

Cameron Jellett

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

562
citations

933447

10
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

1023
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous microwave-assisted reduction and B/N co-doping of graphene oxide for selective recognition of VOCs. <i>Journal of Materials Chemistry C</i> , 2022, 10, 3307-3317.	5.5	5
2	Linking Glass-Transition Behavior to Photophysical and Charge Transport Properties of High-Mobility Conjugated Polymers. <i>Advanced Functional Materials</i> , 2021, 31, 2007359.	14.9	26
3	Acene Ring Size Optimization in Fused Lactam Polymers Enabling High n-Type Organic Thermoelectric Performance. <i>Journal of the American Chemical Society</i> , 2021, 143, 260-268.	13.7	68
4	Charge transport physics of a unique class of rigid-rod conjugated polymers with fused-ring conjugated units linked by double carbon-carbon bonds. <i>Science Advances</i> , 2021, 7, .	10.3	28
5	Resolving Different Physical Origins toward Crystallite Imperfection in Semiconducting Polymers: Crystallite Size vs Paracrystallinity. <i>Journal of Physical Chemistry B</i> , 2020, 124, 10529-10538.	2.6	12
6	Anisotropy of Charge Transport in a Uniaxially Aligned Fused Electron-Deficient Polymer Processed by Solution Shear Coating. <i>Advanced Materials</i> , 2020, 32, e2000063.	21.0	38
7	Polaron spin dynamics in high-mobility polymeric semiconductors. <i>Nature Physics</i> , 2019, 15, 814-822.	16.7	40
8	Long spin diffusion lengths in doped conjugated polymers due to enhanced exchange coupling. <i>Nature Electronics</i> , 2019, 2, 98-107.	26.0	62
9	Fused electron deficient semiconducting polymers for air stable electron transport. <i>Nature Communications</i> , 2018, 9, 416.	12.8	133
10	Crystal Engineering of Dibenzothiopheno[3,2- <i>b</i>]thiophene (DBTTT) Isomers for Organic Field-Effect Transistors. <i>Chemistry of Materials</i> , 2018, 30, 7587-7592.	6.7	24
11	Diazaisoindigo bithiophene and terthiophene copolymers for application in field-effect transistors and solar cells. <i>Journal of Polymer Science Part A</i> , 2017, 55, 2691-2699.	2.3	14
12	Improved environmental stability of organic lead trihalide perovskite-based photoactive-layers in the presence of mesoporous TiO ₂ . <i>Journal of Materials Chemistry A</i> , 2015, 3, 7219-7223.	10.3	112