

David A Hanifi

List of Publications by Year in descending order

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9
papers

1,563
citations

1040056

9
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

3080
citing authors

#	ARTICLE	IF	CITATIONS
1	Reducing the efficiency–stability–cost gap of organic photovoltaics with highly efficient and stable small molecule acceptor ternary solar cells. <i>Nature Materials</i> , 2017, 16, 363-369.	27.5	921
2	Redefining near-unity luminescence in quantum dots with photothermal threshold quantum yield. <i>Science</i> , 2019, 363, 1199-1202.	12.6	190
3	Fused electron deficient semiconducting polymers for air stable electron transport. <i>Nature Communications</i> , 2018, 9, 416.	12.8	133
4	Energetic Control of Redox-Active Polymers toward Safe Organic Bioelectronic Materials. <i>Advanced Materials</i> , 2020, 32, e1908047.	21.0	124
5	Naphthalenediimide Polymers with Finely Tuned In-Chain Conjugation: Electronic Structure, Film Microstructure, and Charge Transport Properties. <i>Advanced Materials</i> , 2016, 28, 9169-9174.	21.0	63
6	The Effect of Processing Additives on Energetic Disorder in Highly Efficient Organic Photovoltaics: A Case Study on PBDTTT-C ₆₀ :PC ₇₁ BM. <i>Advanced Materials</i> , 2015, 27, 3868-3873.	21.0	46
7	Open-Circuit Voltage in Organic Solar Cells: The Impacts of Donor Semicrystallinity and Coexistence of Multiple Interfacial Charge-Transfer Bands. <i>Advanced Energy Materials</i> , 2017, 7, 1601995.	19.5	35
8	Toward Conductive Mesocrystalline Assemblies: PbS Nanocrystals Cross-Linked with Tetrathiafulvalene Dicarboxylate. <i>Chemistry of Materials</i> , 2015, 27, 8105-8115.	6.7	32
9	Dynamic lattice distortions driven by surface trapping in semiconductor nanocrystals. <i>Nature Communications</i> , 2021, 12, 1860.	12.8	19