Shuang Dong

List of Publications by Citations

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	High loading MnO2 nanowires on graphene paper: facile electrochemical synthesis and use as flexible electrode for tracking hydrogen peroxide secretion in live cells. *Analytica Chimica Acta*, **2015**, 853, 200-206	6.6	123
22	Hollow Nitrogen-Doped Carbon Spheres with FeO Nanoparticles Encapsulated as a Highly Active Oxygen-Reduction Catalyst. *ACS Applied Materials & Interfaces*, **2017**, 9, 10610-10617	9.5	102
21	Effects of Dielectric Barrier Discharge (DBD) Cold Plasma Treatment on Physicochemical and Functional Properties of Peanut Protein. *Food and Bioprocess Technology*, **2018**, 11, 344-354	5.1	75
20	Purification, antitumor and immunomodulatory activity of polysaccharides from soybean residue fermented with Morchella esculenta. *International Journal of Biological Macromolecules*, **2017**, 96, 26-34	7.9	74
19	Mesoporous Mn3O4□CoO core□shell spheres wrapped by carbon nanotubes: a high performance catalyst for the oxygen reduction reaction and CO oxidation. *Journal of Materials Chemistry A*, **2014**, 2, 3794	13	73
18	Effects of Dielectric Barrier Discharges (DBD) Cold Plasma Treatment on Physicochemical and Structural Properties of Zein Powders. *Food and Bioprocess Technology*, **2017**, 10, 434-444	5.1	63
17	One-step electrochemical synthesis of three-dimensional graphene foam loaded nickel□cobalt hydroxides nanoflakes and its electrochemical properties. *Electrochimica Acta*, **2015**, 152, 195-201	6.7	52
16	Real-time tracking of hydrogen peroxide secreted by live cells using MnO2 nanoparticles intercalated layered doubled hydroxide nanohybrids. *Analytica Chimica Acta*, **2015**, 898, 34-41	6.6	38
15	Graphene paper supported MoS nanocrystals monolayer with Cu submicron-buds: High-performance flexible platform for sensing in sweat. *Analytical Biochemistry*, **2018**, 543, 82-89	3.1	37
14	Behavior of Zein in Aqueous Ethanol under Atmospheric Pressure Cold Plasma Treatment. *Journal of Agricultural and Food Chemistry*, **2017**, 65, 7352-7360	5.7	35
13	Preparation, characterization and functional evaluation of chitosan-based films with zein coatings produced by cold plasma. *Carbohydrate Polymers*, **2018**, 202, 39-46	10.3	32
12	Preparation, characterization and calcium release evaluation in vitro of casein phosphopeptides-soluble dietary fibers copolymers as calcium delivery system. *Food Chemistry*, **2018**, 245, 262-269	8.5	18
11	Fabrication of polyamide 6/reduced graphene oxide nano-composites by conductive cellulose skeleton structure and its conductive behavior. *Composites Part B: Engineering*, **2019**, 167, 533-543	10	17
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. *Industrial & Engineering Chemistry Research*, **2017**, 56, 1696-1703	3.9	16
9	Single-atom platinum or ruthenium on C4N as 2D high-performance electrocatalysts for oxygen reduction reaction. *Chemical Engineering Journal*, **2021**, 426, 131347	14.7	14
8	Polymeric Thermoelectric Composites by Polypyrrole and Cheap Reduced Graphene Oxide in Towel-Gourd Sponge Fibers. *ACS Omega*, **2020**, 5, 29955-29962	3.9	8
7	Sulfate-reducing bacteria respiration approach to fabricating flexible N,S-reduced graphene oxide thin film electrode for in situ cancer biomarker detection. *Journal of Electroanalytical Chemistry*, **2020**, 859, 113867	4.1	4

List of Publications

6	Polymer Composites Completely Derived from Waste: The Crystalline Structure and the Mechanical Enhancement Effect. *ACS Applied Polymer Materials*, **2021**, 3, 3679-3684	4.3	3
5	(Pd, Au, Ag) nanoparticles decorated well-ordered macroporous carbon for electrochemical sensing applications. *Journal of Electroanalytical Chemistry*, **2021**, 897, 115562	4.1	3
4	Polypyrrole and polypyrrole@MnO2 nanowires grown on graphene foam for asymmetric supercapacitor. *Materials Express*, **2020**, 10, 1308-1316	1.3	2
3	Modification of graphene by polypyrrole and ionic liquids for dual-band electromagnetic interference shielding hydrogels. *Journal of Materials Science*,1	4.3	1
2	Three-dimensional loofah sponge derived amorphous carbon-graphene aerogel via one-pot synthesis for high-performance electrochemical sensor for hydrogen peroxide and dopamine. *Journal of Electroanalytical Chemistry*, **2022**, 911, 116236	4.1	0
1	Facile Approach to Fabricating Stretchable Conductors by Decorating Cheap Reduced Graphene Oxide with Silver Nanocrystals in Loofah Sponge Fibers. *ACS Applied Electronic Materials*, **2021**, 3, 912-920	4	