

# Christophe Candolfi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2992904/publications.pdf>

Version: 2024-02-01

125  
papers

2,738  
citations

236612

25  
h-index

233125

45  
g-index

129  
all docs

129  
docs citations

129  
times ranked

2343  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of the thermoelectric performance of polycrystalline $p$ -type SnSe. Applied Physics Letters, 2014, 104, .	1.5	323
2	Atomic Interactions in the $p$ -Type Clathrate I $Ba_{8}Au_{5.3}Ge_{40.7}$ . Inorganic Chemistry, 2011, 50, 1250-1257.	1.9	142
3	From crystal to glass-like thermal conductivity in crystalline minerals. Physical Chemistry Chemical Physics, 2015, 17, 19751-19758.	1.3	96
4	Facile General Route toward Tunable Magn@li Nanostructures and Their Use As Thermoelectric Metal Oxide/Carbon Nanocomposites. ACS Nano, 2011, 5, 9052-9061.	7.3	95
5	Invited Article: A round robin test of the uncertainty on the measurement of the thermoelectric dimensionless figure of merit of $Co_{0.97}Ni_{0.03}Sb_3$ . Review of Scientific Instruments, 2015, 86, 011301.	0.6	92
6	Crystal structure, electronic band structure and high-temperature thermoelectric properties of Te-substituted tetrahedrites $Cu_{12}Sb_{4-x}Te_xS_{13}(0.5 \text{ \AA} x)$ $T_j$ $E_T$ $Q$ $0$ $0$ $g$ $BT$ /Over		
7	Crystal structure and transport properties of $Ba_8Ge_{43-x}$ . Dalton Transactions, 2010, 39, 1078-1088.	1.6	77
8	Reinvestigation of the thermal properties of single-crystalline SnSe. Applied Physics Letters, 2017, 110, .	1.5	72
9	Synthesis, Crystal and Electronic Structures, and Thermoelectric Properties of the Novel Cluster Compound $Ag_3In_2Mo_{15}Se_{19}$ . Chemistry of Materials, 2012, 24, 2899-2908.	3.2	53
10	Exsolution Process as a Route toward Extremely Low Thermal Conductivity in $Cu_{12}Sb_4Te_xS_{13}$ Tetrahedrites. Chemistry of Materials, 2015, 27, 8354-8361.	3.2	49
11	Electronic and thermodynamic properties of the type-I clathrate $Ba_8Au_{5.3}Ge_{40.7}$ . Physical Review Letters, 2007, 99, 037006.	1.1	44
12	X-ray Characterization, Electronic Band Structure, and Thermoelectric Properties of the Cluster Compound $Ag_2Ti_2Mo_9Se_{11}$ . Inorganic Chemistry, 2014, 53, 11699-11709.	1.9	43
13	Spin Fluctuations and Superconductivity in $Mo_3Sb_4$ . Physical Review Letters, 2007, 99, 037006.	2.9	42
14	$BaGe_5$ : A New Type of Intermetallic Clathrate. Journal of the American Chemical Society, 2010, 132, 10984-10985.	6.6	39
15	A comprehensive study of the crystallization of $CuAsTe$ glasses: microstructure and thermoelectric properties. Journal of Materials Chemistry A, 2013, 1, 8190.	5.2	39
16	Electronic band structure, magnetic, transport and thermodynamic properties of In-filled skutterudites $InxCo_4Sb_{12}$ . Journal Physics D: Applied Physics, 2013, 46, 495106.	1.3	39
17	Diffusion-Controlled Formation of $Ti_2O_3$ during Spark-Plasma Synthesis. Inorganic Chemistry, 2013, 52, 4458-4463.	1.9	35
18	Effective medium theory based modeling of the thermoelectric properties of composites: comparison between predictions and experiments in the glass-crystal composite system $Si_{10}As_{15}Te_{75}Bi_{0.4}Sb_{1.6}Te_3$ . Journal of Materials Chemistry C, 2015, 3, 11090-11098.	2.7	33

#	ARTICLE	IF	CITATIONS
19	High-Temperature Thermoelectric Properties of Sn-Doped $\text{As}_2\text{Te}_3$ . <i>Advanced Electronic Materials</i> , 2015, 1, 1400008.	2.6	32
20	Thermoelectric properties of double-substituted tetrahedrites $\text{Cu}_{12-x}\text{Co}_x\text{Sb}_{4-y}\text{Te}_y\text{S}_{13}$ . <i>Dalton Transactions</i> , 2016, 45, 7294-7302.	1.6	32
21	Innovative design of bismuth-telluride-based thermoelectric micro-generators with high output power. <i>Energy and Environmental Science</i> , 2020, 13, 3579-3591.	15.6	32
22	Band structure engineering in $\text{Sn}_{1.03}\text{Te}$ through an In-induced resonant level. <i>Journal of Materials Chemistry C</i> , 2020, 8, 977-988.	2.7	30
23	Synthesis, Crystal Structure, and Physical Properties of the Type-I Clathrate $\text{Ba}_8\text{Ni}_x\text{Sb}_{4-y}\text{Si}_{46}$ . <i>Inorganic Chemistry</i> , 2012, 51, 4730-4741.	1.9	29
24	Thermal stability and thermoelectric properties of $\text{Cu}_x\text{As}_{40-x}\text{Te}_{60-y}\text{Se}_y$ semiconducting glasses. <i>Journal of Solid State Chemistry</i> , 2013, 203, 212-217.	1.4	29
25	High temperature thermoelectric properties of the type-I clathrate $\text{Ba}_8\text{Au}_x\text{Si}_{46-x}$ . <i>Journal of Applied Physics</i> , 2012, 111, .	1.1	28
26	High Temperature Transport Properties of Tetrahedrite $\text{Cu}_{12-x}\text{M}_x\text{Sb}_4\text{Te}_y\text{S}_{13}$ ( $\text{M}=\text{Zn, Ni}$ ) Compounds. <i>Journal of Electronic Materials</i> , 2016, 45, 1601-1605.	1.0	27
27	Thermoelectric properties of $\text{In}_0.2\text{Co}_4\text{Sb}_{12}$ skutterudites with embedded PbTe or ZnO nanoparticles. <i>Journal of Alloys and Compounds</i> , 2014, 589, 513-523.	2.8	25
28	Polymorphism in Thermoelectric $\text{As}_2\text{Te}_3$ . <i>Inorganic Chemistry</i> , 2015, 54, 9936-9947.	1.9	25
29	Crystal Structure and Transport Properties of the Homologous Compounds $(\text{PbSe})_5(\text{Bi})_2(\text{Se})_3$ ( $m = 2, 3$ ). <i>Inorganic Chemistry</i> , 2018, 57, 422-434.	1.9	25
30	High Power Density Thermoelectric Generators with Skutterudites. <i>Advanced Energy Materials</i> , 2021, 11, 2100580.	10.2	25
31	Comprehensive Study of the Low-Temperature Transport and Thermodynamic Properties of the Cluster Compounds $\text{Ag}_x\text{Mo}_9\text{Se}_{11}$ (3.41 at% x 3.78). <i>Chemistry</i> 3.2	3.2	24
32	Disorder-driven glasslike thermal conductivity in colusite $\text{Cu}_2\text{Sb}_2\text{Te}_2$ . <i>Journal of Applied Physics</i> , 2018, 123, 155101.	0.9	24
33	Crystal structure and physical properties of the type-I clathrates $\text{Ba}_8\text{Ni}_x\text{Sb}_{4-y}\text{Si}_{46-x}$ . <i>Inorganic Chemistry</i> , 2012, 51, 4730-4741.	1.1	23
34	An Sn-induced resonant level in $\text{As}_2\text{Te}_3$ . <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 12948-12957.	1.3	23
35	Ordered sphalerite derivative $\text{Cu}_5\text{Sn}_2\text{S}_7$ : a degenerate semiconductor with high carrier mobility in the $\text{Cu-Sn-S}$ diagram. <i>Journal of Materials Chemistry A</i> , 2021, 9, 10812-10826.	5.2	23
36	Conventional $\text{Mo}_3\text{Sb}_7$ -wave pairing in the presence of spin fluctuations in superconducting $\text{Mo}_3\text{Sb}_7$ . <i>Journal of Applied Physics</i> , 2018, 123, 155101.	1.1	22

#	ARTICLE	IF	CITATIONS
37	Improved Thermoelectric Properties in Melt-Spun SnTe. ACS Omega, 2017, 2, 7106-7111.	1.6	22
38	Thermoelectric properties of the tetrahedrite-tennantite solid solutions $\text{Cu}_{12}\text{Sb}_4\text{As}_x\text{S}_{13}$ and $\text{Cu}_{10}\text{Co}_2\text{Sb}_4\text{As}_y\text{S}_{13}$ (0 ≤ x < 1, y < 1). Tj ETQ 0 0 0 rg BT / Overlock	1.3	21
39	Beneficial influence of Ru on the thermoelectric properties of Mo <sub>3</sub> Sb <sub>7</sub> . Journal of Applied Physics, 2009, 105, 083701.	1.1	20
40	Enhanced thermoelectric performance in $\text{Mg}_{3+x}\text{Sb}_{1.5}\text{Bi}_{0.49}\text{Te}_{0.01}$ via engineering microstructure through melt-centrifugation. Journal of Materials Chemistry A, 2021, 9, 1733-1742.	5.2	20
41	Reduced phase space of heat-carrying acoustic phonons in single-crystalline InTe. Physical Review Research, 2020, 2, .	1.3	20
42	Transport Properties of Polycrystalline p-type SnSe. Materials Today: Proceedings, 2015, 2, 690-698.	0.9	19
43	Neutron Diffraction and Ab initio Studies of Te Site Preference in $\text{Mo}_3\text{Sb}_7\text{Te}_x$ . Chemistry of Materials, 2008, 20, 6556-6561.	3.2	18
44	Effect of Isovalent Substitution on the Electronic Structure and Thermoelectric Properties of the Solid Solution $\text{As}_2\text{Te}_3\text{Se}_x$ (0 ≤ x < 1.5). Inorganic Chemistry, 2017, 56, 2248-2257.	1.9	18
45	High-Temperature Transport Properties of Colusite $\text{Cu}_2\text{Te}_2\text{V}_2\text{Ge}_6\text{S}_{32}$ (T = Ni, Co). Journal of Electronic Materials, 2017, 46, 2684-2690.	1.0	18
46	Synthesis and physical properties of single-crystalline InTe: towards high thermoelectric performance. Journal of Materials Chemistry C, 2021, 9, 5250-5260.	2.7	18
47	High thermoelectric performance in Sn-substituted $\text{As}_2\text{Te}_3$ . Journal of Materials Chemistry C, 2016, 4, 2329-2338.	2.7	17
48	Thermoelectric Properties of the $\text{As}_2\text{Te}_3$ Crystalline Phase. Journal of Electronic Materials, 2016, 45, 1447-1452.	1.0	17
49	Influence of Ni impurities on the thermoelectric properties of Ca-partially filled skutterudites $\text{Ca}_x\text{Co}_4\text{Sb}_{12}$ . Applied Physics Letters, 2012, 101, .	1.5	16
50	Cu Insertion Into the $\text{Mo}_{12}$ Cluster Compound $\text{Cs}_2\text{Mo}_{12}\text{Se}_{14}$ : Synthesis, Crystal and Electronic Structures, and Physical Properties. Inorganic Chemistry, 2016, 55, 6616-6624.	1.9	16
51	HPHT synthesis of highly doped $\text{In}_x\text{Co}_4\text{Sb}_{12}$ – Experimental and theoretical study. Journal of Alloys and Compounds, 2017, 727, 1178-1188.	2.8	16
52	Thermoelectric Properties of Magnesium-Doped Tetrahedrite $\text{Cu}_{12}\text{Mg}_x\text{Sb}_4\text{S}_{13}$ . Journal of Electronic Materials, 2019, 48, 1926-1931.	1.0	16
53	Comprehensive study of the low-temperature transport properties of polycrystalline $\text{S}_n$		

#	ARTICLE	IF	CITATIONS
55	Influence of S and Te substitutions on the thermoelectric properties of the cluster compound Ag <sub>3.8</sub> Mo <sub>9</sub> Se <sub>11</sub> . Journal of Alloys and Compounds, 2018, 739, 360-367.	2.8	15
56	A Tunable Structural Family with Ultralow Thermal Conductivity: Copper-Deficient Cu <sub>1-x</sub> Bi <sub>1+x</sub> S <sub>3-x</sub> . Journal of the American Chemical Society, 2022, 144, 1846-1860.	3.6	15
57	Transport properties of the Mo <sub>3</sub> Sb <sub>7</sub> compound. Physical Review B, 2009, 79, .	1.1	14
58	Thermoelectric Properties of the Clathrate Ba <sub>8</sub> Ge <sub>43</sub> . Journal of Electronic Materials, 2010, 39, 2039-2042.	1.0	14
59	High temperature thermoelectric properties of CoSb <sub>3</sub> skutterudites with PbTe inclusions. Journal of Materials Science, 2013, 48, 2761-2766.	1.7	14
60	Influence of ZnO nano-inclusions on the transport properties of the CoSb <sub>3</sub> skutterudite. Journal of Alloys and Compounds, 2013, 554, 340-347.	2.8	14
61	Synthesis, Crystal Structure, and Transport Properties of the Hexagonal Mo <sub>9</sub> Cluster Compound Ag <sub>3</sub> RbMo <sub>9</sub> Se <sub>11</sub> . Inorganic Chemistry, 2017, 56, 9684-9692.	1.9	14
62	Stabilization of Metastable Thermoelectric Crystalline Phases by Tuning the Glass Composition in the CuAsTe System. Inorganic Chemistry, 2018, 57, 754-767.	1.9	14
63	Local-Disorder-Induced Low Thermal Conductivity in Degenerate Semiconductor Cu <sub>22</sub> Sn <sub>10</sub> S <sub>32</sub> . Inorganic Chemistry, 2021, 60, 16273-16285.	1.9	14
64	High thermoelectric power factor in Fe-substituted Mo <sub>3</sub> Sb <sub>7</sub> . Applied Physics Letters, 2010, 96, 262103.	1.5	13
65	Optimum in the thermoelectric efficiency of nanostructured Nb-doped TiO <sub>2</sub> ceramics: from polarons to Nb <sup>2+</sup> dimers. Physical Chemistry Chemical Physics, 2020, 22, 13008-13016.	1.3	13
66	Thermoelectric materials for space applications. CEAS Space Journal, 2021, 13, 325-340.	1.1	13
67	Enhanced thermoelectric performance of InTe through Pb doping. Journal of Materials Chemistry C, 2021, 9, 14490-14496.	2.7	13
68	Neutron Diffraction, Electronic Band Structure, and Electrical Resistivity of Mo <sub>3-x</sub> Ru <sub>x</sub> Sb <sub>7</sub> . Inorganic Chemistry, 2009, 48, 5216-5223.	1.9	12
69	High temperature thermoelectric properties of Mo <sub>3</sub> Sb <sub>7-x</sub> Te <sub>x</sub> (0.0 ≤ x ≤ 1.8). Journal of Physics Condensed Matter, 2010, 22, 025801.	0.7	12
70	Transport properties of the clathrate BaGe <sub>5</sub> . Journal of Applied Physics, 2011, 110, 043715.	1.1	12
71	Towards the prediction of the transport properties of cluster-based molybdenum chalcogenides. Journal of Materials Chemistry C, 2017, 5, 12097-12104.	2.7	12
72	Residual resistivity as an independent indicator of resonant levels in semiconductors. Materials Horizons, 2021, 8, 1735-1743.	6.4	12

#	ARTICLE	IF	CITATIONS
73	Electronic structure, low-temperature transport and thermodynamic properties of polymorphic $\text{As}_2\text{Te}_3$ . RSC Advances, 2016, 6, 52048-52057.	1.7	11
74	Synthesis, crystal structure and high-temperature transport properties of the new cluster compound $\text{Rb}_2\text{Mo}_{15}\text{Se}_{19}$ . Journal of Solid State Chemistry, 2016, 237, 1-6.	1.4	11
75	Long-Range Cationic Order Collapse Triggered by S/Cl Mixed-Anion Occupancy Yields Enhanced Thermoelectric Properties in $\text{Cu}_5\text{Sn}_2\text{S}_7$ . Chemistry of Materials, 2021, 33, 9425-9438.	3.2	11
76	High temperature thermoelectric properties of the type-I clathrate $\text{Ba}_8\text{Ni}_x\text{Ge}_{46-x}\text{As}_y$ . Journal of Physics Condensed Matter, 2014, 26, 485801.	0.7	10
77	Electronic band structure and low-temperature transport properties of the type-I clathrate $\text{Ba}_8\text{Ni}_x\text{Ge}_{46-x}\text{As}_y$ . Dalton Transactions, 2015, 44, 7524-7537.	1.6	10
78	Thermoelectric properties and stability of glasses in the $\text{CuAsTe}$ system. Journal of the American Ceramic Society, 2017, 100, 2840-2851.	1.9	10
79	Electronic Band Structure and Transport Properties of the Cluster Compound $\text{Ag}_3\text{Tl}_2\text{Mo}_{15}\text{Se}_{19}$ . Inorganic Chemistry, 2019, 58, 5533-5542.	1.9	10
80	Low-temperature thermal properties of n-type partially filled calcium skutterudites. Journal of Physics Condensed Matter, 2006, 18, 11301-11308.	0.7	9
81	Electronic band structure, transport, and magnetic properties of $\text{Mo}_{15}\text{Se}_{19}$ cluster compound. Multiband conduction in the type-I clathrate $\text{Ba}_8\text{Ni}_x\text{Ge}_{46-x}\text{As}_y$ . Journal of Physics Condensed Matter, 2014, 26, 485801.	1.1	9
82	Multiband conduction in the type-I clathrate $\text{Ba}_8\text{Ni}_x\text{Ge}_{46-x}\text{As}_y$ . Journal of Physics Condensed Matter, 2014, 26, 485801.	1.1	9
83	Nanostructured $\text{CoSi}$ Obtained by Spark Plasma Sintering. Journal of Electronic Materials, 2015, 44, 1963-1966.	1.0	9
84	Phase-Transition-Enhanced Thermoelectric Transport in Rickardite Mineral $\text{Cu}_3\text{AsTe}_2$ . Chemistry of Materials, 2021, 33, 1832-1841.	3.2	9
85	High-temperature thermoelectric properties of the $\text{As}_2\text{Bi}_x\text{Te}_3$ solid solution. APL Materials, 2016, 4, 104901.	2.2	8
86	Thermoelectric Properties of Polycrystalline n-Type $\text{Pb}_5\text{Bi}_6\text{Se}_{14}$ . Journal of Electronic Materials, 2017, 46, 2790-2796.	1.0	8
87	Effect of Ag Doping on Electronic Structure of Cluster Compounds $\text{Ag}_x\text{Mo}_9\text{Se}_{11}$ ( $x = 3.4, 3.9$ ). ACS Applied Energy Materials, 2018, 1, 4032-4039.	2.5	8
88	Transport properties of polycrystalline $\text{SnTe}$ prepared by saturation annealing. RSC Advances, 2020, 10, 5996-6005.	1.7	8
89	Cage-Shaped $\text{Mo}_9$ Chalcogenides: Promising Thermoelectric Materials with Significantly Low Thermal Conductivity. Journal of Electronic Materials, 2011, 40, 508-512.	1.0	7
90	Low-Temperature Transport Properties of Bi-Substituted $\text{As}_2\text{Te}_3$ Compounds. Journal of Electronic Materials, 2016, 45, 1786-1791.	1.0	7

#	ARTICLE	IF	CITATIONS
91	Electrical, Thermal, and Magnetic Characterization of Natural Tetrahedrites/Tennantites of Different Origin. <i>Journal of Electronic Materials</i> , 2016, 45, 1351-1357.	1.0	7
92	Influence of Preparation Processing on the Transport Properties of Melt-Spun $Sb_{2-x}Bi_xTe_{3+y}$ . <i>Journal of Electronic Materials</i> , 2016, 45, 1561-1569.	1.0	7
93	Coexistence of a charge density wave and superconductivity in the cluster compound $K_2Mo_{15}Se_{19}$ . <i>Physical Review B</i> , 2020, 101, .	1.1	7
94	Anharmonicity and Effect of the Nanostructuring on the Lattice Dynamics of $CrSi_2$ . <i>Journal of Physical Chemistry C</i> , 2021, 125, 14786-14796.	1.5	7
95	Transport and magnetic properties of $Mo_{2.5}Ru_{0.5}Sb_7-xTex$ . <i>Journal of Applied Physics</i> , 2010, 107, .	1.1	6
96	Inelastic neutron scattering study of the lattice dynamics in the clathrate compound $BaGe_5$ . <i>Journal of Physics Condensed Matter</i> , 2015, 27, 485401.	0.7	6
97	Synthesis and transport properties of the Te-substituted homologous compounds $Pb_5Bi_6Se_{14-x}Te_x$ ( $0 \leq x \leq 1.0$ ). <i>Dalton Transactions</i> , 2018, 47, 4714-4721.	1.6	6
98	Inelastic neutron scattering study of the lattice dynamics of the homologous compounds $(PbSe)_5(Bi_2Se_3)_3$ ( $m = 1, 2$ and $3$ ). <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 14597-14607.	1.3	6
99	Structural and transport properties of quenched and melt-spun $BixSb_{2-x}Te_3$ solid solutions ( $x = 0.40$ ). <i>Tj</i> $1.784314$		
100	Unravelling the Beneficial Influence of Ag insertion on the Thermoelectric Properties of the Cluster Compound $K_2Mo_{15}Se_{19}$ . <i>ACS Applied Energy Materials</i> , 2020, 3, 2846-2855.	2.5	6
101	Issues and opportunities from Peltier effect in functionally-graded colusites: From SPS temperature modeling to enhanced thermoelectric performances. <i>Applied Materials Today</i> , 2021, 22, 100948.	2.3	6
102	Crystal Structure and High-Temperature Thermoelectric Properties of the $Mo_3-xRu_xSb_7$ Compounds. <i>Journal of Electronic Materials</i> , 2010, 39, 2132-2135.	1.0	5
103	Investigation of the Nozzle Diameter as a Control Parameter of the Properties of Melt-Spun $Sb_{2-x}Bi_xTe_3$ . <i>Journal of Electronic Materials</i> , 2016, 45, 1419-1424.	1.0	5
104	Structural and Electrical Properties Characterization of $Sb_{1.52}Bi_{0.48}Te_{3.0}$ Melt-Spun Ribbons. <i>Crystals</i> , 2017, 7, 172.	1.0	5
105	Low-temperature transport properties of n-type layered homologous compounds $Bi_8-xSb_xSe_7$ . <i>Journal of Materials Chemistry C</i> , 2020, 8, 14037-14048.	2.7	5
106	Vibrational dynamics of the type-I clathrates $A_8Sn_{44-x}I_2$ ( $A = Cs, Rb, K$ ) from lattice-dynamics calculations, inelastic neutron scattering, and specific heat measurements. <i>Journal of Applied Physics</i> , 2020, 127, 145104.	1.1	5
107	Synthesis, crystal structure and transport properties of the cluster compounds $Tl_2Mo_{15}S_{19}$ and $Ag_3Tl_2Mo_{15}S_{19}$ . <i>Materials Research Bulletin</i> , 2021, 136, 111152.	2.7	5
108	Generalized phonon density of states of $Mo_3Sb_7$ and $Mo_7$	1.1	4

#	ARTICLE	IF	CITATIONS
109	Thermoelectric characterization of the clathrate-I solid solution $Ba_{8-x}Au_xGe_4$ . <i>Applied Physics Letters</i> , 2021, 119, 063902.	1.5	4
110	Nanostructure Features, Phase Relationships and Thermoelectric Properties of Melt-Spun and Spark-Plasma-Sintered Skutterudites. <i>Acta Physica Polonica A</i> , 2018, 133, 879-883.	0.2	4
111	Stress/pressure-stabilized cubic polymorph of $Li_3Sb$ with improved thermoelectric performance. <i>Journal of Materials Chemistry A</i> , 2021, 9, 25024-25031.	5.2	4
112	High temperature thermoelectric properties of the tetradymite $Bi_{1-x}Pb_xTe_2Se$ (0 ≤ x ≤ 1). <i>Journal of Applied Physics</i> , 2010, 107, 094301.	1.5	4
113	Tetrahedrites: Prospective Novel Thermoelectric Materials. , 0, , .		3
114	Influence of Nanostructuring on the Vibrational, Electronic, and Optical Properties of $CrSi_2$ Thin Films. <i>Journal of Physical Chemistry C</i> , 2020, 124, 28267-28276.	1.5	3
115	Thermoelectric Properties of $In_xCo_{4-y}Ni_ySb_{12}$ Skutterudite Compounds. <i>Materials Research Society Symposia Proceedings</i> , 2007, 1044, 1.	0.1	2
116	Thermoelectric Properties of the Homologous Compounds $Pb_{5-4x}Bi_{4x}Se_{14}$ (x = 0, 0.025, and 0.05). <i>Journal of Electronic Materials</i> , 2018, 47, 3198-3202.	1.0	2
117	Improved ZT in ball-milled and spark plasma sintered Cu. <i>Journal of the American Ceramic Society</i> , 2018, 102, 2684.	1.9	2
118	Oxidation Behavior of the Skutterudite Material $Yb_{0.2}Co_4Sb_{12}$ . <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2021, 52, 3996-4002.	1.1	2
119	$Tl_{0.6}Mo_3S_5$ , an original large tunnel-like molybdenum sulfide with Mo zigzag chains and disordered Tl cations. <i>Materials Advances</i> , 2021, 2, 6020-6030.	2.6	2
120	Galvanomagnetic and Thermoelectric Properties of $R_3Cu_3Sb_4$ Compounds. , 2006, , .		1
121	Thermoelectric Properties of $Nd_xCo_{4-y}Ni_ySb_{12}$ Skutterudite Compounds. , 2006, , .		1
122	Short range order of $As_{40-x}Cu_xTe_60$ glasses. <i>Journal of Non-Crystalline Solids</i> , 2018, 481, 202-207.	1.5	1
123	Thermoelectric Properties of Ternary and Quaternary $Mo_6$ and $Mo_9$ Cluster Selenides. <i>Structure and Bonding</i> , 2019, , 125-141.	1.0	1
124	$SnSe$ : Breakthrough or Not Breakthrough?. , 2019, , 23-46.		1
125	Influence of Thermoelectric Properties and Parasitic Effects on the Electrical Power of Thermoelectric Micro-Generators. <i>Energies</i> , 2022, 15, 3746.	1.6	0