

CITATION REPORT

List of articles citing

Transparent and flexible high-performance supercapacitors based on single-walled carbon nanotube films

DOI: 10.1088/0957-4484/27/23/235403
Nanotechnology, 2016, 27, 235403.

Source: <https://exaly.com/paper-pdf/64117773/citation-report.pdf>

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
72	Stretchable and transparent supercapacitors based on aerosol synthesized single-walled carbon nanotube films. <i>RSC Advances</i> , 2016 , 6, 93915-93921	3.7	31
71	Ag/Au/Polypyrrole Core-shell Nanowire Network for Transparent, Stretchable and Flexible Supercapacitor in Wearable Energy Devices. <i>Scientific Reports</i> , 2017 , 7, 41981	4.9	162
70	Controlling the nanoscale morphology and structure of the ZnO/MnO ₂ system for efficient transparent supercapacitors. <i>MRS Communications</i> , 2017 , 7, 173-178	2.7	5
69	Carbon-based supercapacitors for efficient energy storage. <i>National Science Review</i> , 2017 , 4, 453-489	10.8	409
68	Geometrical properties of materials for energy production by salinity exchange. <i>Environmental Chemistry</i> , 2017 , 14, 279	3.2	10
67	Coaxial Ag-base metal nanowire networks with high electrochemical stability for transparent and stretchable asymmetric supercapacitors. <i>Nanoscale Horizons</i> , 2017 , 2, 199-204	10.8	51
66	Highly transparent supercapacitors based on ZnO/MnO nanostructures. <i>Nanoscale</i> , 2017 , 9, 7577-7587	7.7	37
65	A silk fabric derived carbon fibre net for transparent capacitive touch pads and all-solid supercapacitors. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 20608-20614	13	26
64	Transparent and Flexible Supercapacitors with Networked Electrodes. <i>Small</i> , 2017 , 13, 1701906	11	55
63	Enhanced performances of functionalized XC-72 supported Ni(OH) ₂ composites for supercapacitors. <i>New Journal of Chemistry</i> , 2017 , 41, 11372-11382	3.6	10
62	Carbon nanospheres hanging on carbon nanotubes: a hierarchical three-dimensional carbon nanostructure for high-performance supercapacitors. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 16595-16599	13	17
61	All-nanotube stretchable supercapacitor with low equivalent series resistance. <i>Scientific Reports</i> , 2017 , 7, 17449	4.9	30
60	Enhanced supercapacitance of activated vertical graphene nanosheets in hybrid electrolyte. <i>Journal of Applied Physics</i> , 2017 , 122, 214902	2.5	30
59	Flexible Supercapacitors Based on Two-Dimensional Materials. 2018 , 161-197		2
58	Highly Stretchable Supercapacitors Enabled by Interwoven CNTs Partially Embedded in PDMS. <i>ACS Applied Energy Materials</i> , 2018 , 1, 2048-2055	6.1	39
57	Flexible supercapacitors based on carbon nanotubes. <i>Chinese Chemical Letters</i> , 2018 , 29, 571-581	8.1	55
56	A Review on Flexible and Transparent Energy Storage System. <i>Materials</i> , 2018 , 11,	3.5	16

55	Assembly of Highly Aligned Carbon Nanotubes Using an Electro-Fluidic Assembly Process. <i>ACS Nano</i> , 2018 , 12, 12315-12323	16.7	11
54	A novel design of hybrid transparent electrodes for high performance and ultra-flexible bifunctional electrochromic-supercapacitors. <i>Nano Energy</i> , 2018 , 53, 650-657	17.1	86
53	Thermoacoustic sound projector: exceeding the fundamental efficiency of carbon nanotubes. <i>Nanotechnology</i> , 2018 , 29, 325704	3.4	13
52	Flexible self-powered piezo-supercapacitor system for wearable electronics. <i>Nanotechnology</i> , 2018 , 29, 325501	3.4	17
51	Patterning Islandlike MnO Arrays by Breath-Figure Templates for Flexible Transparent Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 27001-27008	9.5	40
50	Transparent supercapacitors of 2 nm ruthenium oxide nanoparticles decorated on a 3D nitrogen-doped graphene aerogel. <i>Sustainable Energy and Fuels</i> , 2018 , 2, 1799-1805	5.8	14
49	Flexible Graphene-, Graphene-Oxide-, and Carbon-Nanotube-Based Supercapacitors and Batteries. <i>Annalen Der Physik</i> , 2019 , 531, 1800507	2.6	19
48	Mechanically Tunable Single-Walled Carbon Nanotube Films as a Universal Material for Transparent and Stretchable Electronics. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 27327-27334	9.5	32
47	Information measuring system for research of anisotropy of conductive materials. <i>Materials Today: Proceedings</i> , 2019 , 19, 2295-2298	1.4	1
46	Ultrathin, Wrinkled, Vertically Aligned Co(OH) Nanosheets/Ag Nanowires Hybrid Network for Flexible Transparent Supercapacitor with High Performance. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 8992-9001	9.5	72
45	A novel straightforward wet pulling technique to fabricate carbon nanotube fibers. <i>Carbon</i> , 2019 , 150, 69-75	10.4	15
44	Facile synthesis of CoS porous nanoflake for high performance supercapacitor electrode materials. <i>Journal of Energy Storage</i> , 2019 , 23, 511-514	7.8	24
43	General Experimental Method of Research of Anisotropy of Conductive Materials. <i>Key Engineering Materials</i> , 2019 , 822, 72-78	0.4	1
42	Chemical Vapor Deposition of Carbon Nanocoils Three-Dimensionally in Carbon Fiber Cloth for All-Carbon Supercapacitors. <i>ACS Omega</i> , 2019 , 4, 195-202	3.9	9
41	Nanocellulose-graphene composites: A promising nanomaterial for flexible supercapacitors. <i>Carbohydrate Polymers</i> , 2019 , 207, 447-459	10.3	97
40	Nano-Engineered Materials for Transparent Supercapacitors. <i>ChemNanoMat</i> , 2020 , 6, 42-52	3.5	8
39	Intersubband Plasmon Observation in Electrochemically Gated Carbon Nanotube Films. <i>ACS Applied Electronic Materials</i> , 2020 , 2, 195-203	4	8
38	Energy storage performance of thin film nanocrystalline vanadium oxide with fluorinated tin oxide current carrier electrode for solid-state transparent supercapacitors based on ionic liquid gel electrolyte. <i>Electrochimica Acta</i> , 2020 , 330, 135339	6.7	12

37	Transparent Flexible Heteroepitaxy of NiO Coated AZO Nanorods Arrays on Muscovites for Enhanced Energy Storage Application. <i>Small</i> , 2020 , 16, e2000020	11	5
36	Electrode materials for supercapacitors. 2020 , 35-204		3
35	Carbon nanotube-based electrodes for flexible supercapacitors. <i>Nano Research</i> , 2020 , 13, 1825-1841	10	50
34	Controlling Electrode Spacing by Polystyrene Microsphere Spacers for Highly Stable and Flexible Transparent Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 5885-5891	9.5	8
33	Hierarchically nanobranched structured freestanding metallic mesh electrode for high-performance transparent flexible supercapacitor. <i>Journal of Alloys and Compounds</i> , 2021 , 861, 158593	5.7	4
32	Advancement and current scenario of engineering and design in transparent supercapacitors: electrodes and electrolyte. <i>Journal of Nanoparticle Research</i> , 2021 , 23, 1	2.3	0
31	Transparent and Flexible Mn _{1-x} (Ce _x La _{1-x})O ₂ Ultrathin-Film Device for Highly-Stable Pseudocapacitance Application. <i>Advanced Functional Materials</i> , 2021 , 31, 2100880	15.6	5
30	Recent advances and challenges of electrode materials for flexible supercapacitors. <i>Coordination Chemistry Reviews</i> , 2021 , 438, 213910	23.2	60
29	Ultralight, High Capacitance, Mechanically Strong Graphene-Cellulose Aerogels. <i>Molecules</i> , 2021 , 26,	4.8	3
28	Novel electrodes for supercapacitor: Conducting polymers, metal oxides, chalcogenides, carbides, nitrides, MXenes, and their composites with graphene. <i>Journal of Alloys and Compounds</i> , 2021 , 893, 161998	5.7	20
27	Electrical characterization of flexible hafnium oxide capacitors on deformable softening polymer substrate. <i>Microelectronic Engineering</i> , 2021 , 249, 111618	2.5	0
26	MXenes for Transparent Conductive Electrodes and Transparent Energy Storage Devices. 2019 , 481-501		1
25	Superior environmentally friendly stretchable supercapacitor based on nitrogen-doped graphene/hydrogel and single-walled carbon nanotubes. <i>Journal of Energy Storage</i> , 2020 , 30, 101505	7.8	9
24	Tuning Transparent Supercapacitor Performance by Controlling the Morphology of its ZnO Electrodes. <i>Acta Physica Polonica A</i> , 2017 , 131, 1550-1553	0.6	3
23	Polypyrrole and Graphene Nanoplatelets Inks as Electrodes for Flexible Solid-State Supercapacitor. <i>Nanomaterials</i> , 2021 , 11,	5.4	4
22	Flexible planar supercapacitors by straightforward filtration and laser processing steps. <i>Nanotechnology</i> , 2020 , 31, 495403	3.4	1
21	Carbon Based Energy Storage Materials. 2022 , 26-39		
20	Optically Transparent Electrodes for Electrocapacitive Energy Storage and Integrated Systems. 2021 ,		

19	Serpentiform structured freestanding metallic mesh electrode for high-performance transparent and stretchable supercapacitor. 2020 ,		
18	Carbon Nanotube Based Robust and Flexible Solid-State Supercapacitor. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 56004-56013	9.5	3
17	A smart flexible supercapacitor enabled by a transparent electrochromic electrode composed of W18O49 nanowires/rGO composite films. <i>Journal of Materials Chemistry A</i> ,	13	1
16	Freestanding 3D Metallic Micromesh for High-Performance Flexible Transparent Solid-State Zinc Batteries.. <i>Small</i> , 2022 , e2201628	11	1
15	Ultrastable Porous Organic Polymers Containing Thianthrene and Pyrene Units as Organic Electrode Materials for Supercapacitors. <i>ACS Applied Energy Materials</i> ,	6.1	2
14	Recent Trends in Carbon Nanotube Electrodes for Flexible Supercapacitors: A Review of Smart Energy Storage Device Assembly and Performance. <i>Chemosensors</i> , 2022 , 10, 223	4	0
13	Flexible supercapacitors based on free-standing polyaniline/single-walled carbon nanotube films. <i>Journal of Power Sources</i> , 2022 , 541, 231691	8.9	3
12	Porous and three-dimensional carbon aerogels from nanocellulose/pristine graphene for high-performance supercapacitor electrodes.		
11	A review of carbon materials for supercapacitors. 2022 , 221, 111017		5
10	Carbon Nanotube Microscale Fiber Grid as an Advanced Calibration System for Multispectral Optoacoustic Imaging. 2022 , 9, 3429-3439		0
9	Role of Carbon Nanotube for Flexible Supercapacitor Application.		0
8	Facile fabrication of multifunctional transparent electrodes via spray deposition of indium-tin-oxide nanoparticles. 2023 , 611, 155756		0
7	Constructing conjugated microporous polymers containing triphenylamine moieties for high-performance capacitive energy storage. 2023 , 264, 125541		2
6	Scalable self-integrated all-in-one fabric-based supercapacitors with simultaneous enhancement of output voltage and capacitance. 2023 , 556, 232512		0
5	Advanced polymer-based materials and mesoscale models to enhance the performance of multifunctional supercapacitors. 2023 , 58, 106337		1
4	Porous and three-dimensional carbon aerogels from nanocellulose/pristine graphene for high-performance supercapacitor electrodes. 2022 , 109626		0
3	Visibly transparent supercapacitors.		0
2	Multifunctional smart window based on transparent embedded Ni-mesh electrodes.		0

1 Carbon nanostructures for energy generation and storage. **2023**, 57-94

o