

Danny Broberg

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

796
citations

1307366

7
h-index

1588896

8
g-index

8
all docs

8
docs citations

8
times ranked

1675
citing authors

#	ARTICLE	IF	CITATIONS
1	Dipolar cations confer defect tolerance in wide-bandgap metal halide perovskites. <i>Nature Communications</i> , 2018, 9, 3100.	5.8	237
2	Understanding thermoelectric properties from high-throughput calculations: trends, insights, and comparisons with experiment. <i>Journal of Materials Chemistry C</i> , 2016, 4, 4414-4426.	2.7	193
3	PyCDT: A Python toolkit for modeling point defects in semiconductors and insulators. <i>Computer Physics Communications</i> , 2018, 226, 165-179.	3.0	142
4	Computational and experimental investigation of TmAgTe_2 and XYZ_2 compounds, a new group of thermoelectric materials identified by first-principles high-throughput screening. <i>Journal of Materials Chemistry C</i> , 2015, 3, 10554-10565.	2.7	99
5	Assessing High-Throughput Descriptors for Prediction of Transparent Conductors. <i>Chemistry of Materials</i> , 2018, 30, 8375-8389.	3.2	60
6	YCuTe_2 : a member of a new class of thermoelectric materials with CuTe_4 -based layered structure. <i>Journal of Materials Chemistry A</i> , 2016, 4, 2461-2472.	5.2	52
7	Bistable Amphoteric Native Defect Model of Perovskite Photovoltaics. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 3878-3885.	2.1	12