

# Danny Broberg

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11074173/publications.pdf>

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	PyCDT: A Python toolkit for modeling point defects in semiconductors and insulators. <i>Computer Physics Communications</i> , 2018, 226, 165-179.	3.0	142
2	Assessing High-Throughput Descriptors for Prediction of Transparent Conductors. <i>Chemistry of Materials</i> , 2018, 30, 8375-8389.	3.2	60
3	Bistable Amphoteric Native Defect Model of Perovskite Photovoltaics. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 3878-3885.	2.1	12
4	Dipolar cations confer defect tolerance in wide-bandgap metal halide perovskites. <i>Nature Communications</i> , 2018, 9, 3100.	5.8	237
5	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
6	YCuTe <sub>2</sub> : a member of a new class of thermoelectric materials with CuTe <sub>4</sub> -based layered structure. <i>Journal of Materials Chemistry A</i> , 2016, 4, 2461-2472.	5.2	52
7	Computational and experimental investigation of TmAgTe <sub>2</sub> and XYZ <sub>2</sub> 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