Abhilash Pullanchiyodan

List of Publications by Year
in descending order

29	1,064	489802 18	685536 24
papers	citations	h-index	g-index

29	29	29	1159
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bioinspired Inchwormâ€•and Earthwormâ€like Soft Robots with Intrinsic Strain Sensing. Advanced Intelligent Systems, 2022, 4, 2100092.	3.3	35
2	Natural Jute Fibreâ€Based Supercapacitors and Sensors for Ecoâ€Friendly Energy Autonomous Systems. Advanced Sustainable Systems, 2021, 5, 2000286.	2.7	39
3	Metal Coated Fabric Based Asymmetric Supercapacitor for Wearable Applications. IEEE Sensors Journal, 2021, 21, 26208-26214.	2.4	11
4	MnO_x-Electrodeposited Fabric-Based Stretchable Supercapacitors with Intrinsic Strain Sensing. ACS Applied Materials & Interfaces, 2021, 13, 47581-47592.	4.0	20
5	SensAct: The Soft and Squishy Tactile Sensor with Integrated Flexible Actuator. Advanced Intelligent Systems, 2021, 3, 1900145.	3.3	64
6	Ferroelectric-assisted high-performance triboelectric nanogenerators based on electrospun P(VDF-TrFE) composite nanofibers with barium titanate nanofillers. Nano Energy, 2021, 90, 106600.	8.2	52
7	Graphite-Based Bioinspired Piezoresistive Soft Strain Sensors with Performance Optimized for Low Strain Values. ACS Applied Materials & Interfaces, 2021, 13, 61610-61619.	4.0	23
8	Robotic Hands with Intrinsic Tactile Sensing via 3D Printed Soft Pressure Sensors. Advanced Intelligent Systems, 2020, 2, 1900080.	3.3	101
9	Enhanced dielectric properties of Ba₃ZnTa_{2â€™x}Nb_xO₉ in microwave region using tungstic acid. Phase Transitions, 2020, 93, 175-182.	0.6	0
10	Microwave dielectric properties of (1-x)Ba(Mg1/3Ta2/3) O3 â€“ (x)Ba(Mg1/8Ta3/4)O3 ceramics synthesized by one pot metathesis process. Ferroelectrics, 2020, 558, 92-103.	0.3	1
11	A Wearable Supercapacitor Based on Conductive PEDOT:PSSâ€Coated Cloth and a Sweat Electrolyte. Advanced Materials, 2020, 32, e1907254.	11.1	282
12	Metal Coated Conductive Fabrics with Graphite Electrodes and Biocompatible Gel Electrolyte for Wearable Supercapacitors. Advanced Materials Technologies, 2020, 5, 1901107.	3.0	53
13	Flexible Supercapacitor with Sweat Equivalent Electrolyte for Safe and Ecofriendly Energy Storage. , 2020, , .		0
14	Metal Coated Fabric Based Supercapacitors. , 2020, , .		1
15	3D Printed Interconnects on Bendable Substrates for 3D Circuits. , 2019, , .		10
16	Silica-Based Organicâ€“Inorganic Hybrid Fluorescent Ink for Security Applications. ACS Omega, 2019, 4, 2577-2583.	1.6	25
17	Impact of acceptor-type substitution on electrical transport properties of zircon-type EuVO4. Journal of the European Ceramic Society, 2018, 38, 145-151.	2.8	0
18	A facile development of homemade substrate using â€˜quench freeâ€™ glass-ceramic composite and printing microstrip patch antenna on it. Materials and Design, 2018, 137, 38-46.	3.3	21

#	Article	IF	Citations
19	Magnesium-doped zircon-type rare-earth orthovanadates: Structural and electrical characterization. Ceramics International, 2018, 44, 96-103.	2.3	3
20	Microwave dielectrics: solid solution, ordering and microwave dielectric properties ofÂ $$(1{-}x)hbox {Ba}(hbox {Mg}_{1/3}hbox {Nb}_{2/3})hbox {O}_{3}{-}xhbox {Ba(Mg}_{1/8}hbox {Nb}_{3/4})hbox		