

Alyssa N Brigeman

List of Publications by Year in descending order

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1040056

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1226
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance of Single-Crystal Silicon Solar Cells With Mist-Deposited Nanocrystalline Quantum Dot Downshifting Films. <i>IEEE Journal of Photovoltaics</i> , 2019, 9, 1006-1011.	2.5	10
2	Multiple Charge Transfer States in Donor-Acceptor Heterojunctions with Large Frontier Orbital Energy Offsets. <i>Chemistry of Materials</i> , 2019, 31, 6808-6817.	6.7	20
3	Efficient Upper-Excited State Fluorescence in an Organic Hyperbolic Metamaterial. <i>Nano Letters</i> , 2018, 18, 1693-1698.	9.1	11
4	Simple Polymethylglutarimide Microfluidic Channels With Hydrogel-Assisted Fluid Exchange. <i>IEEE Transactions on Nanobioscience</i> , 2018, 17, 97-101.	3.3	0
5	Band-Like Charge Photogeneration at a Crystalline Organic Donor/Acceptor Interface. <i>Advanced Energy Materials</i> , 2018, 8, 1701494.	19.5	23
6	Hybrid perovskite light emitting diodes under intense electrical excitation. <i>Nature Communications</i> , 2018, 9, 4893.	12.8	146
7	Enhanced sub-bandgap efficiency of a solid-state organic intermediate band solar cell using triplet-triplet annihilation. <i>Energy and Environmental Science</i> , 2017, 10, 1465-1475.	30.8	54
8	Revealing the Full Charge Transfer State Absorption Spectrum of Organic Solar Cells. <i>Advanced Energy Materials</i> , 2016, 6, 1601001.	19.5	33
9	Diode-Pumped Organo-Lead Halide Perovskite Lasing in a Metal-Clad Distributed Feedback Resonator. <i>Nano Letters</i> , 2016, 16, 4624-4629.	9.1	194
10	Reducing exciton-polaron annihilation in organic planar heterojunction solar cells. <i>Physical Review B</i> , 2014, 90, .	3.2	14