Jason D Myers

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11899418/publications.pdf

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21	560	759233 12	888059 17
papers	citations	h-index	g-index

21	21	21	1105
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A universal optical approach to enhancing efficiency of organic-based photovoltaic devices. Energy and Environmental Science, 2012, 5, 6900.	30.8	107
2	Organic Semiconductors and their Applications in Photovoltaic Devices. Polymer Reviews, 2012, 52, 1-37.	10.9	100
3	Nanoimaging of Openâ€Circuit Voltage in Photovoltaic Devices. Advanced Energy Materials, 2015, 5, 1501142.	19.5	79
4	Optical Properties of a Sulfur-Rich Organically Modified Chalcogenide Polymer Synthesized via Inverse Vulcanization and Containing an Organometallic Comonomer. ACS Macro Letters, 2019, 8, 113-116.	4.8	75
5	Enhancing light harvesting in organic solar cells with pyramidal rear reflectors. Applied Physics Letters, 2011, 99, 023306.	3.3	34
6	Triplet Exciton Diffusion in Platinum Polyyne Films. Journal of Physical Chemistry C, 2014, 118, 24282-24289.	3.1	29
7	Reconfiguring structured light beams using nonlinear metasurfaces. Optics Express, 2018, 26, 30930.	3.4	23
8	Computational and experimental studies of phase separation in pentacene:C[sub 60] mixtures. Journal of Vacuum Science & Technology B, 2009, 27, 169.	1.3	20
9	Quaternary Sputtered Cu(In,Ga)Se₂Absorbers for Photovoltaics: A Review. IEEE Journal of Photovoltaics, 2016, 6, 1036-1050.	2.5	18
10	Enhanced open-circuit voltage in organic photovoltaic cells with partially chlorinated zinc phthalocyanine. Journal of Materials Science, 2013, 48, 7104-7114.	3.7	14
11	Photovoltage Tomography in Polycrystalline Solar Cells. ACS Energy Letters, 2016, 1, 899-905.	17.4	12
12	Enhanced mid-wavelength infrared refractive index of organically modified chalcogenide (ORMOCHALC) polymer nanocomposites with thermomechanical stability. Optical Materials, 2020, 108, 110197.	3.6	12
13	Photocarrier behavior in organic heterojunction photovoltaic cells. Organic Electronics, 2009, 10, 1182-1186.	2.6	10
14	Nonlinear Metasurface for Structured Light with Tunable Orbital Angular Momentum. Applied Sciences (Switzerland), 2019, 9, 958.	2.5	9
15	Design of High Efficient Midâ€Wavelength Infrared Polarizer on ORMOCHALC Polymer. Macromolecular Materials and Engineering, 2020, 305, 2000033.	3.6	8
16	Microstructured ZnO coatings combined with antireflective layers for light management in photovoltaic devices. Progress in Photovoltaics: Research and Applications, 2016, 24, 1427-1435.	8.1	6
17	Thermal tuning of arsenic selenide glass thin films and devices. Optics Express, 2020, 28, 34744.	3.4	2
18	Tunable mid-wavelength infrared (MWIR) polarizer by ORMOCHALC composite with improved thermomechanical stability. , 2021, , .		1

#	Article	IF	Citations
19	Arsenic selenide dielectric metasurfaces. , 2019, , .		1
20	Molecular heterojunction photovoltaic cells: Photocarrier behavior and nanostructures. , 2009, , .		0
21	Fabrication of high refractive index, infrared transmitting Organically Modified Chalcogenide (ORMOCHALC) polymers (Rising Researcher Presentation). , 2019, , .		0