

Jonas Kublitski

List of Publications by Year in descending order

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22
papers

952
citations

687363

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888059

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26
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docs citations

26
times ranked

1044
citing authors

#	ARTICLE	IF	CITATIONS
1	Narrowband organic photodetectors – towards miniaturized, spectroscopic sensing. <i>Materials Horizons</i> , 2022, 9, 220-251.	12.2	76
2	Photomultiplication-Type Organic Photodetectors for Near-Infrared Sensing with High and Bias-Independent Specific Detectivity. <i>Advanced Science</i> , 2022, 9, e2105113.	11.2	33
3	Reply to Comment on “Enhanced Charge Selectivity via Anodic-C ₆₀ Layer Reduces Nonradiative Losses in Organic Solar Cells”. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 7527-7530.	8.0	2
4	Organic Semiconductor Devices for Light Detection. <i>Springer Theses</i> , 2022, , .	0.1	0
5	Enhancing Sub-Bandgap External Quantum Efficiency by Photomultiplication in Narrowband Organic Near-Infrared Photodetectors. <i>Springer Theses</i> , 2022, , 151-169.	0.1	0
6	Organic Semiconductors for Light Detection. <i>Springer Theses</i> , 2022, , 49-90.	0.1	0
7	Fundamentals of Light Detection. <i>Springer Theses</i> , 2022, , 11-48.	0.1	0
8	Reverse dark current in organic photodetectors and the major role of traps as source of noise. <i>Nature Communications</i> , 2021, 12, 551.	12.8	122
9	Enhanced Charge Selectivity via Anodic-C ₆₀ Layer Reduces Nonradiative Losses in Organic Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 12603-12609.	8.0	9
10	Band gap engineering in blended organic semiconductor films based on dielectric interactions. <i>Nature Materials</i> , 2021, 20, 1407-1413.	27.5	17
11	Enhancing sub-bandgap external quantum efficiency by photomultiplication for narrowband organic near-infrared photodetectors. <i>Nature Communications</i> , 2021, 12, 4259.	12.8	69
12	Miniaturized VIS-NIR Spectrometers Based on Narrowband and Tunable Transmission Cavity Organic Photodetectors with Ultrahigh Specific Detectivity above 10 ¹⁴ Jones. <i>Advanced Materials</i> , 2021, 33, e2102967.	21.0	58
13	Stacked Dual-Wavelength Near-Infrared Organic Photodetectors. <i>Advanced Optical Materials</i> , 2021, 9, 2001784.	7.3	40
14	Intrinsic Detectivity Limits of Organic Near-Infrared Photodetectors. <i>Advanced Materials</i> , 2020, 32, e2003818.	21.0	95
15	Orientation dependent molecular electrostatics drives efficient charge generation in homojunction organic solar cells. <i>Nature Communications</i> , 2020, 11, 4617.	12.8	60
16	Field Effect versus Driving Force: Charge Generation in Small-Molecule Organic Solar Cells. <i>Advanced Energy Materials</i> , 2020, 10, 2002124.	19.5	19
17	Sub-picosecond charge-transfer at near-zero driving force in polymer:non-fullerene acceptor blends and bilayers. <i>Nature Communications</i> , 2020, 11, 833.	12.8	130
18	Strong light-matter coupling for reduced photon energy losses in organic photovoltaics. <i>Nature Communications</i> , 2019, 10, 3706.	12.8	72

#	ARTICLE	IF	CITATIONS
19	Manipulating the Charge Transfer Absorption for Narrowband Light Detection in the Near-Infrared. <i>Chemistry of Materials</i> , 2019, 31, 9325-9330.	6.7	40
20	Impact of molecular quadrupole moments on the energy levels at organic heterojunctions. <i>Nature Communications</i> , 2019, 10, 2466.	12.8	101
21	Electrode material dependent p- or n-like thermoelectric behavior of single electrochemically synthesized poly(2,2'-bithiophene) layer application to thin film thermoelectric generator. <i>Journal of Solid State Electrochemistry</i> , 2016, 20, 2191-2196.	2.5	6
22	Mechanical, structural and tribological properties of superaustenitic stainless steel submitted at solution heat treatment. <i>Revista Materia</i> , 2015, 20, 160-168.	0.2	3