

Yaochun Liu

List of Publications by Year in descending order

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20
papers

1,041
citations

516561

16
h-index

752573

20
g-index

20
all docs

20
docs citations

20
times ranked

1015
citing authors

#	ARTICLE	IF	CITATIONS
1	Synergistically Optimizing Electrical and Thermal Transport Properties of BiCuSeO via a Dual-Doping Approach. <i>Advanced Energy Materials</i> , 2016, 6, 1502423.	10.2	178
2	Enhanced thermoelectric performance of a BiCuSeO system via band gap tuning. <i>Chemical Communications</i> , 2013, 49, 8075.	2.2	111
3	Enhanced thermoelectric performance of La-doped BiCuSeO by tuning band structure. <i>Applied Physics Letters</i> , 2015, 106, .	1.5	86
4	Enhanced Thermoelectric Properties of Bi ₂ O ₂ Se Ceramics by Bi Deficiencies. <i>Journal of the American Ceramic Society</i> , 2015, 98, 2465-2469.	1.9	77
5	High-temperature thermoelectric behaviors of Sn-doped n-type Bi ₂ O ₂ Se ceramics. <i>Journal of Electroceramics</i> , 2015, 34, 175-179.	0.8	74
6	High Performance Oxides-Based Thermoelectric Materials. <i>Jom</i> , 2015, 67, 211-221.	0.9	71
7	Enhanced thermoelectric performance of n-type Bi ₂ O ₂ Se by Cl-doping at Se site. <i>Journal of the American Ceramic Society</i> , 2017, 100, 1494-1501.	1.9	66
8	Enhanced thermoelectric performance of In ₂ O ₃ -based ceramics via Nanostructuring and Point Defect Engineering. <i>Scientific Reports</i> , 2015, 5, 7783.	1.6	57
9	Synergistically optimizing electrical and thermal transport properties of Bi ₂ O ₂ Se ceramics by Te-substitution. <i>Journal of the American Ceramic Society</i> , 2018, 101, 326-333.	1.9	54
10	Synergistical Enhancement of Thermoelectric Properties in n-Type Bi ₂ O ₂ Se by Carrier Engineering and Hierarchical Microstructure. <i>Advanced Energy Materials</i> , 2019, 9, 1900354.	10.2	54
11	Enhanced Thermoelectric Performance of Bi ₂ O ₂ Se with Ag Addition. <i>Materials</i> , 2015, 8, 1568-1576.	1.3	43
12	Boosting the thermoelectric performance of Bi ₂ O ₂ Se by isovalent doping. <i>Journal of the American Ceramic Society</i> , 2018, 101, 4634-4644.	1.9	39
13	Electrical and Thermal Transport Behavior in Zn-Doped BiCuSeO Oxyselenides. <i>Journal of Electronic Materials</i> , 2015, 44, 1627-1631.	1.0	37
14	Tunable pseudocapacitive contribution in nanosheet-constructed titania hierarchical tubes to achieve superior lithium-storage properties by phase control. <i>Journal of Materials Chemistry A</i> , 2018, 6, 24298-24310.	5.2	23
15	Bi _{1-x} LaxCuSeO as New Tunable Full Solar Light Active Photocatalysts. <i>Scientific Reports</i> , 2016, 6, 24620.	1.6	17
16	Enhanced CO ₂ Reduction Performance of BiCuSeO-Based Hybrid Catalysts by Synergetic Photo-Thermoelectric Effect. <i>Advanced Functional Materials</i> , 2021, 31, 2105001.	7.8	16
17	Enhanced Thermoelectric Properties of BiCuSeO/Polyaniline Composites. <i>Journal of Electronic Materials</i> , 2014, 43, 3695-3700.	1.0	13
18	High-temperature electrical and thermal transport behaviors in layered structure WSe ₂ . <i>Journal of the American Ceramic Society</i> , 2017, 100, 5528-5535.	1.9	10

#	ARTICLE	IF	CITATIONS
19	Thermoelectric transport properties of BiCuSeO with embedded La _{0.8} Sr _{0.2} CoO ₃ nanoinclusions. Science China Technological Sciences, 2016, 59, 1036-1041.	2.0	9
20	Electrical and Thermal Conduction Behaviors in La ²⁺ -Substituted GdBaCuFeO ₅ Ceramics. Journal of the American Ceramic Society, 2015, 98, 3179-3184.	1.9	6