Jue Deng

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/11782943/publications.pdf

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40	6,371	117453	264894
papers	citations	34 h-index	42 g-index

42	42	42	7455
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Highly Conducting and Stretchable Doubleâ€Network Hydrogel for Soft Bioelectronics. Advanced Materials, 2022, 34, e2200261.	11.1	145
2	Electrical bioadhesive interface for bioelectronics. Nature Materials, 2021, 20, 229-236.	13.3	361
3	A tactile sensing textile with bending-independent pressure perception and spatial acuity. Carbon, 2019, 149, 63-70.	5.4	30
4	Stretchable, transparent and imperceptible supercapacitors based on Au@MnO₂ nanomesh electrodes. Chemical Communications, 2019, 55, 13737-13740.	2.2	21
5	Preparation of biomimetic hierarchically helical fiber actuators from carbon nanotubes. Nature Protocols, 2017, 12, 1349-1358.	5.5	48
6	Tailorable coaxial carbon nanocables with high storage capabilities. Journal of Materials Chemistry A, 2017, 5, 22125-22130.	5.2	3
7	A Oneâ€Dimensional Fluidic Nanogenerator with a High Power Conversion Efficiency. Angewandte Chemie - International Edition, 2017, 56, 12940-12945.	7.2	112
8	A Oneâ€Dimensional Fluidic Nanogenerator with a High Power Conversion Efficiency. Angewandte Chemie, 2017, 129, 13120-13125.	1.6	9
9	Flexible and stretchable mechanoluminescent fiber and fabric. Journal of Materials Chemistry C, 2017, 5, 8027-8032.	2.7	69
10	Fiber-Shaped Perovskite Solar Cells with High Power Conversion Efficiency. Small, 2016, 12, 2419-2424.	5.2	111
11	Design of a Hierarchical Ternary Hybrid for a Fiber-Shaped Asymmetric Supercapacitor with High Volumetric Energy Density. Journal of Physical Chemistry C, 2016, 120, 9685-9691.	1.5	140
12	A Novel Photoelectric Conversion Yarn by Integrating Photomechanical Actuation and the Electrostatic Effect. Advanced Materials, 2016, 28, 10744-10749.	11.1	31
13	Stretchable supercapacitor based on a cellular structure. Journal of Materials Chemistry A, 2016, 4, 10124-10129.	5.2	47
14	An all-solid-state fiber-type solar cell achieving 9.49% efficiency. Journal of Materials Chemistry A, 2016, 4, 10105-10109.	5.2	77
15	Tunable Photothermal Actuators Based on a Pre-programmed Aligned Nanostructure. Journal of the American Chemical Society, 2016, 138, 225-230.	6.6	234
16	A Shapeâ€Memory Supercapacitor Fiber. Angewandte Chemie - International Edition, 2015, 54, 15419-15423.	7.2	141
17	Recent progress in solar cells based on one-dimensional nanomaterials. Energy and Environmental Science, 2015, 8, 1139-1159.	15.6	164
18	Designing one-dimensional supercapacitors in a strip shape for high performance energy storage fabrics. Journal of Materials Chemistry A, 2015, 3, 19304-19309.	5.2	26

#	Article	IF	Citations
19	Elastic perovskite solar cells. Journal of Materials Chemistry A, 2015, 3, 21070-21076.	5.2	74
20	Hierarchically arranged helical fibre actuators driven by solvents and vapours. Nature Nanotechnology, 2015, 10, 1077-1083.	15.6	310
21	Superelastic Supercapacitors with High Performances during Stretching. Advanced Materials, 2015, 27, 356-362.	11.1	230
22	Stretchable Polymer Solar Cell Fibers. Small, 2015, 11, 675-680.	5.2	75
23	Novel Wearable Energy Devices Based on Aligned Carbon Nanotube Fiber Textiles. Advanced Energy Materials, 2015, 5, 1401438.	10.2	134
24	Selfâ€Powered Energy Fiber: Energy Conversion in the Sheath and Storage in the Core. Advanced Materials, 2014, 26, 7038-7042.	11.1	104
25	Weaving Efficient Polymer Solar Cell Wires into Flexible Power Textiles. Advanced Energy Materials, 2014, 4, 1301750.	10.2	100
26	Stretchable, Wearable Dyeâ€Sensitized Solar Cells. Advanced Materials, 2014, 26, 2643-2647.	11.1	227
27	Smart, Stretchable Supercapacitors. Advanced Materials, 2014, 26, 4444-4449.	11.1	216
28	Wearable Solar Cells by Stacking Textile Electrodes. Angewandte Chemie - International Edition, 2014, 53, 6110-6114.	7.2	126
29	A Twisted Wireâ€Shaped Dualâ€Function Energy Device for Photoelectric Conversion and Electrochemical Storage. Angewandte Chemie - International Edition, 2014, 53, 6664-6668.	7.2	82
30	Selfâ€Healable Electrically Conducting Wires for Wearable Microelectronics. Angewandte Chemie - International Edition, 2014, 53, 9526-9531.	7.2	190
31	Electrochromic Fiberâ€Shaped Supercapacitors. Advanced Materials, 2014, 26, 8126-8132.	11.1	306
32	Crossâ€Stacking Aligned Carbonâ€Nanotube Films to Tune Microwave Absorption Frequencies and Increase Absorption Intensities. Advanced Materials, 2014, 26, 8120-8125.	11.1	819
33	Integrating Perovskite Solar Cells into a Flexible Fiber. Angewandte Chemie - International Edition, 2014, 53, 10425-10428.	7.2	268
34	Quasi-solid-state, coaxial, fiber-shaped dye-sensitized solar cells. Journal of Materials Chemistry A, 2014, 2, 345-349.	5.2	73
35	Novel Graphene/Carbon Nanotube Composite Fibers for Efficient Wireâ€Shaped Miniature Energy Devices. Advanced Materials, 2014, 26, 2868-2873.	11.1	305
36	Twisted Aligned Carbon Nanotube/Silicon Composite Fiber Anode for Flexible Wireâ€Shaped Lithiumâ€Ion Battery. Advanced Materials, 2014, 26, 1217-1222.	11.1	297

#	Article	IF	Citations
37	Coreâ€Sheath Carbon Nanostructured Fibers for Efficient Wireâ€Shaped Dyeâ€Sensitized Solar Cells. Advanced Materials, 2014, 26, 1694-1698.	11.1	76
38	Carbon Nanostructured Fibers As Counter Electrodes in Wire-Shaped Dye-Sensitized Solar Cells. Journal of Physical Chemistry C, 2014, 118, 16419-16425.	1.5	45
39	Winding ultrathin, transparent, and electrically conductive carbon nanotube sheets into high-performance fiber-shaped dye-sensitized solar cells. Journal of Materials Chemistry A, 2013, 1, 12422.	5.2	32
40	A Highly Stretchable, Fiberâ€Shaped Supercapacitor. Angewandte Chemie - International Edition, 2013, 52, 13453-13457.	7.2	458