

# Susan Schorr

## List of Publications by Year in descending order

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205  
papers

5,866  
citations

81900

39  
h-index

88630

70  
g-index

213  
all docs

213  
docs citations

213  
times ranked

4483  
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature-Dependent EXAFS Measurements of the Pb L3-Edge Allow Quantification of the Anharmonicity of the Lead-Halide Bond of Chlorine-Substituted Methylammonium (MA) Lead Triiodide. <i>Journal of Physical Chemistry C</i> , 2022, 126, 5388-5402.	3.1	5
2	BaZr <sub>3</sub> Chalcogenide Perovskite Thin Films by H <sub>2</sub> S Sulfurization of Oxide Precursors. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 2148-2153.	4.6	46
3	Symmetry relations in wurtzite nitrides and oxide nitrides and the curious case of <i>Pmc</i> <sub>1</sub> . <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2021, 77, 208-216.	0.1	10
4	Hybrid Perovskite at Full Tilt: Structure and Symmetry Relations of the Incommensurately Modulated Phase of Methylammonium Lead Bromide, MAPbBr <sub>3</sub> . <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 2358-2362.	4.6	15
5	Atomic Scale Structure of (Ag,Cu) <sub>2</sub> ZnSnSe <sub>4</sub> and Cu <sub>2</sub> Zn(Sn,Ge)Se <sub>4</sub> Kesterite Thin Films. <i>Frontiers in Energy Research</i> , 2021, 9, .	2.3	4
6	Conductivity mechanisms and influence of the Cu/Zn disorder on electronic properties of the powder Cu <sub>2</sub> ZnSn(S <sub>1-x</sub> Se <sub>x</sub> ) <sub>4</sub> solid solutions. <i>Journal of Materials Research and Technology</i> , 2021, 13, 2251-2259.	5.8	1
7	Analysis of grain orientation and defects in Sb <sub>2</sub> Se <sub>3</sub> solar cells fabricated by close-spaced sublimation. <i>Solar Energy</i> , 2021, 225, 494-500.	6.1	31
8	Elucidation of the reaction mechanism for the synthesis of ZnGeN <sub>2</sub> through Zn <sub>2</sub> GeO <sub>4</sub> ammonolysis. <i>Chemical Science</i> , 2021, 12, 8493-8500.	7.4	2
9	Climbing Jacob's ladder: A density functional theory case study for Ag <sub>2</sub> ZnSnSe <sub>4</sub> and Cu <sub>2</sub> ZnSnSe <sub>4</sub> . <i>JPhys Energy</i> , 2021, 3, 015002.	5.3	5
10	On the ground state crystal structure of (Ag <sub>0.5</sub> Cu <sub>0.5</sub> ) <sub>2</sub> ZnSnSe <sub>4</sub> . <i>Thin Solid Films</i> , 2021, 738, 138957.	1.8	6
11	Point defects, compositional fluctuations, and secondary phases in non-stoichiometric kesterites. <i>JPhys Energy</i> , 2020, 2, 012002.	5.3	92
12	Role of the Iodide-Methylammonium Interaction in the Ferroelectricity of CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> . <i>Angewandte Chemie - International Edition</i> , 2020, 59, 424-428.	13.8	37
13	Zur Rolle der Iodid-Methylammonium-Interaktion in der Ferroelektrizität in CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> . <i>Angewandte Chemie</i> , 2020, 132, 432-436.	2.0	2
14	On the Germanium Incorporation in Cu <sub>2</sub> ZnSnSe <sub>4</sub> Kesterite Solar Cells Boosting Their Efficiency. <i>ACS Applied Energy Materials</i> , 2020, 3, 558-564.	5.1	11
15	Twinning in MAPbI <sub>3</sub> at room temperature uncovered through Laue neutron diffraction. <i>Scientific Reports</i> , 2020, 10, 16613.	3.3	17
16	Cu/Zn disorder in stoichiometric Cu <sub>2</sub> ZnSn(S <sub>1-x</sub> Se <sub>x</sub> ) <sub>4</sub> semiconductors: A complementary neutron and anomalous X-ray diffraction study. <i>Journal of Alloys and Compounds</i> , 2020, 846, 156304.	5.5	10
17	Neutron Diffraction Study of Magnetic and Structural Transitions in Complex Nb-Doped Cobalt Oxides. <i>Journal of Surface Investigation</i> , 2020, 14, S218-S220.	0.5	0
18	Interplay of Performance-Limiting Nanoscale Features in Cu <sub>2</sub> ZnSn(S,Se) <sub>4</sub> Solar Cells. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2020, 217, 2000456.	1.8	3

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19	Atomic scale structure and its impact on the band gap energy for $\text{Cu}_2\text{Zn}(\text{Sn},\text{Ge})\text{Se}_4$ kesterite alloys. <i>JPhys Energy</i> , 2020, 2, 035004.	5.3	3
20	Effect of Ag incorporation on structure and optoelectronic properties of $(\text{Ag}_{1-x}\text{Cu}_x)_2\text{ZnSnSe}_4$ solid solutions. <i>Physical Review Materials</i> , 2020, 4, .	2.4	12
21	The influence of deuteration on the crystal structure of hybrid halide perovskites: a temperature-dependent neutron diffraction study of $\text{FAPbBr}_3$ . <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2020, 76, 267-274.	1.1	20
22	Thermal and electrical conductivity of single crystalline kesterite $\text{Cu}_2\text{ZnSnS}_4$ . <i>Materials Research Express</i> , 2020, 7, 105908.	1.6	1
23	Cation distribution in $\text{Cu}_2\text{ZnSnSe}_4$ , $\text{Cu}_2\text{FeSnS}_4$ and $\text{Cu}_2\text{ZnSiSe}_4$ by multiple-edge anomalous diffraction. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2020, 76, 1027-1035.	1.1	5
24	Thin films of $(\text{Ag}_x\text{Cu}_{1-x})_2\text{ZnSn}(\text{S},\text{Se})_4$ ( $x=0.05-0.20$ ) prepared by spray pyrolysis. <i>Thin Solid Films</i> , 2019, 690, 137532.	1.8	8
25	EXAFS Study of the Local Order in $\text{Cu}_2\text{ZnSn}(\text{S}_x\text{Se}_{1-x})_4$ Alloys. <i>Physica Status Solidi (B): Basic Research</i> , 2019, 256, 1900150.	1.5	1
26	Origins of the Appearance of Ferromagnetic State and Colossal Magnetoresistance in Cobaltites. <i>Physics of Metals and Metallography</i> , 2019, 120, 325-332.	1.0	2
27	The Role of Bulk and Interface Recombination in High-Efficiency Low-Dimensional Perovskite Solar Cells. <i>Advanced Materials</i> , 2019, 31, e1901090.	21.0	59
28	On the Nitridation of $\text{Zn}_2\text{GeO}_4$ . <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2019, 216, 1800885.	1.8	10
29	The Effect of Copper Vacancies on the Anion Position of Chalcopyrite Type $\text{CuGaS}_2$ . <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2019, 216, 1800882.	1.8	1
30	Influence of Chloride Substitution on the Rotational Dynamics of Methylammonium in $\text{MAPbCl}_3$ Perovskites. <i>Journal of Physical Chemistry C</i> , 2019, 123, 11436-11446.	3.1	20
31	Mechanochemical synthesis of the lead-free double perovskite $\text{Cs}_2[\text{AgIn}]\text{Br}_6$ and its optical properties. <i>JPhys Energy</i> , 2019, 1, 025003.	5.3	19
32	The phase diagram of a mixed halide (Br, I) hybrid perovskite obtained by synchrotron X-ray diffraction. <i>RSC Advances</i> , 2019, 9, 11151-11159.	3.6	76
33	$\text{Cu}_2\text{ZnGe}(\text{S}_{1-x}\text{Se}_x)_4$ – The challenge to synthesize single phase material. <i>Thin Solid Films</i> , 2019, 669, 625-628.	1.8	5
34	Spin state crossover and colossal magnetoresistance in barium-doped cobaltites. <i>Journal of Physics and Chemistry of Solids</i> , 2019, 129, 86-91.	4.0	2
35	Short-range versus long-range structure in $\text{Cu}(\text{In},\text{Ga})\text{Se}_2$ , $\text{Cu}(\text{In},\text{Ga})_3\text{Se}_5$ , and $\text{Cu}(\text{In},\text{Ga})_5\text{Se}_8$ . <i>Journal of Alloys and Compounds</i> , 2019, 774, 803-812.	5.5	15
36	Synthesis, theoretical and experimental characterisation of thin film $\text{Cu}_2\text{Sn}_1-\text{Ge}_3$ ternary alloys ( $x=$ )	7.98	15

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37	Infrared Spectroscopic Study of Vibrational Modes across the Orthorhombicâ€“Tetragonal Phase Transition in Methylammonium Lead Halide Single Crystals. <i>Journal of Physical Chemistry C</i> , 2018, 122, 5227-5237.	3.1	61
38	Structural characterization of off-stoichiometric kesterite-type $\text{Cu}_2\text{ZnGeSe}_4$ compound semiconductors: from cation distribution to intrinsic point defect density. <i>CrystEngComm</i> , 2018, 20, 1491-1498.	2.6	30
39	$\text{Cu}_2\text{ZnSnSe}_4$ : How Far Does Off-Stoichiometry Go?. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2018, 215, 1700957.	1.8	5
40	Thickness-dependent structural parameters of kesterite $\text{Cu}_2\text{ZnSnSe}_4$ thin films for solar cell absorbers. <i>Materials Letters</i> , 2018, 225, 82-84.	2.6	8
41	Intrinsic point defects in off-stoichiometric $\text{Cu}_2\text{ZnSnSe}_4$ : A neutron diffraction study. <i>Journal of Applied Physics</i> , 2018, 123, .	2.5	39
42	Crystal structure and anti-site boundary defect characterisation of $\text{Cu}_2\text{ZnSnSe}_4$ . <i>Journal of Materials Chemistry A</i> , 2018, 6, 189-197.	10.3	11
43	Challenges and structural characterization of the solid solution $\text{Cu}_2\text{Zn}(\text{Ge}_x)$ Tj ETQq1 1 0.784314 rgBT <sub>0</sub> /Overlock		
44	Ë- cubic SnS and spinel-type $\text{Zn}_2\text{GeO}_4$ : Strategies for the bulk synthesis of metastable compounds for solar energy conversion.. , 2018, , .		0
45	(Ag<inf>x</inf>;Cu<inf>1-x</inf>)&lt;inf>2</inf>;ZnSn(S,Se)&lt;inf>4</inf>; Thin Films Prepared By Spray Pyrolysis: The Influence of the Ag Concentration. , 2018, , .		0
46	Structural and Optoelectronic Characterization of (Ag<inf>x</inf>;) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td (Cu<inf>x</inf>)		
47	Cation and anion substitutions in hybrid perovskites: solubility limits and phase stabilizing effects. , 2018, , .		2
48	What Defines a Perovskite?. <i>Advanced Energy Materials</i> , 2018, 8, 1802366.	19.5	44
49	An in-depth investigation on the grain growth and the formation of secondary phases of ultrasonic-sprayed $\text{Cu}_2\text{ZnSnS}_4$ based thin films assisted by Na crystallization catalyst. <i>Solar Energy</i> , 2018, 176, 277-286.	6.1	8
50	Magnetic Phase Diagrams of $\text{R}_1\text{â€“}x\text{Sr}_x(\text{Mn}_1\text{â€“}x/2\text{Sbx}/2)\text{O}_3$ (R = La, Pr, Nd, Sm, Eu) with Trivalent Manganese Ions. <i>Physics of the Solid State</i> , 2018, 60, 1762-1767.	0.6	0
51	Determination of the miscibility gap in the solid solutions series of methylammonium lead iodide/chloride. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2018, 74, 445-449.	1.1	11
52	Advanced characterization and in-situ growth monitoring of $\text{Cu}(\text{In,Ga})\text{Se}_2$ thin films and solar cells. <i>Solar Energy</i> , 2018, 170, 102-112.	6.1	11
53	Magnetic Structure and Magnetotransport Properties of $\text{La}_{0.7}\text{Sr}_{0.3}\text{Mn}_1\text{â€“}x\text{Ni}_x\text{O}_3$ . <i>Physics of Metals and Metallography</i> , 2018, 119, 316-323.	1.0	2
54	Ferromagnetic ordering, magnetic and magnetotransport properties of $\text{R}_1\text{â€“}x\text{Sr}_x(\text{Mn}_1\text{â€“}x/2\text{Sbx}/2)\text{O}_3$ (R =) Tj ETQq0 0 0 rgBT <sub>1</sub> /Overlock		

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55	Discrepancy between integral and local composition in off-stoichiometric Cu <sub>2</sub> ZnSnSe <sub>4</sub> kesterites: A pitfall for classification. Applied Physics Letters, 2017, 110, .	3.3	19
56	Mechanisms of conductivity and energy spectrum of near-edge holes in Cu <sub>2</sub> ZnSnS <sub>4</sub> powder samples. Journal of Alloys and Compounds, 2017, 703, 315-320.	5.5	11
57	Temperature dependent transient surface photovoltage spectroscopy of a Cu <sub>1.95</sub> Zn <sub>1.1</sub> Sn <sub>0.96</sub> Se <sub>4</sub> kesterite single phase powder. Applied Physics Letters, 2017, 110, .	3.3	15
58	Cu <sub>2</sub> ZnSnS <sub>4</sub> thin film solar cells grown by fast thermal evaporation and thermal treatment. Solar Energy, 2017, 141, 236-241.	6.1	32
59	Magnetic phase transformations and magnetotransport phenomena in La <sub>0.7</sub> Sr <sub>0.3</sub> Mn <sub>1-x</sub> Co <sub>x</sub> O <sub>3</sub> perovskite compounds. Journal of Experimental and Theoretical Physics, 2017, 125, 290-297.	0.9	2
60	The use of anomalous x-ray diffraction as a tool for the analysis of compound semiconductors. Semiconductor Science and Technology, 2017, 32, 103002.	2.0	5
61	Facile Bulk Synthesis of $\sqrt{3}$ -Cubic SnS. Inorganic Chemistry, 2017, 56, 11455-11457.	4.0	27
62	Valence and conduction band edges of selenide and sulfide-based kesterites—a study by x-ray based spectroscopy and ab initio theory. Semiconductor Science and Technology, 2017, 32, 104010.	2.0	1
63	Magnetic ordering in manganites doped by Ti and Al. Ceramics International, 2017, 43, 187-191.	4.8	3
64	4. Microstructure analysis of chalcopyrite-type Cu <sub>2</sub> ZnSe <sub>4</sub> and kesterite-type Cu <sub>2</sub> ZnSnSe <sub>4</sub> absorber layers in thin film solar cells. , 2017, , 73-98.		1
65	A Laue diffractometer for ambient and non-ambient neutron structural analysis. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C135-C135.	0.1	1
66	New avenues in experimentation on diffusion-controlled mineral reactions. , 2017, , 5-36.		1
67	Microstrain distribution mapping on CuInSe <sub>2</sub> thin films by means of electron backscatter diffraction, X-ray diffraction, and Raman microspectroscopy. Ultramicroscopy, 2016, 169, 89-97.	1.9	12
68	Effects of annealing on elemental composition and quality of CZTSSe thin films obtained by spray pyrolysis. Surface Engineering and Applied Electrochemistry, 2016, 52, 509-514.	0.8	5
69	Structure reinvestigation of $\hat{1}^{\pm}$ , $\hat{1}^2$ - and $\hat{1}^3$ -In <sub>2</sub> S <sub>3</sub> . Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2016, 72, 410-415.	1.1	72
70	Secondary phases and their influence on the composition of the kesterite phase in CZTS and CZTSe thin films. Physical Chemistry Chemical Physics, 2016, 18, 15988-15994.	2.8	77
71	Structural characterization of Cu <sub>2</sub> SnS <sub>3</sub> and Cu <sub>2</sub> (Sn,Ge)S <sub>3</sub> compounds. Journal of Alloys and Compounds, 2016, 682, 489-494.	5.5	12
72	Temperature dependency of Cu/Zn ordering in CZTSe kesterites determined by anomalous diffraction. Physica Status Solidi (B): Basic Research, 2016, 253, 1890-1897.	1.5	39

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73	Off-stoichiometric CZTS: Neutron scattering investigations on mechanochemically synthesized powders. <i>Journal of Alloys and Compounds</i> , 2016, 689, 271-277.	5.5	23
74	The influence of sodium on the point defect characteristics in off stoichiometric CuInSe <sub>2</sub> . <i>Journal of Physics and Chemistry of Solids</i> , 2016, 98, 309-315.	4.0	10
75	Cu-Zn disorder in Cu <sub>2</sub> ZnGeSe <sub>4</sub> : A complementary neutron diffraction and Raman spectroscopy study. <i>Journal of Physics and Chemistry of Solids</i> , 2016, 99, 100-104.	4.0	33
76	Interaction between cation orientation, octahedra tilting and hydrogen bonding in methylammonium lead triiodide. <i>Crystal Research and Technology</i> , 2016, 51, 534-540.	1.3	17
77	High pressure effects on the magnetic and crystal structure of La <sub>0.75</sub> Ba <sub>0.25</sub> CoO <sub>3</sub> . <i>Materials Chemistry and Physics</i> , 2016, 181, 78-81.	4.0	2
78	Quantitative anomalous powder diffraction analysis of cation disorder in kesterite semiconductors. <i>Powder Diffraction</i> , 2016, 31, 168-175.	0.2	10
79	A mechanochemical route to single phase Cu <sub>2</sub> ZnSnS <sub>4</sub> powder. <i>Journal of Alloys and Compounds</i> , 2016, 670, 289-296.	5.5	37
80	Role of S and Se atoms on the microstructural properties of kesterite Cu <sub>2</sub> ZnSn(S <sub>x</sub> Se <sub>1-x</sub> ) <sub>4</sub> thin film solar cells. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 8692-8700.	2.8	43
81	Existence of off-stoichiometric single phase kesterite. <i>Journal of Alloys and Compounds</i> , 2016, 657, 408-413.	5.5	88
82	Systematic compositional changes and their influence on lattice and optoelectronic properties of Cu <sub>2</sub> ZnSnSe <sub>4</sub> kesterite solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2016, 144, 579-585.	6.2	62
83	Laue Diffraction Using Scintillator Detectors. <i>Physics Procedia</i> , 2015, 69, 314-319.	1.2	1
84	Ferromagnetic ordering in La <sub>0.7</sub> Sr <sub>0.3</sub> Mn <sub>3+0.85</sub> Nb <sub>5+0.15</sub> O <sub>3</sub> manganite. <i>Powder Diffraction</i> , 2015, 30, S97-S100.	0.2	4
85	X-ray diffraction investigation on Cu <sub>2</sub> ZnSiSe <sub>4</sub> single and polycrystalline crystals. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2015, 230, 507-511.	0.8	14
86	High pressure induced spin state crossover in Sr <sub>2</sub> CaYCo <sub>4</sub> O <sub>10.5</sub> . <i>Journal of Physics Condensed Matter</i> , 2015, 27, 046005.	1.8	4
87	Composition-dependent nanostructure of Cu(In,Ga)Se <sub>2</sub> powders and thin films. <i>Thin Solid Films</i> , 2015, 582, 356-360.	1.8	8
88	Chalcopyrite Thin-Film Solar-Cell Devices. <i>Neutron Scattering Applications and Techniques</i> , 2015, , 83-107.	0.2	2
89	Raman scattering quantitative analysis of the anion chemical composition in kesterite Cu <sub>2</sub> ZnSn(S <sub>x</sub> Se <sub>1-x</sub> ) <sub>4</sub> solid solutions. <i>Journal of Alloys and Compounds</i> , 2015, 628, 464-470.	5.5	69
90	Transmittance Spectra of Cu <sub>2</sub> ZnSnS <sub>4</sub> Thin Films. <i>Journal of Electronic Materials</i> , 2015, 44, 3283-3287.	2.2	6

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91	Structural characterisation of $\text{Cu}_{2.04}\text{Zn}_{0.91}\text{Sn}_{1.05}\text{S}_{2.08}\text{Se}_{1.92}$ . <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2015, 12, 588-591.	0.8	19
92	The HZB neutron Laue diffractometer: From E11 to FALCON. <i>Neutron News</i> , 2014, 25, 27-29.	0.2	7
93	Multiwavelength excitation Raman scattering of $\text{Cu}_2\text{ZnSn}(\text{S}_x\text{Se}_{1-x})_4$ polycrystalline thin films: Vibrational properties of sulfoselenide solid solutions. <i>Applied Physics Letters</i> , 2014, 105, .	3.3	64
94	Excitonic and band-band transitions of $\text{Cu}_2\text{ZnSiS}_4$ determined from reflectivity spectra. <i>Solid State Communications</i> , 2014, 190, 44-48.	1.9	5
95	Local structure in $\text{Cu}_2\text{ZnSnS}_4$ studied by the XAFS method. <i>Solid State Communications</i> , 2014, 177, 54-56.	1.9	18
96	Exciton spectra and energy band structure of $\text{Cu}_2\text{ZnSiSe}_4$ . <i>Journal of Alloys and Compounds</i> , 2014, 587, 393-397.	5.5	12
97	Neutron diffraction studies of the structure of substituted complex cobalt oxides. <i>Physics of the Solid State</i> , 2014, 56, 77-80.	0.6	2
98	Spectroscopic ellipsometry study of $\text{Cu}_2\text{ZnSnSe}_4$ bulk crystals. <i>Applied Physics Letters</i> , 2014, 105, 061909.	3.3	26
99	Vibrational and structural properties of $\text{Cu}_{2-x}\text{ZnSn}(\text{S}_x\text{Se}_{1-x})_4$ (0 ≤ x ≤ 1) solid solutions. , 2014, , .		0
100	Discrimination and detection limits of secondary phases in $\text{Cu}_2\text{ZnSnS}_4$ using X-ray diffraction and Raman spectroscopy. <i>Thin Solid Films</i> , 2014, 569, 113-123.	1.8	98
101	Growth of magnesio-aluminate spinel in thin-film geometry: in situ monitoring using synchrotron X-ray diffraction and thermodynamic model. <i>Physics and Chemistry of Minerals</i> , 2014, 41, 681-693.	0.8	11
102	Comparison of Techniques for Strain Measurements in $\text{CuInSe}_2$ Absorber Layers of Thin-film Solar Cells. <i>Microscopy and Microanalysis</i> , 2014, 20, 1464-1465.	0.4	0
103	The role of point defects in multinary chalcogenide compound semiconductors. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2014, 70, C230-C230.	0.1	1
104	Energy spectrum of near-edge holes and conduction mechanisms in $\text{Cu}_2\text{ZnSiSe}_4$ single crystals. <i>Journal of Alloys and Compounds</i> , 2013, 580, 481-486.	5.5	21
105	Spectroscopic ellipsometry study of $\text{Cu}_2\text{ZnGeSe}_4$ and $\text{Cu}_2\text{ZnSiSe}_4$ poly-crystals. <i>Materials Chemistry and Physics</i> , 2013, 141, 58-62.	4.0	43
106	Single crystal X-ray structure investigation of $\text{Cu}_2\text{ZnSnSe}_4$ . <i>Surface Engineering and Applied Electrochemistry</i> , 2013, 49, 423-426.	0.8	19
107	Optically induced structural transformation in disordered kesterite $\text{Cu}_2\text{ZnSnS}_4$ . <i>JETP Letters</i> , 2013, 98, 255-258.	1.4	66
108	Characterization of $\text{Cu}_2\text{SnSe}_3$ by spectroscopic ellipsometry. <i>Thin Solid Films</i> , 2013, 535, 384-386.	1.8	4

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109	Structure refinements of members in the brownmillerite solid solution series $\text{Ca}_2\text{Al}_x(\text{Fe}_{0.5}\text{Mn}_{0.5})_2\text{O}_5$ with $1/2 \leq x \leq 4/3$ . <i>Journal of Solid State Chemistry</i> , 2013, 197, 420-428.	2.9	8
110	Raman scattering and disorder effect in $\text{Cu}_2\text{ZnSnS}_4$ . <i>Physica Status Solidi - Rapid Research Letters</i> , 2013, 7, 258-261.	2.4	136
111	Raman spectra of wurtzite quaternary compounds. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2013, 10, 1075-1078.	0.8	20
112	Photoluminescence characterization of $\text{Cu}_2\text{ZnGeS}_4$ single crystals. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2013, 10, 1079-1081.	0.8	14
113	$\text{Cu}_2\text{ZnSnS}_4$ thin films grown by spray pyrolysis: characterization by Raman spectroscopy and X-ray diffraction. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2013, 10, 1082-1085.	0.8	23
114	Atomic-scale structure, cation distribution, and bandgap bowing in $\text{Cu}(\text{In,Ga})\text{S}_2$ and $\text{Cu}(\text{In,Ga})\text{Se}_2$ . <i>Applied Physics Letters</i> , 2013, 103, .	3.3	16
115	Ternary and Multinary Compounds. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2013, 10, 987-988.	0.8	0
116	Pressure effects on oxygen-deficient Ba-substituted cobaltites. <i>Powder Diffraction</i> , 2013, 28, S126-S132.	0.2	1
117	Crystallographic study of phases present in $\text{CuInSe}_2$ absorber layers produced by laser annealing co-electrodeposited precursors. <i>Proceedings of SPIE</i> , 2013, , .	0.8	4
118	$\text{AgGaSe}_2$ thin films grown by chemical close-spaced vapor transport for photovoltaic applications: structural, compositional and optical properties. <i>Journal of Physics Condensed Matter</i> , 2012, 24, 175801.	1.8	8
119	Shocked quartz in Sahara fulgurite. <i>European Journal of Mineralogy</i> , 2012, 24, 499-507.	1.3	16
120	Cationic point defects in $\text{CuGaSe}_2$ from a structural perspective. <i>Applied Physics Letters</i> , 2012, 101, 101907.	3.3	16
121	Atomic-scale structure and band-gap bowing in $\text{Cu}(\text{In,Ga})\text{Se}_2$ . <i>Physical Review B</i> , 2012, 85, .	3.2	36
122	Vibrational properties of stannite and kesterite type compounds: Raman scattering analysis of $\text{Cu}_2(\text{Fe,Zn})\text{SnS}_4$ . <i>Journal of Alloys and Compounds</i> , 2012, 539, 190-194.	5.5	201
123	Crystal structure and physical properties of $\text{YbCuZnSb}_2$ . <i>Surface Engineering and Applied Electrochemistry</i> , 2012, 48, 375-379.	0.8	4
124	Feedback mechanism for the stability of the band gap of $\text{CuInSe}_2$ . <i>Physical Review B</i> , 2012, 86, .	3.2	29
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