

Allen Benton

List of Publications by Year in descending order

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5
papers

153
citations

1937685

4
h-index

2272923

4
g-index

5
all docs

5
docs citations

5
times ranked

244
citing authors

#	ARTICLE	IF	CITATIONS
1	Leveraging Deep Levels in Narrow Bandgap Bi _{0.5} Sb _{1.5} Te ₃ for Record-High $\langle zT \rangle_{ave}$ Near Room Temperature. <i>Advanced Functional Materials</i> , 2020, 30, 2005202.	14.9	57
2	High Thermoelectric Performance in Sulfide-Type Argyrodites Compound Ag ₈ Sn(S _{1-x}) ₆ Se _x Enabled by Ultralow Lattice Thermal Conductivity and Extended Cubic Phase Regime. <i>Advanced Functional Materials</i> , 2020, 30, 2000526.	14.9	38
3	n-Bi ₂ Sb _x Te ₃ : A Promising Alternative to Mainstream Thermoelectric Material n-Bi ₂ Te ₃ near Room Temperature. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 31619-31627.	8.0	33
4	Insights into the Proton Transport Mechanism in TiO ₂ Simple Oxides by <i>In Situ</i> Raman Spectroscopy. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 38012-38018.	8.0	22
5	Enhanced Thermoelectric Performance and Electronic Transport Properties of Ag-Doped Cu _{2-x} Se _{0.5} . <i>ACS Applied Energy Materials</i> , 0, , .	5.1	3