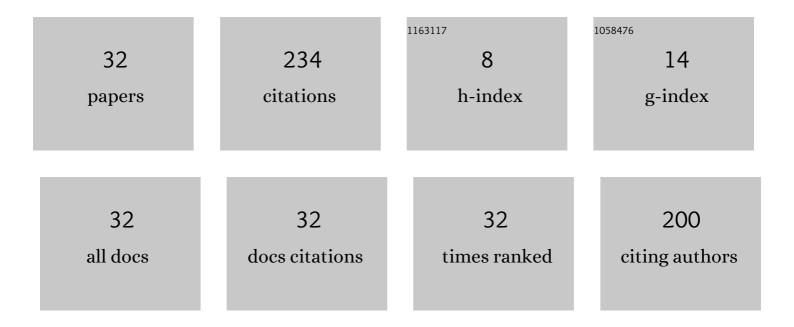
Oluwaseun Oyewole

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Interfacial fracture of hybrid organic–inorganic perovskite solar cells. Extreme Mechanics Letters, 2022, 50, 101515.	4.1	7
2	Pressure-induced interfacial contacts and the deformation in all solid-state Li-ion batteries. Journal of Power Sources, 2022, 521, 230939.	7.8	14
3	Effects of temperature-dependent burn-in decay on the performance of triple cation mixed halide perovskite solar cells. AIP Advances, 2022, 12, 015122.	1.3	6
4	Understanding the effects of annealing temperature on the mechanical properties of layers in FAI-rich perovskite solar cells. AIP Advances, 2022, 12, 025104.	1.3	2
5	Effects of blister formation on the degradation of organic light emitting devices. AIP Advances, 2022, 12, 035308.	1.3	0
6	Mechanical properties of polyvinylpyrrolidone/polyvinyl alcoholâ€based solid electrolytes. Journal of Applied Polymer Science, 2022, 139, .	2.6	0
7	Hydroxyapatite and bone particle-doped ceramic water filters for the removal of fluoride and bacteria. Cogent Engineering, 2022, 9, .	2.2	2
8	Adhesion in Perovskite Solar Cell Multilayer Structures. ACS Applied Energy Materials, 2022, 5, 6011-6018.	5.1	8
9	Mechanical Properties of Epoxy/Clay Composite Coatings on an X65 Steel Substrate. Cogent Engineering, 2021, 8, .	2.2	1
10	Fracture and fatigue behavior of Bambusa Vulgaris-Schrad Bamboo. Cogent Engineering, 2021, 8, .	2.2	1
11	An investigation into compressive deformation and failure mechanisms in a novel Li-ion solid-state electrolyte. MRS Advances, 2021, 6, 154-161.	0.9	4
12	Pressure-assisted fabrication of perovskite light emitting devices. AIP Advances, 2021, 11, 025112.	1.3	2
13	Pressure and thermal annealing effects on the photoconversion efficiency of polymer solar cells. AIP Advances, 2021, 11, .	1.3	2
14	A Hybrid Hole Transport Layer for Perovskite-Based Solar Cells. Energies, 2021, 14, 1949.	3.1	7
15	Comparative analyses of rice husk cellulose fiber and kaolin particulate reinforced thermoplastic cassava starch biocomposites using the solution casting technique. Polymer Composites, 2021, 42, 3216-3230.	4.6	5
16	Cell–surface interactions on goldâ€coated p olydimethylsiloxane nanocomposite structures: Localized laser heating on cell viability. Journal of Biomedical Materials Research - Part A, 2021, 109, 2611-2624.	4.0	1
17	Annealing effects on interdiffusion in layered FA-rich perovskite solar cells. AIP Advances, 2021, 11, .	1.3	12
18	Failure Mechanisms of Stretchable Perovskite Lightâ€Emitting Devices under Monotonic and Cyclic Deformations. Macromolecular Materials and Engineering, 2021, 306, 2100435.	3.6	1

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#	Article	IF	CITATIONS
19	A study of the effects of a thermally evaporated nanoscale CsBr layer on the optoelectronic properties and stability of formamidinium-rich perovskite solar cells. AIP Advances, 2021, 11, 095112.	1.3	8
20	Tin Oxide Modified Titanium Dioxide as Electron Transport Layer in Formamidinium-Rich Perovskite Solar Cells. Energies, 2021, 14, 7870.	3.1	6
21	Failure of Stretchable Organic Solar Cells under Monotonic and Cyclic Loading. Macromolecular Materials and Engineering, 2020, 305, 2000369.	3.6	6
22	Corrosion behavior of 5-hydroxytryptophan (HTP)/epoxy and clay particle-reinforced epoxy composite steel coatings. Cogent Engineering, 2020, 7, 1797982.	2.2	3
23	Pressure-Assisted Fabrication of Perovskite Solar Cells. Scientific Reports, 2020, 10, 7183.	3.3	34
24	Compressive deformation of Bambusa Vulgaris-Schrad in the transverse and longitudinal orientations. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 108, 103750.	3.1	5
25	Effects of pre-buckling on the bending of organic electronic structures. AIP Advances, 2017, 7, .	1.3	5
26	Pressure effects on interfacial surface contacts and performance of organic solar cells. Journal of Applied Physics, 2017, 122, .	2.5	7
27	Cold welding of organic light emitting diode: Interfacial and contact models. AIP Advances, 2016, 6, .	1.3	10
28	Reliability and Physics Failure of Stretchable Organic Solar Cells. MRS Advances, 2016, 1, 21-26.	0.9	4
29	Lamination of organic solar cells and organic light emitting devices: Models and experiments. Journal of Applied Physics, 2015, 118, .	2.5	12
30	A Study of Factors that Influence the Adoption of Solar Powered Lanterns in a Rural Village in Kenya. Perspectives on Global Development and Technology, 2015, 14, 448-491.	0.4	8
31	Micro-wrinkling and delamination-induced buckling of stretchable electronic structures. Journal of Applied Physics, 2015, 117, 235501.	2.5	27
32	Adhesion in flexible organic and hybrid organic/inorganic light emitting device and solar cells. Journal of Applied Physics, 2014, 116, 074506.	2.5	24