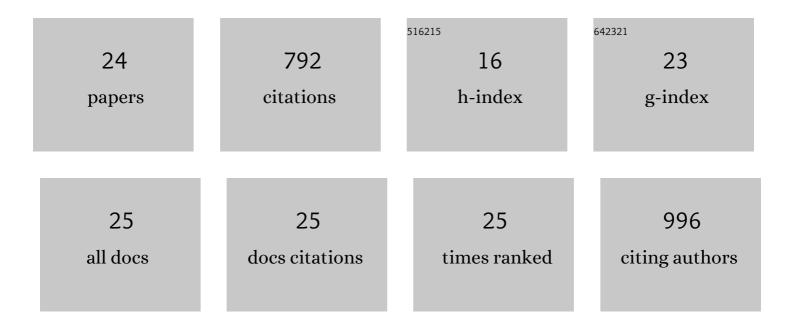
Fengyan Ge

List of Publications by Year in descending order

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FENCYAN GE

#	Article	IF	CITATIONS
1	High-Performance Laminated Fabric with Enhanced Photothermal Conversion and Joule Heating Effect for Personal Thermal Management. ACS Applied Materials & Interfaces, 2021, 13, 8851-8862.	4.0	100
2	Carbonized cotton fabric in-situ electrodeposition polypyrrole as high-performance flexible electrode for wearable supercapacitor. Electrochimica Acta, 2019, 296, 617-626.	2.6	80
3	Potentiostatically synthesized flexible polypyrrole/multi-wall carbon nanotube/cotton fabric electrodes for supercapacitors. Cellulose, 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. Journal of Materials Chemistry A, 2018, 6, 1621-1629.	5.2	59
5	High-performance all-solid-state supercapacitor derived from PPy coated carbonized silk fabric. Applied Surface Science, 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. Applied Surface Science, 2018, 436, 111-116.	3.1	53
7	A novel high performance flexible supercapacitor based on porous carbonized cotton/ZnO nanoparticle/CuS micro-sphere. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 584, 124025.	2.3	49
8	Wearable Solid-State Supercapacitors Operating at High Working Voltage with a Flexible Nanocomposite Electrode. ACS Applied Materials & Interfaces, 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. Electrochimica Acta, 2019, 317, 42-51.	2.6	42
10	Metal organic frameworks-derived porous NiCo2S4 nanorods and N-doped carbon for high-performance battery-supercapacitor hybrid device. Journal of Power Sources, 2019, 440, 227146.	4.0	35
11	Flexible and recyclable SERS substrate fabricated by decorated TiO2 film with Ag NPs on the cotton fabric. Cellulose, 2019, 26, 2689-2697.	2.4	32
12	A flexible carbon electrode based on traditional cotton woven fabrics with excellent capacitance. Journal of Materials Science, 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. Journal of Power Sources, 2021, 482, 228934.	4.0	28
14	Lowâ€Voltage Electrical Heater Based on One‣tep Fabrication of Conductive Cu Nanowire Networks for Application in Wearable Devices. Advanced Materials Interfaces, 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. Journal of Alloys and Compounds, 2017, 726, 484-489.	2.8	25
16	A dyeing-induced heteroatom-co-doped route toward flexible carbon electrode derived from silk fabric. Journal of Materials Science, 2018, 53, 7735-7743.	1.7	19
17	Ag-coated nylon fabrics as flexible substrates for surface-enhanced Raman scattering swabbing applications. Journal of Materials Research, 2020, 35, 1271-1278.	1.2	12
18	Fluorescence Sensor Performance of a New Fluorescein Derivate: [2â€Morpholineâ€4â€(6â€chlorineâ€1,3,5â€sâ€triazine)â€amino]fluorescein. Bulletin of the Korean Chemical S 2015, 36, 2703-2709.	ociety,	9

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#	Article	IF	CITATIONS
19	Enhancement of SERS performance using hydrophobic or superhydrophobic cotton fabrics. Surfaces and Interfaces, 2022, 28, 101616.	1.5	8
20	Oneâ€step anchored polymers via phenolamine bionic design on textileâ€based heater for application in personal heat management. Journal of Applied Polymer Science, 2022, 139, .	1.3	8
21	A Novel Method to Fabricate Nitrogen and Oxygen Coâ€Doped Flexible Cottonâ€Based Electrode for Wearable Supercapacitors. ChemElectroChem, 2019, 6, 4049-4058.	1.7	6
22	The fabrication of hierarchically porous carbon-coated nickel oxide nanomaterials with enhanced electrochemical properties. Journal of Materials Science: Materials in Electronics, 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. Nanoscale Research Letters, 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. Textile Reseach Journal, 0, , 004051752110138.	1.1	1