

# Yu Jiang

## List of Publications by Year in descending order

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22  
papers

495  
citations

687363

13  
h-index

794594

19  
g-index

23  
all docs

23  
docs citations

23  
times ranked

485  
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Healing All-in-One Energy Storage for Flexible Self-Powering Ammonia Smartsensors. <i>Energy and Environmental Materials</i> , 2022, 5, 986-995.	12.8	26
2	Oil-water self-assembly engineering of Prussian blue/quantum dots decorated graphene film for wearable textile biosensors and photoelectronic unit. <i>Chemical Engineering Journal</i> , 2022, 427, 131824.	12.7	12
3	Wearable biomolecule smart sensor based on Au@PB NPs with high electrochemical activity. <i>Journal of Alloys and Compounds</i> , 2022, 891, 161983.	5.5	7
4	Wearable healthcare smart electrochemical biosensors based on co-assembled prussian blue-graphene film for glucose sensing. <i>Mikrochimica Acta</i> , 2022, 189, 46.	5.0	11
5	Wearable Self-Powered Smart Sensors for Portable Nutrition Monitoring. <i>Analytical Chemistry</i> , 2022, 94, 2333-2340.	6.5	27
6	Recent Advances of Prussian Blue-Based Wearable Biosensors for Healthcare. <i>Analytical Chemistry</i> , 2022, 94, 297-311.	6.5	22
7	Monoclinic Bimetallic Prussian Blue Analog Cathode with High Capacity and Long Life for Advanced Sodium Storage. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 24332-24340.	8.0	11
8	Assessment of melting and dripping effect on ignition of vertically discrete polypropylene and polyethylene slabs. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 144, 751-762.	3.6	10
9	Facet-Dependent Cu <sub>2</sub> O Electrocatalysis for Wearable Enzyme-Free Smart Sensing. <i>ACS Catalysis</i> , 2021, 11, 2949-2955.	11.2	65
10	NASICON-Structured Na <sub>2</sub> VTi(PO <sub>4</sub> ) <sub>3</sub> @C for Symmetric Aqueous Rechargeable Na-Ion Batteries with Long Lifespan. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 3490-3497.	6.7	21
11	Wearable Helical Molybdenum Nitride Supercapacitors for Self-Powered Healthcare Smartsensors. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 29780-29787.	8.0	19
12	Wearable Porous Au Smartsensors for On-Site Detection of Multiple Metal Ions. <i>Analytical Chemistry</i> , 2021, 93, 2603-2609.	6.5	17
13	Wearable Motion Smartsensors Self-Powered by Core-Shell Au@Pt Methanol Fuel Cells. <i>ACS Sensors</i> , 2021, 6, 4526-4534.	7.8	5
14	Real-Time Monitoring of Heavy Metals in Healthcare via Twistable and Washable Smartsensors. <i>Analytical Chemistry</i> , 2020, 92, 14536-14541.	6.5	20
15	Highly Selective Wearable Smartsensors for Vapor/Liquid Amphibious Methanol Monitoring. <i>Analytical Chemistry</i> , 2020, 92, 5897-5903.	6.5	14
16	High-stability monoclinic nickel hexacyanoferrate cathode materials for ultrafast aqueous sodium ion battery. <i>Chemical Engineering Journal</i> , 2020, 388, 124228.	12.7	91
17	Wearable Textile Supercapacitors for Self-Powered Enzyme-Free Smartsensors. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 21779-21787.	8.0	34
18	Wearable biomolecule smartsensors based on one-step fabricated berlin green printed arrays. <i>Biosensors and Bioelectronics</i> , 2019, 144, 111637.	10.1	22

#	ARTICLE	IF	CITATIONS
19	Thermal Decomposition and Auto-ignition of Finite Thick PMMA in Forced Convective Airflow. , 2019, , .		0
20	Facile Wearable Vapor/Liquid Amphibious Methanol Sensor. ACS Sensors, 2019, 4, 152-160.	7.8	41
21	Evaluation of omphacite and iron-coated omphacite as a water filtration medium. Water Science and Technology: Water Supply, 0, , .	2.1	2
22	Three-Component Asymmetric Polymerization toward Chiral Polymer. CCS Chemistry, 0, , 1-14.	7.8	10