

Vasileios C Nikolis

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5351262/publications.pdf>

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8
papers

573
citations

1307594

7
h-index

1588992

8
g-index

9
all docs

9
docs citations

9
times ranked

955
citing authors

#	ARTICLE	IF	CITATIONS
1	Emissive and charge-generating donor-acceptor interfaces for organic optoelectronics with low voltage losses. <i>Nature Materials</i> , 2019, 18, 459-464.	27.5	131
2	Reducing Voltage Losses in Cascade Organic Solar Cells while Maintaining High External Quantum Efficiencies. <i>Advanced Energy Materials</i> , 2017, 7, 1700855.	19.5	122
3	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
4	Strong light-matter coupling for reduced photon energy losses in organic photovoltaics. <i>Nature Communications</i> , 2019, 10, 3706.	12.8	72
5	Orientation dependent molecular electrostatics drives efficient charge generation in homojunction organic solar cells. <i>Nature Communications</i> , 2020, 11, 4617.	12.8	60
6	Molecular vibrations reduce the maximum achievable photovoltage in organic solar cells. <i>Nature Communications</i> , 2020, 11, 1488.	12.8	40
7	Field Effect versus Driving Force: Charge Generation in Small-Molecule Organic Solar Cells. <i>Advanced Energy Materials</i> , 2020, 10, 2002124.	19.5	19
8	Diffusion-enhanced exciton dissociation in single-material organic solar cells. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 20848-20853.	2.8	7