

# Shuang Dong

## List of Publications by Year in Descending Order

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

23  
papers

790  
citations

14  
h-index

24  
g-index

24  
ext. papers

969  
ext. citations

6.1  
avg, IF

4.2  
L-index

#	Paper	IF	Citations
23	Three-dimensional loofah sponge derived amorphous carbon-graphene aerogel via one-pot synthesis for high-performance electrochemical sensor for hydrogen peroxide and dopamine. <i>Journal of Electroanalytical Chemistry</i> , <b>2022</b> , 911, 116236	4.1	0
22	Polymer Composites Completely Derived from Waste: The Crystalline Structure and the Mechanical Enhancement Effect. <i>ACS Applied Polymer Materials</i> , <b>2021</b> , 3, 3679-3684	4.3	3
21	Facile Approach to Fabricating Stretchable Conductors by Decorating Cheap Reduced Graphene Oxide with Silver Nanocrystals in Loofah Sponge Fibers. <i>ACS Applied Electronic Materials</i> , <b>2021</b> , 3, 912-920	4.1	4
20	(Pd, Au, Ag) nanoparticles decorated well-ordered macroporous carbon for electrochemical sensing applications. <i>Journal of Electroanalytical Chemistry</i> , <b>2021</b> , 897, 115562	4.1	3
19	Single-atom platinum or ruthenium on C4N as 2D high-performance electrocatalysts for oxygen reduction reaction. <i>Chemical Engineering Journal</i> , <b>2021</b> , 426, 131347	14.7	14
18	Sulfate-reducing bacteria respiration approach to fabricating flexible N,S-reduced graphene oxide thin film electrode for in situ cancer biomarker detection. <i>Journal of Electroanalytical Chemistry</i> , <b>2020</b> , 859, 113867	4.1	4
17	Polymeric Thermoelectric Composites by Polypyrrole and Cheap Reduced Graphene Oxide in Towel-Gourd Sponge Fibers. <i>ACS Omega</i> , <b>2020</b> , 5, 29955-29962	3.9	8
16	Polypyrrole and polypyrrole@MnO <sub>2</sub> nanowires grown on graphene foam for asymmetric supercapacitor. <i>Materials Express</i> , <b>2020</b> , 10, 1308-1316	1.3	2
15	Fabrication of polyamide 6/reduced graphene oxide nano-composites by conductive cellulose skeleton structure and its conductive behavior. <i>Composites Part B: Engineering</i> , <b>2019</b> , 167, 533-543	10	17
14	Preparation, characterization and calcium release evaluation in vitro of casein phosphopeptides-soluble dietary fibers copolymers as calcium delivery system. <i>Food Chemistry</i> , <b>2018</b> , 245, 262-269	8.5	18
13	Graphene paper supported MoS <sub>2</sub> nanocrystals monolayer with Cu submicron-buds: High-performance flexible platform for sensing in sweat. <i>Analytical Biochemistry</i> , <b>2018</b> , 543, 82-89	3.1	37
12	Effects of Dielectric Barrier Discharge (DBD) Cold Plasma Treatment on Physicochemical and Functional Properties of Peanut Protein. <i>Food and Bioprocess Technology</i> , <b>2018</b> , 11, 344-354	5.1	75
11	Preparation, characterization and functional evaluation of chitosan-based films with zein coatings produced by cold plasma. <i>Carbohydrate Polymers</i> , <b>2018</b> , 202, 39-46	10.3	32
10	Inkjet Printing Synthesis of Sandwiched Structured Ionic Liquid-Carbon Nanotube-Graphene Film: Toward Disposable Electrode for Sensitive Heavy Metal Detection in Environmental Water Samples. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2017</b> , 56, 1696-1703	3.9	16
9	Hollow Nitrogen-Doped Carbon Spheres with FeO Nanoparticles Encapsulated as a Highly Active Oxygen-Reduction Catalyst. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 10610-10617	9.5	102
8	Purification, antitumor and immunomodulatory activity of polysaccharides from soybean residue fermented with <i>Morchella esculenta</i> . <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 96, 26-34	7.9	74
7	Behavior of Zein in Aqueous Ethanol under Atmospheric Pressure Cold Plasma Treatment. <i>Journal of Agricultural and Food Chemistry</i> , <b>2017</b> , 65, 7352-7360	5.7	35

6	Effects of Dielectric Barrier Discharges (DBD) Cold Plasma Treatment on Physicochemical and Structural Properties of Zein Powders. <i>Food and Bioprocess Technology</i> , <b>2017</b> , 10, 434-444	5.1	63
5	Real-time tracking of hydrogen peroxide secreted by live cells using MnO <sub>2</sub> nanoparticles intercalated layered doubled hydroxide nanohybrids. <i>Analytica Chimica Acta</i> , <b>2015</b> , 898, 34-41	6.6	38
4	High loading MnO <sub>2</sub> nanowires on graphene paper: facile electrochemical synthesis and use as flexible electrode for tracking hydrogen peroxide secretion in live cells. <i>Analytica Chimica Acta</i> , <b>2015</b> , 853, 200-206	6.6	123
3	One-step electrochemical synthesis of three-dimensional graphene foam loaded nickel-cobalt hydroxides nanoflakes and its electrochemical properties. <i>Electrochimica Acta</i> , <b>2015</b> , 152, 195-201	6.7	52
2	Mesoporous Mn <sub>3</sub> O <sub>4</sub> /CoO core-shell spheres wrapped by carbon nanotubes: a high performance catalyst for the oxygen reduction reaction and CO oxidation. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 3794	13	73
1	Modification of graphene by polypyrrole and ionic liquids for dual-band electromagnetic interference shielding hydrogels. <i>Journal of Materials Science</i> , 1	4.3	1