Deborah O Oyewole

List of Publications by Year
in descending order

13	111	1478505 6	1281871 11
papers	citations	h-index	g-index

13	13	13	131
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pressure-Assisted Fabrication of Perovskite Solar Cells. Scientific Reports, 2020, 10, 7183.	3.3	34
2	Micro-wrinkling and delamination-induced buckling of stretchable electronic structures. Journal of Applied Physics, 2015, 117, 235501.	2.5	27
3	Annealing effects on interdiffusion in layered FA-rich perovskite solar cells. AIP Advances, 2021, 11, .	1.3	12
4	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
5	Interfacial fracture of hybrid organicâ€“inorganic perovskite solar cells. Extreme Mechanics Letters, 2022, 50, 101515.	4.1	7
6	Failure of Stretchable Organic Solar Cells under Monotonic and Cyclic Loading. Macromolecular Materials and Engineering, 2020, 305, 2000369.	3.6	6
7	Tin Oxide Modified Titanium Dioxide as Electron Transport Layer in Formamidinium-Rich Perovskite Solar Cells. Energies, 2021, 14, 7870.	3.1	6
8	Reliability and Physics Failure of Stretchable Organic Solar Cells. MRS Advances, 2016, 1, 21-26.	0.9	4
9	Pressure-assisted fabrication of perovskite light emitting devices. AIP Advances, 2021, 11, 025112.	1.3	2
10	Pressure and thermal annealing effects on the photoconversion efficiency of polymer solar cells. AIP Advances, 2021, 11, .	1.3	2
11	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
12	Failure Mechanisms of Stretchable Perovskite Lightâ€Emitting Devices under Monotonic and Cyclic Deformations. Macromolecular Materials and Engineering, 2021, 306, 2100435.	3.6	1
13	Effects of blister formation on the degradation of organic light emitting devices. AIP Advances, 2022, 12, 035308.	1.3	0