

# Yingpan Song

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

2,707  
citations

186209

28  
h-index

302012

39  
g-index

39  
all docs

39  
docs citations

39  
times ranked

2869  
citing authors

#	ARTICLE	IF	CITATIONS
1	Titanium dioxide encapsulated carbon-nitride nanosheets derived from MXene and melamine-cyanuric acid composite as a multifunctional electrocatalyst for hydrogen and oxygen evolution reaction and oxygen reduction reaction. <i>Applied Catalysis B: Environmental</i> , 2019, 248, 366-379.	10.8	191
2	Bimetallic cerium and ferric oxides nanoparticles embedded within mesoporous carbon matrix: Electrochemical immunosensor for sensitive detection of carbohydrate antigen 19-9. <i>Biosensors and Bioelectronics</i> , 2019, 135, 22-29.	5.3	160
3	Novel nanoarchitecture of Co-MOF-on-TPN-COF hybrid: Ultralowly sensitive bioplatform of electrochemical aptasensor toward ampicillin. <i>Biosensors and Bioelectronics</i> , 2019, 123, 59-68.	5.3	158
4	Aptamer-Templated Silver Nanoclusters Embedded in Zirconium Metal-Organic Framework for Bifunctional Electrochemical and SPR Aptasensors toward Carcinoembryonic Antigen. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 41188-41199.	4.0	156
5	Construction of Tb-MOF-on-Fe-MOF conjugate as a novel platform for ultrasensitive detection of carbohydrate antigen 125 and living cancer cells. <i>Biosensors and Bioelectronics</i> , 2019, 142, 111536.	5.3	153
6	Fe(III)-based metal-organic framework-derived core-shell nanostructure: Sensitive electrochemical platform for high trace determination of heavy metal ions. <i>Biosensors and Bioelectronics</i> , 2017, 94, 358-364.	5.3	146
7	Bimetallic NiFe oxide structures derived from hollow NiFe Prussian blue nanobox for label-free electrochemical sensing adenosine triphosphate. <i>Biosensors and Bioelectronics</i> , 2018, 113, 16-24.	5.3	139
8	Two-dimensional porphyrin-based covalent organic framework: A novel platform for sensitive epidermal growth factor receptor and living cancer cell detection. <i>Biosensors and Bioelectronics</i> , 2019, 126, 734-742.	5.3	124
9	Multiwall carbon nanotubes loaded with MoS <sub>2</sub> quantum dots and MXene quantum dots: Non-Pt bifunctional catalyst for the methanol oxidation and oxygen reduction reactions in alkaline solution. <i>Applied Surface Science</i> , 2019, 464, 78-87.	3.1	121
10	Metal-organic frameworks (MOFs) based chemosensors/biosensors for analysis of food contaminants. <i>Trends in Food Science and Technology</i> , 2021, 118, 569-588.	7.8	113
11	Solution-Plasma-Assisted Bimetallic Oxide Alloy Nanoparticles of Pt and Pd Embedded within Two-Dimensional Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> Nanosheets as Highly Active Electrocatalysts for Overall Water Splitting. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 23858-23873.	4.0	105
12	A $\beta$ -cyclodextrin-based metal-organic framework embedded with graphene quantum dots and modified with PEGMA via SI-ATRP for anticancer drug delivery and therapy. <i>Nanoscale</i> , 2019, 11, 20956-20967.	2.8	84
13	2D zirconium-based metal-organic framework nanosheets for highly sensitive detection of mucin 1: consistency between electrochemical and surface plasmon resonance methods. <i>2D Materials</i> , 2017, 4, 025098.	2.0	79
14	Chromium-based metal-organic framework embedded with cobalt phthalocyanine for the sensitively impedimetric cytosensing of colorectal cancer (CT26) cells and cell imaging. <i>Chemical Engineering Journal</i> , 2020, 398, 125452.	6.6	79
15	Iron oxide@mesoporous carbon architectures derived from an Fe-based metal organic framework for highly sensitive oxytetracycline determination. <i>Journal of Materials Chemistry A</i> , 2017, 5, 19378-19389.	5.2	73
16	Fluorine-doped nickel cobalt oxide spinel as efficiently bifunctional catalyst for overall water splitting. <i>Electrochimica Acta</i> , 2019, 299, 231-244.	2.6	71
17	Ultrasensitive detection of bisphenol A under diverse environments with an electrochemical aptasensor based on multicomponent AgMo heteronanostructure. <i>Sensors and Actuators B: Chemical</i> , 2020, 321, 128527.	4.0	68
18	PEGMA-modified bimetallic NiCo Prussian blue analogue doped with Tb(III) ions: Efficiently pH-responsive and controlled release system for anticancer drug. <i>Chemical Engineering Journal</i> , 2020, 389, 124468.	6.6	68

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19	Mesoporous Nanostructured CoFe@Se@P Composite Derived from a Prussian Blue Analogue as a Superior Electrocatalyst for Efficient Overall Water Splitting. <i>ACS Applied Energy Materials</i> , 2018, 1, 3915-3928.	2.5	66
20	Construction of the 0D/2D heterojunction of Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> MXene nanosheets and iron phthalocyanine quantum dots for the impedimetric aptasensing of microRNA-155. <i>Sensors and Actuators B: Chemical</i> , 2020, 310, 127844.	4.0	61
21	Multicomponent zirconium-based metal-organic frameworks for impedimetric aptasensing of living cancer cells. <i>Sensors and Actuators B: Chemical</i> , 2020, 306, 127608.	4.0	57
22	A label-free enrofloxacin electrochemical aptasensor constructed by a semiconducting CoNi-based metal-organic framework (MOF). <i>Electrochimica Acta</i> , 2021, 368, 137609.	2.6	54
23	Novel impedimetric sensing strategy for detecting ochratoxin A based on NH <sub>2</sub> -MIL-101(Fe) metal-organic framework doped with cobalt phthalocyanine nanoparticles. <i>Food Chemistry</i> , 2021, 351, 129248.	4.2	52
24	A bimetallic CoNi-based metal-organic framework as efficient platform for label-free impedimetric sensing toward hazardous substances. <i>Sensors and Actuators B: Chemical</i> , 2020, 311, 127927.	4.0	45
25	Aptasensor Based on Hierarchical Core-Shell Nanocomposites of Zirconium Hexacyanoferrate Nanoparticles and Mesoporous mFe <sub>3</sub> O <sub>4</sub> @mC: Electrochemical Quantitation of Epithelial Tumor Marker Mucin-1. <i>ACS Omega</i> , 2017, 2, 6809-6818.	1.6	34
26	Broadband nonlinear optical and optical limiting effects of partially unzipped carbon nanotubes. <i>Journal of Materials Chemistry C</i> , 2015, 3, 9948-9954.	2.7	33
27	Core-Shell Heterostructured CuFe@FeFe Prussian Blue Analogue Coupling with Silver Nanoclusters via a One-Step Bioinspired Approach: Efficiently Nonlabeled Aptasensor for Detection of Bleomycin in Various Aqueous Environments. <i>Analytical Chemistry</i> , 2018, 90, 13624-13631.	3.2	32
28	Carbon nanomaterials for simultaneous determination of dopamine and uric acid in the presence of ascorbic acid: from one-dimensional to the quasi one-dimensional. <i>Electrochimica Acta</i> , 2016, 190, 40-48.	2.6	31
29	Chitosan stabilized gold nanoparticle based electrochemical ractopamine immunoassay. <i>Mikrochimica Acta</i> , 2017, 184, 2919-2924.	2.5	28
30	Electrochemistry of partially unzipped carbon nanotubes. <i>Electrochemistry Communications</i> , 2014, 45, 95-98.	2.3	20
31	Direct growth of two-dimensional phthalocyanine-based COF on Cu-MOF to construct a photoelectrochemical-electrochemical dual-mode biosensing platform for high-efficiency determination of Cr(III). <i>Dalton Transactions</i> , 2021, 50, 14285-14295.	1.6	19
32	Two-dimensional triazine-based porous framework as a novel metal-free bifunctional electrocatalyst for zinc-air battery. <i>Journal of Colloid and Interface Science</i> , 2021, 591, 253-263.	5.0	17
33	Carbon Nanotubes with Tailored Density of Electronic States for Electrochemical Applications. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 25793-25803.	4.0	15
34	Quantification of EGFR and EGFR-overexpressed cancer cells based on carbon dots@bimetallic CuCo Prussian blue analogue. <i>RSC Advances</i> , 2020, 10, 28355-28364.	1.7	13
35	Feasible synthesis of protein-templated zinc phosphate-supported Pt nanoparticle with enhanced electrocatalysis for methanol oxidation. <i>Applied Surface Science</i> , 2017, 422, 228-238.	3.1	12
36	Cu x O@DNA sphere-based electrochemical bioassay for sensitive detection of Pb <sup>2+</sup> . <i>Mikrochimica Acta</i> , 2018, 185, 186.	2.5	11

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37	Geometry-dependent electrochemistry of graphene oxide family. <i>Electrochemistry Communications</i> , 2015, 56, 38-42.	2.3	9
38	A novel platform based on defect-rich knotted graphene nanotubes for detection of small biomolecules. <i>Electrochimica Acta</i> , 2016, 217, 47-54.	2.6	7
39	Tailoring the dimensionality of carbon nanostructures as highly electrochemical supports for detection of carcinoembryonic antigens. <i>RSC Advances</i> , 2019, 9, 13431-13443.	1.7	3