Abhijith Surendran

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11799924/publications.pdf

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17	675	623574	996849
papers	citations	14 h-index	15 g-index

18	18	18	978
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ionicâ€Liquid Doping Enables High Transconductance, Fast Response Time, and High Ion Sensitivity in Organic Electrochemical Transistors. Advanced Materials, 2019, 31, e1805544.	11.1	95
2	Electroactive poly(vinylidene fluoride) fluoride separator for sodium ion battery with high coulombic efficiency. Solid State Ionics, 2016, 292, 130-135.	1.3	89
3	Human Hair Keratin for Biocompatible Flexible and Transient Electronic Devices. ACS Applied Materials & Interfaces, 2017, 9, 43004-43012.	4.0	74
4	Universal Spray-Deposition Process for Scalable, High-Performance, and Stable Organic Electrochemical Transistors. ACS Applied Materials & Interfaces, 2020, 12, 20757-20764.	4.0	48
5	Recent Technological Advances in Fabrication and Application of Organic Electrochemical Transistors. Advanced Materials Technologies, 2020, 5, 2000523.	3.0	46
6	Ionicâ€Liquid Induced Morphology Tuning of PEDOT:PSS for Highâ€Performance Organic Electrochemical Transistors. Advanced Functional Materials, 2022, 32, .	7.8	43
7	Contact Modulated Ionic Transfer Doping in Allâ€Solidâ€State Organic Electrochemical Transistor for Ultraâ€High Sensitive Tactile Perception at Low Operating Voltage. Advanced Functional Materials, 2020, 30, 2006186.	7.8	42
8	Self-Healable Organic Electrochemical Transistor with High Transconductance, Fast Response, and Long-Term Stability. ACS Applied Materials & Interfaces, 2020, 12, 33979-33988.	4.0	40
9	Enhancing the Electrochemical Doping Efficiency in Diketopyrrolopyrroleâ€Based Polymer for Organic Electrochemical Transistors. Advanced Electronic Materials, 2021, 7, .	2.6	39
10	Optogenetics inspired transition metal dichalcogenide neuristors for in-memory deep recurrent neural networks. Nature Communications, 2020, 11, 3211.	5.8	36
11	Cubic NaSbS₂ as an Ionicâ€“Electronic Coupled Semiconductor for Switchable Photovoltaic and Neuromorphic Device Applications. Advanced Materials, 2020, 32, e1906976.	11.1	34
12	Electrospun electroactive polyvinylidene fluoride-based fibrous polymer electrolyte for sodium ion batteries. Materials Research Express, 2019, 6, 086318.	0.8	25
13	Electrochemical characterization of a polar Î²-phase poly (vinylidene fluoride) gel electrolyte in sodium ion cell. Journal of Electroanalytical Chemistry, 2019, 833, 411-417.	1.9	25
14	Diketopyrrolopyrrole based organic semiconductors with different numbers of thiophene units: symmetry tuning effect on electronic devices. New Journal of Chemistry, 2018, 42, 4017-4028.	1.4	19
15	Perturbation-Induced Seeding and Crystallization of Hybrid Perovskites over Surface-Modified Substrates for Optoelectronic Devices. ACS Applied Materials & Interfaces, 2019, 11, 27727-27734.	4.0	12
16	Selfâ€Powered Organic Electrochemical Transistors with Stable, Lightâ€Intensity Independent Operation Enabled by Carbonâ€Based Perovskite Solar Cells. Advanced Materials Technologies, 0, , 2100565.	3.0	7
17	Flexible Organic Electronics: Contact Modulated Ionic Transfer Doping in Allâ€Solidâ€State Organic Electrochemical Transistor for Ultraâ€High Sensitive Tactile Perception at Low Operating Voltage (Adv.) Tj ETQq1 1 0.784314 rgBT /O	7.8	4