

Michael K Fuccillo

List of Publications by Year in descending order

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15
papers

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840776

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times ranked

1386
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystal structure and chemistry of topological insulators. <i>Journal of Materials Chemistry C</i> , 2013, 1, 3176.	5.5	204
2	Low-carrier-concentration crystals of the topological insulator Bi_2Te_3 . <i>Physical Review B</i> , 2011, 84, 080401.	3.2	141
3	Low-carrier-concentration crystals of the topological insulator Bi_2Te_3 . <i>Physical Review B</i> , 2012, 86, 080401.	3.2	68
4	Mechanically Coupled Internal Coordinates of Ionomer Vibrational Modes. <i>Macromolecules</i> , 2010, 43, 5500-5502.	4.8	55
5	A large family of filled skutterudites stabilized by electron count. <i>Nature Communications</i> , 2015, 6, 6489.	12.8	52
6	Correlated evolution of colossal thermoelectric effect and Kondo insulating behavior. <i>APL Materials</i> , 2013, 1, 062102.	3.2	42
7	Gold Bonding: The Key to Stabilizing the 19-Electron Ternary Phases AuSbTe and AuSbTe_2 . <i>Journal of Materials Chemistry C</i> , 2014, 2, 1078-1084.	13.7	30
8	Quasi One Dimensional Dirac Electrons on the Surface of Ru_2Sn_3 . <i>Scientific Reports</i> , 2014, 4, 5168.	3.3	24
9	Thermoelectric Properties of $\text{Bi}_2\text{Te}_2\text{Se}$ Compensated by Native Defects and Sn Doping. <i>Journal of Electronic Materials</i> , 2013, 42, 1246-1253.	2.2	21
10	Superconductivity in the $\text{Cu}(\text{Ir})_2\text{S}_4$. <i>Journal of Materials Chemistry C</i> , 2014, 2, 1078-1084.	3.2	21
11	Correlated evolution of colossal thermoelectric effect and Kondo insulating behavior. <i>APL Materials</i> , 2013, 1, 062102.	5.1	11
12	Low temperature thermoelectric properties of $\text{Bi}_2\text{Sb}_x\text{TeSe}_2$ crystals near the n-p crossover. <i>Solid State Communications</i> , 2012, 152, 1208-1211.	1.9	8
13	Synthesis and characterization of two crystallographic forms of $\text{Ag}_0.79\text{VS}_2$. <i>Journal of Solid State Chemistry</i> , 2013, 202, 77-84.	2.9	5
14	Feasibility of implementing a behavioral economics mobile health platform for individuals with behavioral health conditions. <i>Health and Technology</i> , 2021, 11, 505-510.	3.6	5
15	Stabilization of the $\text{Ti}_3\text{Co}_5\text{B}_2$ -type structure for $\text{Ti}_3\text{Si}_x\text{Ru}_5\text{B}_2$ through Si-Ti substitution. <i>Journal of Solid State Chemistry</i> , 2015, 227, 92-97.	2.9	4