

Fengyan Ge

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6691243/publications.pdf>

Version: 2024-02-01

24
papers

792
citations

516215

16
h-index

642321

23
g-index

25
all docs

25
docs citations

25
times ranked

996
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Performance Laminated Fabric with Enhanced Photothermal Conversion and Joule Heating Effect for Personal Thermal Management. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 8851-8862.	4.0	100
2	Carbonized cotton fabric in-situ electrodeposition polypyrrole as high-performance flexible electrode for wearable supercapacitor. <i>Electrochimica Acta</i> , 2019, 296, 617-626.	2.6	80
3	Potentiostatically synthesized flexible polypyrrole/multi-wall carbon nanotube/cotton fabric electrodes for supercapacitors. <i>Cellulose</i> , 2016, 23, 637-648.	2.4	63
4	Combined effect of nitrogen and oxygen heteroatoms and micropores of porous carbon frameworks from Schiff-base networks on their high supercapacitance. <i>Journal of Materials Chemistry A</i> , 2018, 6, 1621-1629.	5.2	59
5	High-performance all-solid-state supercapacitor derived from PPy coated carbonized silk fabric. <i>Applied Surface Science</i> , 2019, 473, 967-975.	3.1	54
6	Low-cost and large-scale flexible SERS-cotton fabric as a wipe substrate for surface trace analysis. <i>Applied Surface Science</i> , 2018, 436, 111-116.	3.1	53
7	A novel high performance flexible supercapacitor based on porous carbonized cotton/ZnO nanoparticle/CuS micro-sphere. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 584, 124025.	2.3	49
8	Wearable Solid-State Supercapacitors Operating at High Working Voltage with a Flexible Nanocomposite Electrode. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 25905-25914.	4.0	46
9	A freestanding polypyrrole hybrid electrode supported by conducting silk fabric coated with PEDOT:PSS and MWCNTs for high-performance supercapacitor. <i>Electrochimica Acta</i> , 2019, 317, 42-51.	2.6	42
10	Metal organic frameworks-derived porous NiCo ₂ S ₄ nanorods and N-doped carbon for high-performance battery-supercapacitor hybrid device. <i>Journal of Power Sources</i> , 2019, 440, 227146.	4.0	35
11	Flexible and recyclable SERS substrate fabricated by decorated TiO ₂ film with Ag NPs on the cotton fabric. <i>Cellulose</i> , 2019, 26, 2689-2697.	2.4	32
12	A flexible carbon electrode based on traditional cotton woven fabrics with excellent capacitance. <i>Journal of Materials Science</i> , 2017, 52, 9773-9779.	1.7	28
13	Heteroatoms-doped porous carbon electrodes with three-dimensional self-supporting structure derived from cotton fabric for high-performance wearable supercapacitors. <i>Journal of Power Sources</i> , 2021, 482, 228934.	4.0	28
14	Low-voltage Electrical Heater Based on One-step Fabrication of Conductive Cu Nanowire Networks for Application in Wearable Devices. <i>Advanced Materials Interfaces</i> , 2021, 8, 2001695.	1.9	26
15	Self-assembly of Ag nanoparticles on the woven cotton fabrics as mechanical flexible substrates for surface enhanced Raman scattering. <i>Journal of Alloys and Compounds</i> , 2017, 726, 484-489.	2.8	25
16	A dyeing-induced heteroatom-co-doped route toward flexible carbon electrode derived from silk fabric. <i>Journal of Materials Science</i> , 2018, 53, 7735-7743.	1.7	19
17	Ag-coated nylon fabrics as flexible substrates for surface-enhanced Raman scattering swabbing applications. <i>Journal of Materials Research</i> , 2020, 35, 1271-1278.	1.2	12
18	Fluorescence Sensor Performance of a New Fluorescein Derivate: [2-Morpholine-4-(6-chlorine-1,3,5-triazine)-amino]fluorescein. <i>Bulletin of the Korean Chemical Society</i> , 2015, 36, 2703-2709.		9

#	ARTICLE	IF	CITATIONS
19	Enhancement of SERS performance using hydrophobic or superhydrophobic cotton fabrics. <i>Surfaces and Interfaces</i> , 2022, 28, 101616.	1.5	8
20	One-step anchored polymers via phenolamine bionic design on textile-based heater for application in personal heat management. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	1.3	8
21	A Novel Method to Fabricate Nitrogen and Oxygen Co-Doped Flexible Cotton-Based Electrode for Wearable Supercapacitors. <i>ChemElectroChem</i> , 2019, 6, 4049-4058.	1.7	6
22	The fabrication of hierarchically porous carbon-coated nickel oxide nanomaterials with enhanced electrochemical properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 20641-20653.	1.1	5
23	A New Smart Surface-Enhanced Raman Scattering Sensor Based on pH-Responsive Polyacryloyl Hydrazine Capped Ag Nanoparticles. <i>Nanoscale Research Letters</i> , 2017, 12, 490.	3.1	4
24	The preparation of antibacterial eco-friendly bio-based PTT-based β -cyclodextrin by complexation of copper and zinc ions. <i>Textile Reseach Journal</i> , 0, , 004051752110138.	1.1	1