

# Shuang Dong

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

1,153  
citations

516710

16  
h-index

677142

22  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1689  
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2015, 853, 200-206.	5.4	146
2	Effects of Dielectric Barrier Discharge (DBD) Cold Plasma Treatment on Physicochemical and Functional Properties of Peanut Protein. <i>Food and Bioprocess Technology</i> , 2018, 11, 344-354.	4.7	138
3	Hollow Nitrogen-Doped Carbon Spheres with Fe <sub>3</sub> O <sub>4</sub> Nanoparticles Encapsulated as a Highly Active Oxygen-Reduction Catalyst. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 10610-10617.	8.0	128
4	Effects of Dielectric Barrier Discharges (DBD) Cold Plasma Treatment on Physicochemical and Structural Properties of Zein Powders. <i>Food and Bioprocess Technology</i> , 2017, 10, 434-444.	4.7	103
5	Purification, antitumor and immunomodulatory activity of polysaccharides from soybean residue fermented with <i>Morchella esculenta</i> . <i>International Journal of Biological Macromolecules</i> , 2017, 96, 26-34.	7.5	97
6	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> , 2014, 2, 3794.	10.3	81
7	One-step electrochemical synthesis of three-dimensional graphene foam loaded nickel-cobalt hydroxides nanoflakes and its electrochemical properties. <i>Electrochimica Acta</i> , 2015, 152, 195-201.	5.2	58
8	Behavior of Zein in Aqueous Ethanol under Atmospheric Pressure Cold Plasma Treatment. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 7352-7360.	5.2	57
9	Single-atom platinum or ruthenium on C <sub>4</sub> N as 2D high-performance electrocatalysts for oxygen reduction reaction. <i>Chemical Engineering Journal</i> , 2021, 426, 131347.	12.7	55
10	Preparation, characterization and functional evaluation of chitosan-based films with zein coatings produced by cold plasma. <i>Carbohydrate Polymers</i> , 2018, 202, 39-46.	10.2	52
11	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> , 2015, 898, 34-41.	5.4	50
12	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> , 2018, 543, 82-89.	2.4	46
13	Preparation, characterization and calcium release evaluation in vitro of casein phosphopeptides-soluble dietary fibers copolymers as calcium delivery system. <i>Food Chemistry</i> , 2018, 245, 262-269.	8.2	26
14	Polymeric Thermoelectric Composites by Polypyrrole and Cheap Reduced Graphene Oxide in Towel-Gourd Sponge Fibers. <i>ACS Omega</i> , 2020, 5, 29955-29962.	3.5	24
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> , 2019, 167, 533-543.	12.0	22
16	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> , 2017, 56, 1696-1703.	3.7	18
17	(Pd, Au, Ag) nanoparticles decorated well-ordered macroporous carbon for electrochemical sensing applications. <i>Journal of Electroanalytical Chemistry</i> , 2021, 897, 115562.	3.8	13
18	Polymer Composites Completely Derived from Waste: The Crystalline Structure and the Mechanical Enhancement Effect. <i>ACS Applied Polymer Materials</i> , 2021, 3, 3679-3684.	4.4	12

#	ARTICLE	IF	CITATIONS
19	Modification of graphene by polypyrrole and ionic liquids for dual-band electromagnetic interference shielding hydrogels. <i>Journal of Materials Science</i> , 2022, 57, 10983-10996.	3.7	9
20	Polypyrrole and polypyrrole@MnO <sub>2</sub> nanowires grown on graphene foam for asymmetric supercapacitor. <i>Materials Express</i> , 2020, 10, 1308-1316.	0.5	7
21	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> , 2020, 859, 113867.	3.8	7
22	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> , 2022, 911, 116236.	3.8	3
23	Flexible composites by ionic liquid/silver/graphene in towel-gourd sponge fibers: Synergistic effect and dual-band electromagnetic interference shielding in X-band and terahertz-band. <i>Journal of Applied Polymer Science</i> , 0, , .	2.6	1
24	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> , 2021, 3, 912-920.	4.3	0