

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