

James Cave

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6013607/publications.pdf>

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8
papers

414
citations

1163117
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1588992
8
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9
all docs

9
docs citations

9
times ranked

891
citing authors

#	ARTICLE	IF	CITATIONS
1	Trinidadian guppies use a social heuristic that can support cooperation among non-kin. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20200487.	2.6	12
2	Deducing transport properties of mobile vacancies from perovskite solar cell characteristics. Journal of Applied Physics, 2020, 128, .	2.5	25
3	IonMonger: a free and fast planar perovskite solar cell simulator with coupled ion vacancy and charge carrier dynamics. Journal of Computational Electronics, 2019, 18, 1435-1449.	2.5	42
4	How transport layer properties affect perovskite solar cell performance: insights from a coupled charge transport/ion migration model. Energy and Environmental Science, 2019, 12, 396-409.	30.8	184
5	The Role of Surface Recombination on the Performance of Perovskite Solar Cells: Effect of Morphology and Crystalline Phase of TiO ₂ Contact. Advanced Materials Interfaces, 2018, 5, 1801076.	3.7	30
6	Engineering Two-Phase and Three-Phase Microstructures from Water-Based Dispersions of Nanoparticles for Eco-Friendly Polymer Solar Cell Applications. Chemistry of Materials, 2018, 30, 6521-6531.	6.7	25
7	Measurement and modelling of dark current decay transients in perovskite solar cells. Journal of Materials Chemistry C, 2017, 5, 452-462.	5.5	64
8	Utilizing Energy Transfer in Binary and Ternary Bulk Heterojunction Organic Solar Cells. ACS Applied Materials & Interfaces, 2016, 8, 20928-20937.	8.0	32