

Jesse M Adamczyk

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

166
citations

1163117

8
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

223
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards the high-throughput synthesis of bulk materials: thermoelectric PbTeâ€“PbSeâ€“SnTeâ€“SnSe alloys. <i>Molecular Systems Design and Engineering</i> , 2019, 4, 407-420.	3.4	28
2	Compressive stress in nano-crystalline titanium dioxide films by aerosol deposition. <i>Surface and Coatings Technology</i> , 2018, 350, 542-549.	4.8	27
3	Carrier density control in Cu ₂ HgGeTe ₄ and discovery of Hg ₂ GeTe ₄ viaphase boundary mapping. <i>Journal of Materials Chemistry A</i> , 2019, 7, 621-631.	10.3	27
4	Native Defect Engineering in CuInTe ₂ . <i>Chemistry of Materials</i> , 2021, 33, 359-369.	6.7	18
5	Prototype latent heat storage system with aluminum-silicon as a phase change material and a Stirling engine for electricity generation. <i>Energy Conversion and Management</i> , 2019, 199, 111992.	9.2	14
6	Study of the Thermoelectric Properties of Bi ₂ Te ₃ /Sb ₂ Te ₃ Coreâ€“Shell Heterojunction Nanostructures. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 24886-24896.	8.0	12
7	Symmetry breaking in Ge _{1-x} Mn _x Te and the impact on thermoelectric transport. <i>Journal of Materials Chemistry A</i> , 2022, 10, 16468-16477.	10.3	11
8	Spray Pyrolysisâ€“Aerosol Deposition for the Production of Thick Yttriaâ€“Stabilized Zirconia Coatings. <i>Advanced Engineering Materials</i> , 2021, 23, 2100255.	3.5	9
9	Alloyed Thermoelectric PbTeâ€“SnTe Films Formed via Aerosol Deposition. <i>ACS Combinatorial Science</i> , 2019, 21, 753-759.	3.8	8
10	Boron Phosphide Films by Reactive Sputtering: Searching for a p-Type Transparent Conductor. <i>Advanced Materials Interfaces</i> , 2022, 9, .	3.7	8
11	Controlling thermoelectric transport via native defects in the diamond-like semiconductors Cu ₂ HgGeTe ₄ and Hg ₂ GeTe ₄ . <i>Journal of Materials Chemistry A</i> , 0, , .	10.3	4