

C Kyle Renshaw

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1589911/publications.pdf>

Version: 2024-02-01

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