

# Shaofang Fu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6162489/publications.pdf>

Version: 2024-02-01

51  
papers

6,401  
citations

81900

39  
h-index

189892

50  
g-index

53  
all docs

53  
docs citations

53  
times ranked

8756  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancing Chemical Interaction of Polysulfide and Carbon through Synergetic Nitrogen and Phosphorus Doping. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 806-813.	6.7	11
2	Unprecedented peroxidase-mimicking activity of single-atom nanozyme with atomically dispersed Fe <sup>x</sup> N <sub>x</sub> moieties hosted by MOF derived porous carbon. <i>Biosensors and Bioelectronics</i> , 2019, 142, 111495.	10.1	186
3	Metal-organic frameworks-based catalysts for electrochemical oxygen evolution. <i>Materials Horizons</i> , 2019, 6, 684-702.	12.2	149
4	Core-shell PdPb@Pd aerogels with multiply-twinned intermetallic nanostructures: facile synthesis with accelerated gelation kinetics and their enhanced electrocatalytic properties. <i>Journal of Materials Chemistry A</i> , 2018, 6, 7517-7521.	10.3	49
5	Colorimetric and chemiluminescent dual-readout immunochromatographic assay for detection of pesticide residues utilizing g-C <sub>3</sub> N <sub>4</sub> /BiFeO <sub>3</sub> nanocomposites. <i>Biosensors and Bioelectronics</i> , 2018, 106, 43-49.	10.1	124
6	Porous Carbon-Hosted Atomically Dispersed Iron-Nitrogen Moiety as Enhanced Electrocatalysts for Oxygen Reduction Reaction in a Wide Range of pH. <i>Small</i> , 2018, 14, e1703118.	10.0	117
7	Fluorescent silicon nanoparticles-based ratiometric fluorescence immunoassay for sensitive detection of ethyl carbamate in red wine. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 2742-2749.	7.8	75
8	Ultrafine and highly disordered Ni <sub>2</sub> Fe <sub>1</sub> nanofoams enabled highly efficient oxygen evolution reaction in alkaline electrolyte. <i>Nano Energy</i> , 2018, 44, 319-326.	16.0	118
9	Tubular titanium oxide/reduced graphene oxide-sulfur composite for improved performance of lithium sulfur batteries. <i>Carbon</i> , 2018, 128, 63-69.	10.3	43
10	Hierarchically Porous M <sup>x</sup> N <sub>x</sub> /C (M = Co and Fe) Single-Atom Electrocatalysts with Robust MN <sub>x</sub> Active Moieties Enable Enhanced ORR Performance. <i>Advanced Energy Materials</i> , 2018, 8, 1801956.	19.5	540
11	Water Splitting: Bimetallic Cobalt-Based Phosphide Zeolitic Imidazolate Framework: CoP <sub>x</sub> Phase-Dependent Electrical Conductivity and Hydrogen Atom Adsorption Energy for Efficient Overall Water Splitting ( <i>Adv. Energy Mater.</i> 2/2017). <i>Advanced Energy Materials</i> , 2017, 7, .	19.5	1
12	Three-dimensional Nitrogen-Doped Reduced Graphene Oxide/Carbon Nanotube Composite Catalysts for Vanadium Flow Batteries. <i>Electroanalysis</i> , 2017, 29, 1469-1473.	2.9	28
13	Self-Assembled Fe-N-Doped Carbon Nanotube Aerogels with Single-Atom Catalyst Feature as High-Efficiency Oxygen Reduction Electrocatalysts. <i>Small</i> , 2017, 13, 1603407.	10.0	254
14	Nitrogen and Fluorine-Codoped Carbon Nanowire Aerogels as Metal-Free Electrocatalysts for Oxygen Reduction Reaction. <i>Chemistry - A European Journal</i> , 2017, 23, 10460-10464.	3.3	52
15	Metal-Organic Framework-Derived Non-Precious Metal Nanocatalysts for Oxygen Reduction Reaction. <i>Advanced Energy Materials</i> , 2017, 7, 1700363.	19.5	297
16	Einzelatom-Elektrokatalysatoren. <i>Angewandte Chemie</i> , 2017, 129, 14132-14148.	2.0	99
17	Single-Atom Electrocatalysts. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13944-13960.	13.8	1,040
18	Template-directed synthesis of nitrogen- and sulfur-codoped carbon nanowire aerogels with enhanced electrocatalytic performance for oxygen reduction. <i>Nano Research</i> , 2017, 10, 1888-1895.	10.4	34

#	ARTICLE	IF	CITATIONS
19	Low Pt-content ternary PdCuPt nanodendrites: an efficient electrocatalyst for oxygen reduction reaction. <i>Nanoscale</i> , 2017, 9, 1279-1284.	5.6	66
20	One-step synthesis of carbon nanosheet-decorated carbon nanofibers as a 3D interconnected porous carbon scaffold for lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , 2017, 5, 23737-23743.	10.3	36
21	Two-Dimensional N,S-Codoped Carbon/Co <sub>9</sub> S <sub>8</sub> Catalysts Derived from Co(OH) <sub>2</sub> Nanosheets for Oxygen Reduction Reaction. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 36755-36761.	8.0	45
22	Multifunctional SnO <sub>2</sub> /3D graphene hybrid materials for sodium-ion and lithium-ion batteries with excellent rate capability and long cycle life. <i>Nano Research</i> , 2017, 10, 4398-4414.	10.4	63
23	Tuning the structure and composition of graphite-phase polymeric carbon nitride/reduced graphene oxide composites towards enhanced lithium-sulfur batteries performance. <i>Electrochimica Acta</i> , 2017, 248, 541-546.	5.2	20
24	Interconnected Fe, S, N-Codoped Hollow and Porous Carbon Nanorods as Efficient Electrocatalysts for the Oxygen Reduction Reaction. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 40298-40306.	8.0	44
25	Sugar Blowing-Induced Porous Cobalt Phosphide/Nitrogen-Doped Carbon Nanostructures with Enhanced Electrochemical Oxidation Performance toward Water and Other Small Molecules. <i>Small</i> , 2017, 13, 1700796.	10.0	65
26	Bimetallic Cobalt-Based Phosphide Zeolitic Imidazolate Framework: CoP <sub>x</sub> Phase-Dependent Electrical Conductivity and Hydrogen Atom Adsorption Energy for Efficient Overall Water Splitting. <i>Advanced Energy Materials</i> , 2017, 7, 1601555.	19.5	340
27	Electrochemically Controlled Ion-Exchange Property of Carbon Nanotubes/Polypyrrole Nanocomposite in Various Electrolyte Solutions. <i>Electroanalysis</i> , 2017, 29, 929-936.	2.9	14
28	Facile Tuning Porous NiCo <sub>2</sub> O <sub>4</sub> Nanosheets with Metal Valence-State Alteration and Abundant Oxygen Vacancies as Robust Electrocatalysts Towards Water Splitting. <i>Chemistry - A European Journal</i> , 2016, 22, 4000-4007.	3.3	172
29	Kinetically Controlled Synthesis of Pt-Based One-Dimensional Hierarchically Porous Nanostructures with Large Mesopores as Highly Efficient ORR Catalysts. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 35213-35218.	8.0	53
30	Frontispiece: Facile Tuning Porous NiCo <sub>2</sub> O <sub>4</sub> Nanosheets with Metal Valence-State Alteration and Abundant Oxygen Vacancies as Robust Electrocatalysts Towards Water Splitting. <i>Chemistry - A European Journal</i> , 2016, 22, .	3.3	0
31	Three-dimensional PtNi hollow nanochains as an enhanced electrocatalyst for the oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , 2016, 4, 8755-8761.	10.3	63
32	A Facile Method for Synthesizing Dendritic Core-Shell Structured Ternary Metallic Aerogels and Their Enhanced Electrochemical Performances. <i>Chemistry of Materials</i> , 2016, 28, 7928-7934.	6.7	60
33	PdCuPt Nanocrystals with Multibranches for Enzyme-Free Glucose Detection. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 22196-22200.	8.0	68
34	Efficient Synthesis of M <sub>2</sub> Cu (M = Pd, Pt, and Au) Aerogels with Accelerated Gelation Kinetics and their High Electrocatalytic Activity. <i>Advanced Materials</i> , 2016, 28, 8779-8783.	21.0	213
35	Highly Ordered Mesoporous Bimetallic Phosphides as Efficient Oxygen Evolution Electrocatalysts. <i>ACS Energy Letters</i> , 2016, 1, 792-796.	17.4	139
36	PtCu bimetallic alloy nanotubes with porous surface for oxygen reduction reaction. <i>RSC Advances</i> , 2016, 6, 69233-69238.	3.6	11

#	ARTICLE	IF	CITATIONS
37	One-pot bioinspired synthesis of all-inclusive protein@protein nanoflowers for point-of-care bioassay: detection of <i>E. coli</i> O157:H7 from milk. <i>Nanoscale</i> , 2016, 8, 18980-18986.	5.6	71
38	One-Pot Fabrication of Mesoporous Core@Shell Au@PtNi Ternary Metallic Nanoparticles and Their Enhanced Efficiency for Oxygen Reduction Reaction. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 4739-4744.	8.0	54
39	Highly efficient nonprecious metal catalysts towards oxygen reduction reaction based on three-dimensional porous carbon nanostructures. <i>Chemical Society Reviews</i> , 2016, 45, 517-531.	38.1	800
40	Enhanced Electrocatalytic Activities of PtCuCoNi Three-Dimensional Nanoporous Quaternary Alloys for Oxygen Reduction and Methanol Oxidation Reactions. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 6110-6116.	8.0	57
41	Optimization of cobalt/nitrogen embedded carbon nanotubes as an efficient bifunctional oxygen electrode for rechargeable zinc@air batteries. <i>Journal of Materials Chemistry A</i> , 2016, 4, 4864-4870.	10.3	72
42	Highly branched PtCu bimetallic alloy nanodendrites with superior electrocatalytic activities for oxygen reduction reactions. <i>Nanoscale</i> , 2016, 8, 5076-5081.	5.6	55
43	Enhanced electrocatalytic activities of three dimensional PtCu@Pt bimetallic alloy nanofoams for oxygen reduction reaction. <i>Catalysis Science and Technology</i> , 2016, 6, 5052-5059.	4.1	27
44	Ultrasonic-assisted synthesis of Pd@Pt/carbon nanotubes nanocomposites for enhanced electro-oxidation of ethanol and methanol in alkaline medium. <i>Ultrasonics Sonochemistry</i> , 2016, 28, 192-198.	8.2	78
45	Facile One-Step Synthesis of Three-Dimensional Pd@Ag Bimetallic Alloy Networks and Their Electrocatalytic Activity toward Ethanol Oxidation. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 13842-13848.	8.0	176
46	Ultrasonic-assisted synthesis of carbon nanotube supported bimetallic Pt@Ru nanoparticles for effective methanol oxidation. <i>Journal of Materials Chemistry A</i> , 2015, 3, 8459-8465.	10.3	63
47	One-pot synthesis of B-doped three-dimensional reduced graphene oxide via supercritical fluid for oxygen reduction reaction. <i>Green Chemistry</i> , 2015, 17, 3552-3560.	9.0	105
48	One-step synthesis of cobalt and nitrogen co-doped carbon nanotubes and their catalytic activity for the oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , 2015, 3, 12718-12722.	10.3	50
49	Ultrasonic enhanced synthesis of multi-walled carbon nanotube supported Pt@Co bimetallic nanoparticles as catalysts for the oxygen reduction reaction. <i>RSC Advances</i> , 2015, 5, 32685-32689.	3.6	17
50	Metal-organic framework derived hierarchically porous nitrogen-doped carbon nanostructures as novel electrocatalyst for oxygen reduction reaction. <i>Electrochimica Acta</i> , 2015, 178, 287-293.	5.2	50
51	Directed Liquid Phase Assembly of Highly Ordered Metallic Nanoparticle Arrays. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 5835-5843.	8.0	35