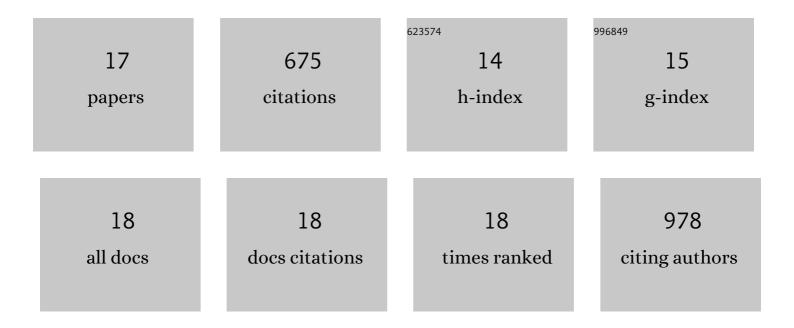
Abhijith Surendran

List of Publications by Year in descending order

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| # | 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 NaSbS ₂ as an Ionic–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 β-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 | l 17 0 87843 | 14.rgBT /O |