe Quantum Dots in All Inorganic Amorphous Solid by Forming Cd1âˆ’xZnxSe Shell. Scientific Reports, 2017, 7, 42359.	3.3	38
17	Second-harmonic generation in IR-transparent Î²-GeS_2 crystallized glasses. Optics Letters, 2009, 34, 437.	3.3	32
18	Defect configurations in Geâ€"S chalcogenide glasses studied by Raman scattering and positron annihilation technique. Journal of Non-Crystalline Solids, 2009, 355, 438-440.	3.1	30

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19	Second-order optical nonlinearity and ionic conductivity of nanocrystalline GeS2â€“Ga2S3â€“LiI glass-ceramics with improved thermo-mechanical properties. Physical Chemistry Chemical Physics, 2010, 12, 3780.	2.8	29
20	Permanent second-harmonic generation in AgGaGeS4 bulk-crystallized chalcogenide glasses. Chemical Physics Letters, 2008, 460, 125-128.	2.6	28
21	High Verdet constants and diamagnetic responses of GeS_2-In_2S_3-PbI_2 chalcogenide glasses for integrated optics applications. Optics Express, 2017, 25, 20410.	3.4	28
22	Fast Ag-Ion-Conducting GeS₂â€“Sb₂S₃â€“AgI Glassy Electrolytes with Exceptionally Low Activation Energy. Journal of Physical Chemistry C, 2018, 122, 1486-1491.	3.1	28
23	External influence on third-order optical nonlinearity of transparent chalcogenide glass-ceramics. Applied Physics A: Materials Science and Processing, 2011, 104, 615-620.	2.3	27
24	Enhanced Upâ€Conversion Luminescence in <scp><scp>Er</scp></scp>³⁺â€Doped 25<scp><scp>GeS</scp></scp>₂Â·35<scp><scp>Ga</scp></scp>₂<scp><scp>S</scp></scp>₃/ Chalcogenide Glassâ€“Ceramics. Journal of the American Ceramic Society, 2013, 96, 816-819.	3.8	24
25	Enhanced mid-IR luminescence of Tm3+ ions in Ga2S3 nanocrystals embedded chalcohalide glass ceramics. Journal of Non-Crystalline Solids, 2011, 357, 2302-2305.	3.1	23
26	Glass formation and third-order optical nonlinear characteristics of bismuthate glasses within Bi2O3â€“GeO2â€“TiO2 pseudo-ternary system. Materials Chemistry and Physics, 2012, 135, 73-79.	4.0	22
27	Quantum cutting in Pr^3+-Yb^3+ codoped chalcohalide glasses for high-efficiency c-Si solar cells. Optics Letters, 2014, 39, 2225.	3.3	22
28	Optical second-order nonlinearity of the infrared transmitting 82GeS2â^™18CdGa2S4 nanocrystallized chalcogenide glass. Applied Physics Letters, 2007, 91, 011904.	3.3	20
29	Structure and optical properties of amorphous GeSx films prepared by PLD. Journal of Non-Crystalline Solids, 2011, 357, 2358-2361.	3.1	20
30	Correlation Between Crystallization Behavior and Network Structure in <scp><scp>GeS</scp></scp>₂â€“<scp><scp>Ga</scp></scp>₂<scp><scp>S</scp></scp>₃â€“ Chalcogenide Glasses. Journal of the American Ceramic Society, 2013, 96, 1779-1782.	3.8	20
31	Performance improvement of transparent germaniumâ€“galliumâ€“sulfur glass ceramic by gold doping for third-order optical nonlinearities. Optics Express, 2013, 21, 24847.	3.4	20
32	Glass formation and properties of novel GeS2â€“Sb2S3â€“In2S3 chalcogenide glasses. Optical Materials, 2011, 33, 1775-1780.	3.6	19
33	Structural evolution of Ge2Sb2Te5 films under the 488nm laser irradiation. Materials Letters, 2012, 88, 148-151.	2.6	19
34	Theoretical studies on mid-infrared amplification in Ho3+-doped chalcogenide glass fibers. Physica B: Condensed Matter, 2013, 416, 64-68.	2.7	18
35	Formation and properties of chalcogenide glasses based on GeS2â€“Sb2S3â€“AgI system. Materials Letters, 2014, 132, 203-205.	2.6	18
36	Nanocrystallization of Î±-CsPbI3 perovskite nanocrystals in GeS2-Sb2S3 based chalcogenide glass. Journal of the European Ceramic Society, 2020, 40, 4148-4152.	5.7	18

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37	Mechanism of electron beam poled SHG in 0.95GeS2Â·0.05In2S3 chalcogenide glasses. Journal of Physics and Chemistry of Solids, 2007, 68, 158-161.	4.0	16
38	Study of thermal and optical properties of GeS2â€“Ga2S3â€“Ag2S chalcogenide glasses. Materials Research Bulletin, 2007, 42, 1804-1810.	5.2	16
39	Redshifted surface plasma resonance-induced enhancement of third-order optical nonlinearities in silver nanoclusters embedded in Bi_2O_3-B_2O_3-TiO_2pseudo-ternary glasses. Journal of the Optical Society of America B: Optical Physics, 2011, 28, 1283.	2.1	16
40	Performance modification of third-order optical nonlinearity of chalcogenide glasses by nanocrystallization. Ceramics International, 2019, 45, 18767-18771.	4.8	16
41	Competitive Phase Separation to Controllable Crystallization in 80<scp><scp>GeS</scp></scp>₂Â·20<scp><scp>In</scp></scp>₂<scp><scp>S</scp></scp><sub>3</sub Chalcogenide Glass. Journal of the American Ceramic Society, 2013, 96, 125-129.	3.8	15
42	Formation, thermal, optical and physical properties of GeS2â€“Ga2S3â€“AgCl novel chalcohalide glasses. Journal of Materials Science, 2007, 42, 9632-9637.	3.7	14
43	Rib and strip chalcogenide waveguides based on Geâ€“Sbâ€“Se radio-frequency sputtered films. Materials Letters, 2013, 98, 42-46.	2.6	14
44	Effect of iodine (I 2) on structural, thermal and optical properties of Ge-Sb-S chalcohalide host glasses and ones doped with Dy. Journal of Non-Crystalline Solids, 2017, 464, 81-88.	3.1	14
45	Correlating structure with third-order optical nonlinearity of chalcogenide glasses within a germaniumâ€“sulfur binary system. Journal of Non-Crystalline Solids, 2019, 522, 119562.	3.1	14
46	Effect of gallium environment on infrared emission in Er3+-doped galliumâ€“ antimonyâ€“ sulfur glasses. Scientific Reports, 2017, 7, 41168.	3.3	13
47	Preparation and properties of Geâ€“Gaâ€“Laâ€“Sâ€“AgI chalcogenide glass. Ceramics International, 2017, 43, 4508-4512.	4.8	13
48	Compositional dependence of physical and structural properties in (Ge1â^'xGax)S2 chalcogenide glasses. Journal of Non-Crystalline Solids, 2018, 489, 45-49.	3.1	13
49	Nanocrystal-enhanced near-IR emission in the bismuth-doped chalcogenide glasses. Chinese Optics Letters, 2013, 11, 041601-41604.	2.9	13
50	Broadband NIR-emitting Te cluster-doped glass for smart light source towards night-vision and NIR spectroscopy applications. Photonics Research, 2022, 10, 1187.	7.0	13
51	Second harmonic generation in transparent microcrystalline Î±-CdGa2S4-containing chalcogenide glass ceramics. Optics Communications, 2007, 274, 466-470.	2.1	12
52	Second-harmonic generation in the thermal/electrical poling (100â^'x)GeS2Â·x(0.5Ga2S3Â·0.5CdS) chalcogenide glasses. Journal of Physics and Chemistry of Solids, 2008, 69, 97-100.	4.0	12
53	Phase Separation in Nonstoichiometry <scp><scp>Ge</scp></scp>â€“<scp><scp>Sb</scp></scp>â€“<scp><scp>S</scp></scp> Chalcogenide Glasses. Journal of the American Ceramic Society, 2014, 97, 793-797.	3.8	12
54	Extension of the Swanepoel method for obtaining the refractive index of chalcogenide thin films accurately at an arbitrary wavenumber. Optics Express, 2017, 25, 31273.	3.4	12

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55	Competitive crystallization of Î²-Zn2SiO4 and ZnO in an aluminosilicate glass. Ceramics International, 2018, 44, 7209-7213.	4.8	12
56	Compositional dependence of the optical properties of novel Gaâ€“Sbâ€“Sâ€“<scp>XI</scp> (<scp>XI</scp>Â=ÂPbI₂, CsI, AgI) infrared chalcogenide glasses. Journal of the American Ceramic Society, 2018, 101, 749-755.	3.8	12
57	Unveiling crystallization mechanism for controlling nanocrystalline structure in glasses. Journal of the European Ceramic Society, 2020, 40, 2173-2178.	5.7	12
58	New chalcohalide glasses from the GeS2â€“In2S3â€“CsCl system. Journal of Non-Crystalline Solids, 2008, 354, 1303-1307.	3.1	11
59	Mechanical Properties and Crystallization Behavior of <scp><scp>GeS</scp></scp>₂â€“<scp><scp>Sb</scp></scp>₂<scp><scp>S</scp></scp>₃â€“ Chalcogenide Glass. Journal of the American Ceramic Society, 2012, 95, 1320-1325.	3.8	11
60	Formation, Microstructure, and Conductivity of a Novel Ga2S3-Sb2S3-AgI Chalcogenide System. Scientific Reports, 2018, 8, 1699.	3.3	11
61	Study on the factors affecting the refractive index change of chalcogenide films induced by femtosecond laser. Optics and Laser Technology, 2019, 120, 105708.	4.6	11
62	Tunable broadband upconversion luminescence from Yb3+/Mn2+ co-doped dual-phase glass ceramics. Ceramics International, 2020, 46, 5271-5277.	4.8	11
63	Intense and broadband mid-infrared emission by nano-crystallization of rareâ€earth doped oxyfluoride glass-ceramic. Journal of Alloys and Compounds, 2022, 900, 163413.	5.5	11
64	SbS3 enhanced ultrafast third-order optical nonlinearities of Geâ€“S chalcogenide glasses at 820nm. Optical Materials, 2008, 31, 193-195.	3.6	10
65	Similar behaviors of sulfide and selenide-based chalcogenide glasses to form glass ceramics. , 2010, , .		10
66	Relationship between composition, crystallization, and phase separation behavior of GeS2â€“Sb2S3â€“CsCl chalcogenide glasses. Infrared Physics and Technology, 2019, 102, 102978.	2.9	10
67	Glassy Flux Protocol to Confine Lead-Free CsSnX₃ Nanocrystals into Transparent Solid Medium. Journal of Physical Chemistry Letters, 2020, 11, 6084-6089.	4.6	10
68	Fabrication and bending strength analysis of low-loss Ge₁₅As₂₅Se₄₀Te₂₀chalcogenide glass fiber: a potential mid-infrared laser transmission medium. Optical Materials Express, 2019, 9, 2859.	3.0	10
69	Second-order nonlinear optical properties of Ge-Ga-Ag-S glass irradiated by electron beam. Transactions of Nonferrous Metals Society of China, 2006, 16, s170-s173.	4.2	9
70	The Effect of PbS on Crystallization Behavior of GeS₂â€Ga₂S₃â€Based Chalcogenide Glasses. Journal of the American Ceramic Society, 2014, 97, 3469-3474.	3.8	9
71	GeS2â€“In2S3â€“CsI Chalcogenide Glasses Doped with Rare Earth Ions for Near- and Mid-IR Luminescence. Scientific Reports, 2016, 6, 37577.	3.3	9
72	Phase Separation and Nanocrystallization in KFâ€“ZnF2â€“SiO2 Glasses: Lessons from Solid-State NMR. Journal of Physical Chemistry B, 2019, 123, 1688-1695.	2.6	9

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73	Optical properties of Ge-Sb-Se thin films induced by femtosecond laser. Optics Communications, 2021, 496, 127123.	2.1	9
74	Spontaneous crystallization of PbCl2 nanocrystals in GeS2-Sb2S3 based chalcogenide glasses. Journal of Non-Crystalline Solids, 2019, 521, 119543.	3.1	8
75	Correlation between thermo-mechanical properties and network structure in GexS100â€"x chalcogenide glasses. Journal of Non-Crystalline Solids: X, 2019, 1, 100015.	1.2	8
76	Nanocrystallization of leadâ€free Cs₃Sb₂Br₉ perovskites in chalcogenide glass. Journal of the American Ceramic Society, 2020, 103, 6106-6111.	3.8	8
77	Investigation of the acoustoâ€optical properties of Geâ€"Asâ€"Teâ€"(Se) chalcogenide glasses at 10.6ÂÎ¼m wavelength. Journal of the American Ceramic Society, 2021, 104, 3224-3234.	3.8	8
78	Ultrafast nonresonant third-order optical nonlinearity of the 0.64GeS2â€"0.16Ga2S3â€"0.2CsCl chalcohalide glass. Journal of Materials Science, 2006, 41, 6481-6484.	3.7	7
79	Second harmonic generation in surface crystallized 30GeS2Â·35Ga2S3Â·35AgCl chalcohalide glasses. Optical Materials, 2009, 31, 1434-1438.	3.6	7
80	Controlled crystallization of Î²-In2S3 in 65GeS2â‹…25In2S3â‹…10CsCl chalcohalide glass. Applied Physics A: Materials Science and Processing, 2013, 112, 939-946.	2.3	7
81	Glass Formation and Ionic Conduction Behavior in GeSe₂â€"Ga₂Se₃â€"NaI Chalcogenide System. Journal of the American Ceramic Society, 2015, 98, 3770-3774.	3.8	7
82	Optimization of draw processing parameters for As 2 Se 3 glass fiber. Optical Fiber Technology, 2017, 38, 46-50.	2.7	7
83	Local field effect influenced third-order optical nonlinearity of whole visible transparent chalcogenide glass ceramics. Ceramics International, 2019, 45, 10840-10844.	4.8	7
84	Nanocrystallization and optical properties of CsPbBr3â^'I perovskites in chalcogenide glasses. Journal of the European Ceramic Society, 2021, 41, 4584-4589.	5.7	7
85	Chalcogenide glass ceramics: A high-performing innovative infrared acousto-optic material. Journal of the European Ceramic Society, 2021, 41, 7215-7221.	5.7	7
86	Exceptionally high sodium ion conductivity and enhanced air stability in Na3SbS4 via germanium doping. Journal of Alloys and Compounds, 2022, 913, 165229.	5.5	7
87	Optical properties and crystallization behavior of 45GeS2Â·30Ga2S3Â·25Sb2S3 chalcogenide glass. Journal of Non-Crystalline Solids, 2014, 383, 112-115.	3.1	6
88	Lilac ceramic pigments based on Ba 0.5 Sr 0.5 Zn 2â^'x Ni x Si 2 O 7 solid solutions. Ceramics International, 2016, 42, 13035-13040.	4.8	6
89	Effect of gallium addition on physical and structural properties of Geâ€"S chalcogenide glasses. Ceramics International, 2017, 43, 12205-12208.	4.8	6
90	Structural characterization and compositional dependence of the optical properties of Geâ€"Gaâ€"Laâ€"S chalcohalide glass system. Optical Materials, 2018, 78, 295-301.	3.6	6

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91	A modified chalcogenide flux method for confining metal halide nanocrystals into transparent glassy matrix. Journal of the European Ceramic Society, 2020, 40, 6037-6042.	5.7	6
92	Preparation of polarizing glasses of large size based on the directional alignment of crystal nucleus. Materials Letters, 2008, 62, 4100-4102.	2.6	5
93	Glass formation and physical properties of chalcogenide glasses in Geâ€“Sâ€“Pb system. Infrared Physics and Technology, 2014, 63, 184-188.	2.9	5
94	Free-volume defects investigation of GeS 2 -Ga 2 S 3 -CsI chalcogenide glasses by positron annihilation spectroscopy. Infrared Physics and Technology, 2017, 83, 238-242.	2.9	5
95	Structures of Ge15Sb x Se85â^'x chalcogenide glasses affect their Raman gain performance. Applied Physics B: Lasers and Optics, 2017, 123, 1.	2.2	5
96	Physical and structural properties of Ge-rich chalcogenide glass sandwiched by GeS crystalline layers. Ceramics International, 2018, 44, 13827-13831.	4.8	5
97	Microhardness and optical property of chalcogenide glasses and glassâ€ceramics of the Snâ€“Sbâ€“Se ternary system. Journal of the American Ceramic Society, 2019, 102, 2066-2074.	3.8	5
98	Improvement of third-order nonlinear properties in GeS2â€“Sb2S3â€“CsCl chalcogenide glass ceramics embedded with CsCl nano-crystals. Ceramics International, 2020, 46, 27990-27995.	4.8	5
99	Study on correlation between network structure and third-order optical nonlinearity of chalcogenide glasses within a Ge-Sb-S ternary system. Journal of Non-Crystalline Solids, 2022, 588, 121628.	3.1	5
100	Infrared GRIN GeS₂â€“Sb₂S₃â€“CsCl chalcogenide glassâ€“ceramics. Journal of the American Ceramic Society, 2022, 105, 6007-6012.	3.8	5
101	On the optical properties of amorphous Geâ€“Gaâ€“Seâ€“KBr films prepared by pulsed laser deposition. Applied Surface Science, 2009, 255, 5952-5956.	6.1	4
102	Laser-induced phase transformation in chalcogenide glasses investigated by micro-Raman spectrometer. Journal Wuhan University of Technology, Materials Science Edition, 2014, 29, 9-12.	1.0	4
103	Preparation and Structure of New Oxyfluoride Glassâ€Ceramics Containing BaLiF₃ Nanocrystal. Journal of the American Ceramic Society, 2016, 99, 2878-2881.	3.8	4
104	Surface crystallization behavior and physical properties of (GeTe 4) 85 (AgI) 15 chalcogenide glass. Infrared Physics and Technology, 2017, 86, 135-138.	2.9	4
105	Structure and ionic conductivity of new Ga2S3-Sb2S3-NaI chalcogenide glass system. Physica B: Condensed Matter, 2019, 570, 53-57.	2.7	4
106	Prussian blue analog Co3[Co(CN)6]2 as a cathode material for lithiumâ€“sulfur batteries. Applied Physics Letters, 2020, 117, .	3.3	4
107	Enhanced third-order optical nonlinearity and photon luminescence of Sn2+ in gold nanoparticles embedded chalcogenide glasses. Journal of Materials Science, 2020, 55, 15882-15893.	3.7	4
108	Conductivity and structural properties of fast Ag-ion-conducting GaGeSbSâ€“AgI glassy electrolytes. Ceramics International, 2020, 46, 24882-24886.	4.8	4

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109	Structural phase evolved Ni²⁺â€‐doped fluoride nanocrystals in KFâˆ’ZnF₂âˆ’SiO₂ glassâ€‐ceramics. Journal of the American Ceramic Society, 2021, 104, 824-832.	3.8	4
110	Spectral fitting method for obtaining the refractive index and thickness of chalcogenide films. Optics Express, 2021, 29, 29329.	3.4	4
111	Tunable broadband near-infrared luminescence in glass realized by defect-engineering. Optics Express, 2021, 29, 32149.	3.4	4
112	Formation and physical and structural properties of Sb2S3-PbI2 chalcogenide glasses. Journal of Non-Crystalline Solids, 2021, 570, 120993.	3.1	4
113	Effect of heat treatment on AgIâ€‐rich chalcogenide glasses with enhanced ionic conductivity. Journal of the American Ceramic Society, 2019, 102, 1309-1315.	3.8	3
114	Fabrication and microstructure of perovskite CsPbCl 3 nanocrystallized chalcogenide glassâ€‐ceramics. Journal of the American Ceramic Society, 2019, 102, 5045-5049.	3.8	3
115	Structure promoted electrochemical behavior and chemical stability of AgIâ€‐doped solid electrolyte in sulfide glass system. Journal of the American Ceramic Society, 2020, 103, 6348-6355.	3.8	3
116	Controllable crystallization of cesium halides in GeS2â€“Sb2S3 based chalcogenide glasses. Ceramics International, 2021, 47, 11474-11480.	4.8	3
117	Trapped excited electrons in Ni²⁺-doped perovskite KZnF₃ nanocrystals in KFâ€“ZnF₂â€“SiO₂ glass ceramics. Optics Letters, 2020, 45, 4984.	3.3	3
118	Design and performance of mid-IR dispersion in photonic crystal fiber prepared from a flattened chalcogenide glass. Wuli Xuebao/Acta Physica Sinica, 2014, 63, 014210.	0.5	3
119	Study on third-order optical nonlinear properties of transparent chalcogenide glass ceramics within Geâ€“S binary system. Ceramics International, 2022, 48, 11209-11214.	4.8	3
120	Glass formation and optical properties of Sn modified GeS2-Ga2S3-CsCl chalcogenide glasses. Infrared Physics and Technology, 2022, 122, 104086.	2.9	3
121	Controlled nanoâ€‐crystallization of IR frequencyâ€‐doubling Cd 4 GeS 6 crystal in chalcogenide glass. Journal of the American Ceramic Society, 2020, 103, 4057-4062.	3.8	2
122	Translation Matching Method for Obtaining the Refractive Index of Chalcogenide Films Based on the Transmission Spectra. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-7.	4.7	2
123	Thermal-induced optical changes in the amorphous Ge20Sb15Se65 film. Wuli Xuebao/Acta Physica Sinica, 2013, 62, 096801.	0.5	2
124	Third-order optical nonlinearity of CsPb(Br/I)₃ metal halide perovskites nano-crystals embedded chalcogenide glass. Optics Express, 2022, 30, 28647.	3.4	2
125	Homogeneity and internal defects detect of infrared Se-based chalcogenide glass. Proceedings of SPIE, 2011, , .	0.8	1
126	Optical loss and residual stress measurement of infrared chalcogenide glasses and analysis on its influencing factors. , 2013, , .		1

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127	Glass formation and physical properties of Sb2S3â€“CuI chalcogenide system*. Chinese Physics B, 2021, 30, 016302.	1.4	1
128	Physiochemical properties and crystallization behavior of GeS2-In2S3 chalcogenide glasses. Wuli Xuebao/Acta Physica Sinica, 2015, 64, 054208.	0.5	1
129	Modeling and simulation of mid-IR amplifying characteristics of Tm3+-doped chalcogenide Photonic Crystal Fibers. Infrared Physics and Technology, 2014, 63, 178-183.	2.9	0
130	Annealing-induced network evolution and optical property of chalcogenide thinfilm within germanium-sulfur binary system. Journal of Non-Crystalline Solids, 2022, 575, 121187.	3.1	0
131	Crystallization behavior and kinetics mechanism of 20GeS2Â·80Sb2S3 chalcogenide glass. Wuli Xuebao/Acta Physica Sinica, 2013, 62, 184211.	0.5	0
132	Ni2+:KZnF3 Glass-Ceramics Waveguide Beam Splitters Inscribed by Femtosecond Laser. , 2018, , .		0
133	Femtosecond Laser Writing Waveguide in KZnF3:Ni2+. , 2019, , .		0
134	Trapped excited electrons in Ni2+-doped perovskite KZnF3 nanocrystals in KFâ€“ZnF2â€“SiO2 glass ceramics: publisherâ€™s note. Optics Letters, 2020, 45, 5376.	3.3	0
135	Non-Oxide Optical Materials: Introduction to the Special Issue. Optical Materials Express, 0, , .	3.0	0
136	Effect of biphasic-phase on the mid-infrared emission properties of Pr3+ doped GeSe2-Ga2Se3 chalcogenide glass ceramics. Journal of Luminescence, 2022, 249, 119049.	3.1	0