

# Cyril Opeil

## List of Publications by Year in descending order

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22  
papers

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citations

687363

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642732

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g-index

23  
all docs

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docs citations

23  
times ranked

1134  
citing authors

#	ARTICLE	IF	CITATIONS
1	The surprising thermal properties of CM carbonaceous chondrites. Meteoritics and Planetary Science, 2020, 55, .	1.6	33
2	Heat capacities of ordinary chondrite falls below 300ÅK. Meteoritics and Planetary Science, 2019, 54, 2729-2743.	1.6	9
3	Low temperature thermoelectric properties of p-type copper selenide with Ni, Te and Zn dopants. Journal of Alloys and Compounds, 2017, 699, 718-721.	5.5	17
4	Experimental determination of phonon thermal conductivity and Lorenz ratio of single-crystal bismuth telluride. MRS Communications, 2017, 7, 922-927.	1.8	4
5	Enhancement of Thermoelectric Performance of n-type PbSe by Cr Doping with Optimized Carrier Concentration. Advanced Energy Materials, 2015, 5, 1401977.	19.5	92
6	Magnetic Properties of Hot-Pressed $\text{FeSb}_2$ . IEEE Transactions on Magnetics, 2014, 50, 1-4.	2.1	1
7	Increased thermoelectric performance by Cl doping in nanostructured $\text{AgPb}_{18}\text{SbSe}_{20}\text{Cl}_x$ . Nano Energy, 2013, 2, 1121-1127.	16.0	30
8	Thermoelectric property enhancement by Cu nanoparticles in nanostructured $\text{FeSb}_2$ . Applied Physics Letters, 2013, 102, .	3.3	36
9	Phonon drag effect in nanocomposite $\text{FeSb}_2$ . MRS Communications, 2013, 3, 31-36.	1.8	28
10	Thermoelectric properties of Bi- $\text{FeSb}_2$ nanocomposites: Evidence for phonon-drag effect. Materials Research Society Symposia Proceedings, 2012, 1490, 115-120.	0.1	1
11	Transport properties of Ni, Co, Fe, Mn doped $\text{Cu}_{0.01}\text{Bi}_2\text{Te}_{2.7}\text{Se}_{0.3}$ for thermoelectric device applications. Journal of Applied Physics, 2012, 112, .	2.5	16
12	Role of phonon dispersion in studying phonon mean free paths in skutterudites. Journal of Applied Physics, 2012, 112, 044305.	2.5	24
13	Enhanced Thermoelectric Properties of $\text{FeSb}_x$ Nanocomposites Through Stoichiometric Adjustment. Materials Research Society Symposia Proceedings, 2012, 1456, 27.	0.1	1
14	Experimental determination of the Lorenz number in $\text{Cu}_{0.01}\text{Bi}_2\text{Te}_{2.7}\text{Se}_{0.3}$ for thermoelectric device applications. Journal of Applied Physics, 2012, 112, .	3.2	38
15	Experimental determination of the Lorenz number in $\text{Cu}_{0.01}\text{Bi}_2\text{Te}_{2.7}\text{Se}_{0.3}$ for thermoelectric device applications. Journal of Applied Physics, 2012, 112, .	3.2	41
16	Thermoelectric properties of Ho-doped $\text{Bi}_{0.88}\text{Sb}_{0.12}$ . Journal of Materials Science, 2012, 47, 5729-5734.	3.7	8
17	Dramatic thermal conductivity reduction by nanostructures for large increase in thermoelectric figure-of-merit of $\text{FeSb}_2$ . Applied Physics Letters, 2011, 99, .	3.3	45
18	Tin telluride: A weakly co-elastic metal. Physical Review B, 2010, 82, .	3.2	36

#	ARTICLE	IF	CITATIONS
19	Angle-Dependent magneto-resistance near the pre-martensitic phase of Ni <sub>2</sub> MnGa. Journal of Physics: Conference Series, 2009, 150, 042109.	0.4	1
20	Combined Experimental and Theoretical Investigation of the Premartensitic Transition in $\text{Ni}_{x}\text{MnGa}_{1-x}$ . Physical Review Letters, 2008, 100, 165703.	7.8	112
21	Magnetic Anisotropy and de Haas-van Alphen Oscillations in a Bi Microwire Array Studied via Cantilever Magnetometry at Low Temperatures. Journal of Low Temperature Physics, 2004, 134, 1055-1068.	1.4	1
22	Onset of antiferromagnetism in UPt <sub>3</sub> via Th substitution studied by muon spin spectroscopy. Physical Review B, 2003, 68, .	3.2	6