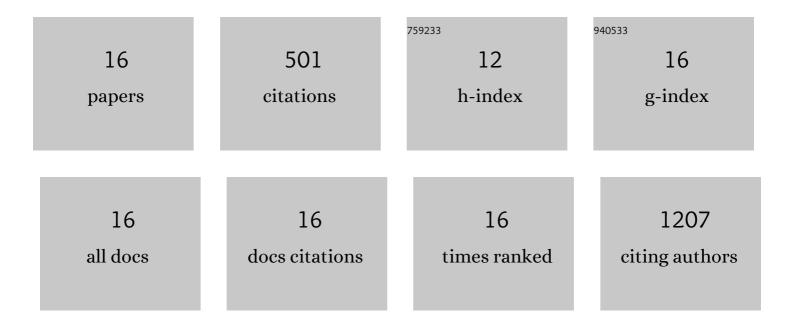
Anas I Abutaha

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Multifunctional 0D–2D Ni ₂ P Nanocrystals–Black Phosphorus Heterostructure. Advanced Energy Materials, 2017, 7, 1601285.	19.5	149
2	Toward Accelerated Thermoelectric Materials and Process Discovery. ACS Applied Energy Materials, 2020, 3, 2240-2257.	5.1	75
3	Correlating charge and thermoelectric transport to paracrystallinity in conducting polymers. Nature Communications, 2020, 11, 1737.	12.8	45
4	Crystal orientation dependent thermoelectric properties of highly oriented aluminum-doped zinc oxide thin films. Applied Physics Letters, 2013, 102, .	3.3	44
5	Enhanced Thermoelectric Figure-of-Merit in Thermally Robust, Nanostructured Superlattices Based on SrTiO ₃ . Chemistry of Materials, 2015, 27, 2165-2171.	6.7	34
6	Effects Of Structural Phase Transition On Thermoelectric Performance in Lithium-Intercalated Molybdenum Disulfide (Li _{<i>x</i>} MoS ₂). ACS Applied Materials & Interfaces, 2019, 11, 12184-12189.	8.0	31
7	Multiâ€Fidelity Highâ€Throughput Optimization of Electrical Conductivity in P3HTâ€CNT Composites. Advanced Functional Materials, 2021, 31, 2102606.	14.9	20
8	Effect of oxygen vacancy distribution on the thermoelectric properties of La-doped SrTiO3 epitaxial thin films. Journal of Applied Physics, 2012, 112, .	2.5	18
9	Electronic transport descriptors for the rapid screening of thermoelectric materials. Materials Horizons, 2021, 8, 2463-2474.	12.2	16
10	Direct measurement of the thermoelectric properties of electrochemically deposited Bi2Te3 thin films. Scientific Reports, 2020, 10, 17922.	3.3	15
11	Vertically aligned carbon nanotube field-effect transistors. Carbon, 2012, 50, 4628-4632.	10.3	12
12	Doping site dependent thermoelectric properties of epitaxial strontium titanate thin films. Journal of Materials Chemistry C, 2014, 2, 9712-9719.	5.5	12
13	Employing a Bifunctional Molybdate Precursor To Grow the Highly Crystalline MoS ₂ for High-Performance Field-Effect Transistors. ACS Applied Materials & Interfaces, 2019, 11, 14239-14248.	8.0	10
14	Modeling the transport properties of epitaxially grown thermoelectric oxide thin films using spectroscopic ellipsometry. Applied Physics Letters, 2012, 100, .	3.3	8
15	Laser energy tuning of carrier effective mass and thermopower in epitaxial oxide thin films. Applied Physics Letters, 2012, 100, 162106.	3.3	6
16	Integrating carbon nanotubes into silicon by means of vertical carbon nanotube field-effect transistors. Nanoscale, 2014, 6, 8956-8961.	5.6	6