

# Songfeng Pei

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/8740599/songfeng-pei-publications-by-citations.pdf>

**Version:** 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. 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.

38  
papers

13,748  
citations

25  
h-index

40  
g-index

40  
ext. papers

15,014  
ext. citations

16  
avg, IF

6.86  
L-index

#	Paper	IF	Citations
38	The reduction of graphene oxide. <i>Carbon</i> , <b>2012</b> , 50, 3210-3228	10.4	3551
37	Three-dimensional flexible and conductive interconnected graphene networks grown by chemical vapour deposition. <i>Nature Materials</i> , <b>2011</b> , 10, 424-8	27	3105
36	Direct reduction of graphene oxide films into highly conductive and flexible graphene films by hydrohalic acids. <i>Carbon</i> , <b>2010</b> , 48, 4466-4474	10.4	1305
35	A graphene-pure-sulfur sandwich structure for ultrafast, long-life lithium-sulfur batteries. <i>Advanced Materials</i> , <b>2014</b> , 26, 625-31, 664	24	842
34	Efficient preparation of large-area graphene oxide sheets for transparent conductive films. <i>ACS Nano</i> , <b>2010</b> , 4, 5245-52	16.7	775
33	Fibrous hybrid of graphene and sulfur nanocrystals for high-performance lithium-sulfur batteries. <i>ACS Nano</i> , <b>2013</b> , 7, 5367-75	16.7	670
32	Field Emission of Single-Layer Graphene Films Prepared by Electrophoretic Deposition. <i>Advanced Materials</i> , <b>2009</b> , 21, 1756-1760	24	562
31	A flexible sulfur-graphene-polypropylene separator integrated electrode for advanced Li-S batteries. <i>Advanced Materials</i> , <b>2015</b> , 27, 641-7	24	466
30	A flexible nanostructured sulphur-carbon nanotube cathode with high rate performance for Li-S batteries. <i>Energy and Environmental Science</i> , <b>2012</b> , 5, 8901	35.4	422
29	Green synthesis of graphene oxide by seconds timescale water electrolytic oxidation. <i>Nature Communications</i> , <b>2018</b> , 9, 145	17.4	326
28	25th anniversary article: carbon nanotube- and graphene-based transparent conductive films for optoelectronic devices. <i>Advanced Materials</i> , <b>2014</b> , 26, 1958-91	24	310
27	Metal-catalyst-free growth of single-walled carbon nanotubes. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 2082-3	16.4	235
26	Toward More Reliable Lithium-Sulfur Batteries: An All-Graphene Cathode Structure. <i>ACS Nano</i> , <b>2016</b> , 10, 8676-82	16.7	212
25	Superhigh Electromagnetic Interference Shielding of Ultrathin Aligned Pristine Graphene Nanosheets Film. <i>Advanced Materials</i> , <b>2020</b> , 32, e1907411	24	140
24	Ultrahigh-voltage integrated micro-supercapacitors with designable shapes and superior flexibility. <i>Energy and Environmental Science</i> , <b>2019</b> , 12, 1534-1541	35.4	129
23	Co <sub>3</sub> O <sub>4</sub> mesoporous nanostructures@graphene membrane as an integrated anode for long-life lithium-ion batteries. <i>Journal of Power Sources</i> , <b>2014</b> , 255, 52-58	8.9	92
22	Bulk growth of mono- to few-layer graphene on nickel particles by chemical vapor deposition from methane. <i>Carbon</i> , <b>2010</b> , 48, 3543-3550	10.4	83

21	Tuning the electrical and optical properties of graphene by ozone treatment for patterning monolithic transparent electrodes. <i>ACS Nano</i> , <b>2013</b> , 7, 4233-41	16.7	76
20	The fabrication of a carbon nanotube transparent conductive film by electrophoretic deposition and hot-pressing transfer. <i>Nanotechnology</i> , <b>2009</b> , 20, 235707	3.4	69
19	Localized polyselenides in a graphene-coated polymer separator for high rate and ultralong life lithium-selenium batteries. <i>Chemical Communications</i> , <b>2015</b> , 51, 3667-70	5.8	56
18	An integrated electrode/separator with nitrogen and nickel functionalized carbon hybrids for advanced lithium/polysulfide batteries. <i>Carbon</i> , <b>2016</b> , 109, 719-726	10.4	51
17	Additive-Free Dispersion of Single-Walled Carbon Nanotubes and Its Application for Transparent Conductive Films. <i>Advanced Functional Materials</i> , <b>2011</b> , 21, 2330-2337	15.6	47
16	In situ assembly of multi-sheeted buckybooks from single-walled carbon nanotubes. <i>ACS Nano</i> , <b>2009</b> , 3, 707-13	16.7	38
15	Graphene-based integrated electrodes for flexible lithium ion batteries. <i>2D Materials</i> , <b>2015</b> , 2, 024004	5.9	37
14	CdPS nanosheets-based membrane with high proton conductivity enabled by Cd vacancies. <i>Science</i> , <b>2020</b> , 370, 596-600	33.3	36
13	Choice for graphene as conductive additive for cathode of lithium-ion batteries. <i>Journal of Energy Chemistry</i> , <b>2019</b> , 30, 19-26	12	25
12	Patterning flexible single-walled carbon nanotube thin films by an ozone gas exposure method. <i>Carbon</i> , <b>2013</b> , 53, 4-10	10.4	20
11	Batteries: A Graphene-Pure-Sulfur Sandwich Structure for Ultrafast, Long-Life Lithium-Sulfur Batteries (Adv. Mater. 4/2014). <i>Advanced Materials</i> , <b>2014</b> , 26, 664-664	24	16
10	High Yield Controlled Synthesis of Nano-Graphene Oxide by Water Electrolytic Oxidation of Glassy Carbon for Metal-Free Catalysis. <i>ACS Nano</i> , <b>2019</b> , 13, 9482-9490	16.7	14
9	Contamination-free and damage-free patterning of single-walled carbon nanotube transparent conductive films on flexible substrates. <i>Nanoscale</i> , <b>2011</b> , 3, 4571-4	7.7	7
8	Dendrite-Free Lithium Deposition and Stripping Regulated by Aligned Microchannels for Stable Lithium Metal Batteries. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2200682	15.6	7
7	Investigation on the thermal conductivity of HDPE/MWCNT composites by laser pulse method. <i>Science in China Series D: Earth Sciences</i> , <b>2009</b> , 52, 2767-2772		6
6	High-performance flexible resistive random access memory devices based on graphene oxidized with a perpendicular oxidation gradient. <i>Nanoscale</i> , <b>2021</b> , 13, 2448-2455	7.7	5
5	LiS Batteries: A Flexible Sulfur-Graphene-Polypropylene Separator Integrated Electrode for Advanced LiS Batteries (Adv. Mater. 4/2015). <i>Advanced Materials</i> , <b>2015</b> , 27, 590-590	24	4
4	Ultrastable Interfacial Contacts Enabling Unimpeded Charge Transfer and Ion Diffusion in Flexible Lithium-Ion Batteries.. <i>Advanced Science</i> , <b>2022</b> , e2105419	13.6	3

3	Aerosol Jet Printing of Graphene and Carbon Nanotube Patterns on Realistically Rugged Substrates.. <i>ACS Omega</i> , <b>2021</b> , 6, 34301-34313	3.9	2
2	Improving flexural strength of UHPC with sustainably synthesized graphene oxide. <i>Nanotechnology Reviews</i> , <b>2021</b> , 10, 754-767	6.3	1
1	Fabrication of Large-Area Uniform Nanometer-Thick Functional Layers and Their Stacks for Flexible Quantum Dot Light-Emitting Diodes.. <i>Small Methods</i> , <b>2022</b> , 6, e2101030	12.8	0