

Adam Marks

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,659
citations

567281

15
h-index

839539

18
g-index

20
all docs

20
docs citations

20
times ranked

2227
citing authors

#	ARTICLE	IF	CITATIONS
1	Organic Electrochemical Transistors: An Emerging Technology for Biosensing. <i>Advanced Materials Interfaces</i> , 2022, 9, .	3.7	70
2	The effect of side chain engineering on conjugated polymers in organic electrochemical transistors for bioelectronic applications. <i>Journal of Materials Chemistry C</i> , 2022, 10, 2314-2332.	5.5	39
3	Propylene and butylene glycol: new alternatives to ethylene glycol in conjugated polymers for bioelectronic applications. <i>Materials Horizons</i> , 2022, 9, 973-980.	12.2	23
4	Molecular Design Strategies toward Improvement of Charge Injection and Ionic Conduction in Organic Mixed Ionic–Electronic Conductors for Organic Electrochemical Transistors. <i>Chemical Reviews</i> , 2022, 122, 4325-4355.	47.7	100
5	Synthetic Nuances to Maximize n-Type Organic Electrochemical Transistor and Thermoelectric Performance in Fused Lactam Polymers. <i>Journal of the American Chemical Society</i> , 2022, 144, 4642-4656.	13.7	63
6	Tuning Organic Electrochemical Transistor Threshold Voltage using Chemically Doped Polymer Gates. <i>Advanced Materials</i> , 2022, 34, .	21.0	14
7	Conjugated Polymers for Microwave Applications: Untethered Sensing Platforms and Multifunctional Devices. <i>Advanced Materials</i> , 2022, 34, .	21.0	11
8	Polaron Delocalization in Donor–Acceptor Polymers and its Impact on Organic Electrochemical Transistor Performance. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 7777-7785.	13.8	84
9	Polaron Delocalization in Donor–Acceptor Polymers and its Impact on Organic Electrochemical Transistor Performance. <i>Angewandte Chemie</i> , 2021, 133, 7856-7864.	2.0	16
10	n-Type Rigid Semiconducting Polymers Bearing Oligo(Ethylene Glycol) Side Chains for High-Performance Organic Electrochemical Transistors. <i>Angewandte Chemie</i> , 2021, 133, 9454-9459.	2.0	17
11	n-Type Rigid Semiconducting Polymers Bearing Oligo(Ethylene Glycol) Side Chains for High-Performance Organic Electrochemical Transistors. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 9368-9373.	13.8	84
12	Reversible Electrochemical Charging of n-Type Conjugated Polymer Electrodes in Aqueous Electrolytes. <i>Journal of the American Chemical Society</i> , 2021, 143, 14795-14805.	13.7	62
13	n-Type organic semiconducting polymers: stability limitations, design considerations and applications. <i>Journal of Materials Chemistry C</i> , 2021, 9, 8099-8128.	5.5	123
14	¹⁷ O NMR spectroscopy as a tool to study hydrogen bonding of cholesterol in lipid bilayers. <i>Chemical Communications</i> , 2020, 56, 14499-14502.	4.1	13
15	Polaron spin dynamics in high-mobility polymeric semiconductors. <i>Nature Physics</i> , 2019, 15, 814-822.	16.7	40
16	Long spin diffusion lengths in doped conjugated polymers due to enhanced exchange coupling. <i>Nature Electronics</i> , 2019, 2, 98-107.	26.0	62
17	Critical review of the molecular design progress in non-fullerene electron acceptors towards commercially viable organic solar cells. <i>Chemical Society Reviews</i> , 2019, 48, 1596-1625.	38.1	814
18	Crystal Engineering of Dibenzothiophenothieno[3,2-b]thiophene (DBTTT) Isomers for Organic Field-Effect Transistors. <i>Chemistry of Materials</i> , 2018, 30, 7587-7592.	6.7	24

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19	Understanding the effect of polymer hydration on n-type organic mixed semiconductor transistors. , O, , .		0