

# Yang Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

2,170  
citations

687220

13  
h-index

839398

18  
g-index

21  
all docs

21  
docs citations

21  
times ranked

3597  
citing authors

#	ARTICLE	IF	CITATIONS
1	Flexible supercapacitors based on paper substrates: a new paradigm for low-cost energy storage. <i>Chemical Society Reviews</i> , 2015, 44, 5181-5199.	18.7	546
2	Printed supercapacitors: materials, printing and applications. <i>Chemical Society Reviews</i> , 2019, 48, 3229-3264.	18.7	360
3	Porous hollow $\text{Co}_3\text{O}_4$ with rhombic dodecahedral structures for high-performance supercapacitors. <i>Nanoscale</i> , 2014, 6, 14354-14359.	2.8	252
4	MXene Printing and Patterned Coating for Device Applications. <i>Advanced Materials</i> , 2020, 32, e1908486.	11.1	239
5	A Simple Approach to Boost Capacitance: Flexible Supercapacitors Based on Manganese Oxides@MOFs via Chemically Induced In Situ Self-Transformation. <i>Advanced Materials</i> , 2016, 28, 5242-5248.	11.1	229
6	Inkjet printing of $\text{MnO}_2$ nanosheets for flexible solid-state micro-supercapacitor. <i>Nano Energy</i> , 2018, 49, 481-488.	8.2	221
7	Defect engineering of $\text{MnO}_2$ nanosheets by substitutional doping for printable solid-state micro-supercapacitors. <i>Nano Energy</i> , 2020, 68, 104306.	8.2	90
8	Nickel Niobate Anodes for High Rate Lithium-Ion Batteries. <i>Advanced Energy Materials</i> , 2022, 12, .	10.2	49
9	Printed electronics integrated with paper-based microfluidics: new methodologies for next-generation health care. <i>Microfluidics and Nanofluidics</i> , 2015, 19, 251-261.	1.0	42
10	Metal Oxide Nanosheets as 2D Building Blocks for the Design of Novel Materials. <i>Chemistry - A European Journal</i> , 2020, 26, 9084-9098.	1.7	37
11	Hierarchically Hollow and Porous $\text{NiO/NiCo}_2\text{O}_4$ Nanoprisms Encapsulated in Graphene Oxide for Lithium Storage. <i>Langmuir</i> , 2020, 36, 9668-9674.	1.6	27
12	Advances in Inkjet Printing of $\text{MnO}_2$ Nanosheet Based Pseudocapacitors. <i>Small Methods</i> , 2019, 3, 1800318.	4.6	23
13	Tunable capacitance in all-inkjet-printed nanosheet heterostructures. <i>Energy Storage Materials</i> , 2021, 36, 318-325.	9.5	22
14	Enhanced lithiation dynamics in nanostructured $\text{Nb}_2\text{O}_5$ anodes. <i>Journal of Power Sources</i> , 2021, 482, 228898.	4.0	15
15	Printable Two-Dimensional $\text{V}_2\text{O}_5/\text{MXene}$ Heterostructure Cathode for Lithium-Ion Battery. <i>Journal of the Electrochemical Society</i> , 2021, 168, 020507.	1.3	9
16	2D titanoniobate-titaniumcarbide nanohybrid anodes for ultrafast lithium-ion batteries. <i>Journal of Power Sources</i> , 2021, 512, 230523.	4.0	5
17	Long-range ordering of two-dimensional wide bandgap tantalum oxide nanosheets in printed films. <i>Journal of Materials Chemistry C</i> , 2021, 9, 5699-5705.	2.7	3
18	Ionic liquid-assisted <i>in situ</i> growth of a cobalt oxide composite and its application in supercapacitors and electrochemical biosensors. <i>New Journal of Chemistry</i> , 2018, 42, 18659-18666.	1.4	1

#	ARTICLE	IF	CITATIONS
19	All-printed paper based supercapacitors. , 2017, , .		0
20	Frontispiece: Metal Oxide Nanosheets as 2D Building Blocks for the Design of Novel Materials. Chemistry - A European Journal, 2020, 26, .	1.7	0