

Qi-Jun Sun

List of Publications by Year in descending order

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35
papers

1,599
citations

361413

20
h-index

414414

32
g-index

37
all docs

37
docs citations

37
times ranked

2713
citing authors

#	ARTICLE	IF	CITATIONS
1	<sc>Spray printed</sc> conjugated polymer on tissue paper for highly sensitive pressure sensors. Polymer International, 2021, 70, 450-456.	3.1	12
2	Scalable fabrication of hierarchically structured graphite/polydimethylsiloxane composite films for large-area triboelectric nanogenerators and self-powered tactile sensing. Nano Energy, 2021, 80, 105521.	16.0	55
3	Hierarchically porous <sc>Nâ€doped</sc> carbon nanofibers derived from <sc>ZIF</sc>â€8/<sc>PAN</sc> composites for benzene adsorption. Journal of Applied Polymer Science, 2021, 138, 50431.	2.6	13
4	Facilely prepared layer-by-layer graphene membrane-based pressure sensor with high sensitivity and stability for smart wearable devices. Journal of Materials Science and Technology, 2020, 45, 241-247.	10.7	39
5	Bioinspired, Self-Powered, and Highly Sensitive Electronic Skin for Sensing Static and Dynamic Pressures. ACS Applied Materials & Interfaces, 2020, 12, 37239-37247.	8.0	36
6	Facile Synthesis of Phosphorus and Cobalt Co-Doped Graphitic Carbon Nitride for Fire and Smoke Suppressions of Polylactide Composite. Polymers, 2020, 12, 1106.	4.5	25
7	Nanomaterials for Flexible Arterial Pulse Sensors. , 2020, , 309-359.		0
8	Wearable Device for Monitoring Heart Rate Based on Low-Cost Piezoresistive Sensor. , 2019, , .		7
9	Significantly improved dielectric properties of polylactide nanocomposites via TiO ₂ decorated carbon nanotubes. Composites Part A: Applied Science and Manufacturing, 2019, 127, 105650.	7.6	59
10	Fingertipâ€skinâ€Inspired Highly Sensitive and Multifunctional Sensor with Hierarchically Structured Conductive Graphite/Polydimethylsiloxane Foams. Advanced Functional Materials, 2019, 29, 1808829.	14.9	157
11	Fabrication of carboxymethyl cellulose and graphene oxide bio-nanocomposites for flexible nonvolatile resistive switching memory devices. Carbohydrate Polymers, 2019, 214, 213-220.	10.2	54
12	Ecofriendly UV-protective films based on poly(propylene carbonate) biocomposites filled with TiO ₂ decorated lignin. International Journal of Biological Macromolecules, 2019, 126, 1030-1036.	7.5	52
13	Highly Sensitive and Ultrastable Skin Sensors for Biopressure and Bioforce Measurements Based on Hierarchical Microstructures. ACS Applied Materials & Interfaces, 2018, 10, 4086-4094.	8.0	83
14	Interface Engineering via Photopolymerization-Induced Phase Separation for Flexible UV-Responsive Phototransistors. ACS Applied Materials & Interfaces, 2018, 10, 7487-7496.	8.0	12
15	Synergetic enhancement on flame retardancy by melamine phosphate modified lignin in rice husk ash filled P34HB biocomposites. Composites Science and Technology, 2018, 168, 246-254.	7.8	50
16	Rheological and antibacterial performance of sodium alginate/zinc oxide composite coating for cellulosic paper. Colloids and Surfaces B: Biointerfaces, 2018, 167, 538-543.	5.0	28
17	Localized Surface Plasmon Resonance-Mediated Charge Trapping/Detrapping for Coreâ€Shell Nanorod-Based Optical Memory Cells. ACS Applied Materials & Interfaces, 2017, 9, 34101-34110.	8.0	37
18	An Overview of the Development of Flexible Sensors. Advanced Materials, 2017, 29, 1700375.	21.0	483

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19	Real-time storage of thermal signals in organic memory with floating core-shell nanoparticles. <i>Journal of Materials Chemistry C</i> , 2017, 5, 8415-8423.	5.5	16
20	Polymer-modified solution-processed metal oxide dielectrics on aluminum foil substrate for flexible organic transistors. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2016, 213, 2509-2517.	1.8	4
21	Investigation on the mobility and stability in organic thin film transistors consisting of bilayer gate dielectrics. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2016, 213, 79-84.	1.8	14
22	Solution-Processed Rare-Earth Oxide Thin Films for Alternative Gate Dielectric Application. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 31128-31135.	8.0	32
23	Hybrid Flexible Resistive Random Access Memory-Gated Transistor for Novel Nonvolatile Data Storage. <i>Small</i> , 2016, 12, 390-396.	10.0	42
24	Low-voltage extended gate organic thin film transistors for ion sensing based on semi-conducting polymer electrodes. , 2016, , .		0
25	Mobility Enhancement of P3HT-Based OTFTs upon Blending with Au Nanorods. <i>Particle and Particle Systems Characterization</i> , 2015, 32, 1051-1057.	2.3	6
26	Surface Decoration on Polymeric Gate Dielectrics for Flexible Organic Field-Effect Transistors via Hydroxylation and Subsequent Monolayer Self-Assembly. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 23464-23471.	8.0	18
27	Photo-reactive charge trapping memory based on lanthanide complex. <i>Scientific Reports</i> , 2015, 5, 14998.	3.3	32
28	A cost-effective commercial soluble oxide cluster for highly efficient and stable organic solar cells. <i>Journal of Materials Chemistry A</i> , 2014, 2, 1436-1442.	10.3	86
29	Intrinsic Ge nanowire nonvolatile memory based on a simple core-shell structure. <i>Nanotechnology</i> , 2014, 25, 075201.	2.6	8
30	Probing bias stress effect and contact resistance in bilayer ambipolar organic field-effect transistors. <i>Applied Physics Letters</i> , 2013, 103, .	3.3	15
31	Low temperature, solution-processed alumina for organic solar cells. <i>Nanotechnology</i> , 2013, 24, 484010.	2.6	28
32	Understanding temperature dependence of threshold voltage in pentacene thin film transistors. <i>Journal of Applied Physics</i> , 2013, 113, .	2.5	17
33	Low-temperature solution-processed alumina as gate dielectric for reducing the operating-voltage of organic field-effect transistors. <i>Applied Physics Letters</i> , 2013, 103, .	3.3	31
34	Morphology control of tunneling dielectric towards high-performance organic field-effect transistor nonvolatile memory. <i>Organic Electronics</i> , 2012, 13, 1908-1915.	2.6	47
35	Two-dimensional oxide based pressure sensors with high sensitivity. <i>Nano Select</i> , 0, , .	3.7	0