

Jesse M Adamczyk

List of Publications by Year in descending order

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papers

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1163117

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11
docs citations

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times ranked

223
citing authors

#	ARTICLE	IF	CITATIONS
1	Boron Phosphide Films by Reactive Sputtering: Searching for a P-type Transparent Conductor. <i>Advanced Materials Interfaces</i> , 2022, 9, .	3.7	8
2	Study of the Thermoelectric Properties of Bi ₂ Te ₃ /Sb ₂ Te ₃ Core-Shell Heterojunction Nanostructures. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 24886-24896.	8.0	12
3	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
4	Native Defect Engineering in CuInTe ₂ . <i>Chemistry of Materials</i> , 2021, 33, 359-369.	6.7	18
5	Spray Pyrolysis-Aerosol Deposition for the Production of Thick Ytria-Stabilized Zirconia Coatings. <i>Advanced Engineering Materials</i> , 2021, 23, 2100255.	3.5	9
6	Alloyed Thermoelectric PbTe-SnTe Films Formed via Aerosol Deposition. <i>ACS Combinatorial Science</i> , 2019, 21, 753-759.	3.8	8
7	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
8	Carrier density control in Cu ₂ HgGeTe ₄ and discovery of Hg ₂ GeTe ₄ via phase boundary mapping. <i>Journal of Materials Chemistry A</i> , 2019, 7, 621-631.	10.3	27
9	Towards the high-throughput synthesis of bulk materials: thermoelectric PbTe-PbSe-SnTe-SnSe alloys. <i>Molecular Systems Design and Engineering</i> , 2019, 4, 407-420.	3.4	28
10	Compressive stress in nano-crystalline titanium dioxide films by aerosol deposition. <i>Surface and Coatings Technology</i> , 2018, 350, 542-549.	4.8	27
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