C Kyle Renshaw

List of Publications by Year
in descending order

16 papers	257 citations	1307594 7 h-index	1372567 10 g-index
16 all docs	16 docs citations	16 times ranked	476 citing authors

#	Article	IF	Citations
1	Volumetric imaging efficiency: the fundamental limit to compactness of imaging systems. Optics Express, 2021, 29, 3173.	3.4	2
2	Detection of Burmese pythons in the near-infrared versus visible band. Applied Optics, 2021, 60, 5066.	1.8	2
3	Near-field coupling of absorbing material to subwavelength cavities. Optical Materials Express, 2021, 11, 2576.	3.0	0
4	Silicon-on-insulator metasurface aberration corrector inverse design for mid-infrared imaging. , 2021, , .		0
5	Hybrid Chalcogenide/Polymer Coherent Fiber Bundles for MWIR Image Relays. , 2021, , .		1
6	optimizing sensor design using a time-limited search model for moving sensor. , 2021, , .		0
7	Miniaturized Silicon Photonics Devices for Integrated Optical Signal Processors. Journal of Lightwave Technology, 2020, 38, 6-17.	4.6	52
8	Organic photodetectors with frustrated charge transport for small-pitch image sensors. Journal of Applied Physics, 2019, 126, .	2.5	3
9	Low Volume Imaging with Metasurfaces. , 2019, , .		0
10	A vertically-stacked anti-polar diode (VAD) pixel for organic semiconductor image sensors. , 2017, , .		1
11	Excited state and charge dynamics of hybrid organic/inorganic heterojunctions. II. Experiment. Physical Review B, 2014, 90, .	3.2	26
12	Excited state and charge dynamics of hybrid organic/inorganic heterojunctions. I. Theory. Physical Review B, 2014, 90, .	3.2	40
13	Understanding tandem organic photovoltaic cell performance. Journal of Applied Physics, 2013, 113, .	2.5	21
14	Photoconductivity in donor-acceptor heterojunction organic photovoltaics. Physical Review B, 2012, 86, .	3.2	27
15	A monolithically integrated organic photodetector and thin film transistor. Organic Electronics, 2010, 11, 175-178.	2.6	52
16	Structural templating of multiple polycrystalline layers in organic photovoltaic cells. Optics Express, 2010, 18, A444.	3.4	30