

# Jinyang Li

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1602375/publications.pdf>

Version: 2024-02-01

37  
papers

1,820  
citations

331670

21  
h-index

361022

35  
g-index

37  
all docs

37  
docs citations

37  
times ranked

3039  
citing authors

#	ARTICLE	IF	CITATIONS
1	In-depth numerical analysis of crack initiation and evolution in coating-substrate systems under spherical indentation. <i>Journal of Materials Research</i> , 2022, 37, 747-762.	2.6	0
2	Wheat straw-core hydrogel spheres with polypyrrole nanotubes for the removal of organic dyes. <i>Journal of Cleaner Production</i> , 2022, 344, 131100.	9.3	15
3	Improved impedance matching by multi-componential metal-hybridized rGO toward high performance of microwave absorption. <i>Nanotechnology Reviews</i> , 2021, 10, 1-9.	5.8	23
4	Defect-Enhanced Electromagnetic Wave Absorption Property of Hierarchical Graphite Capsules@Helical Carbon Nanotube Hybrid Nanocomposites. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 28710-28720.	8.0	31
5	Gill inspired hierarchical wrinkles of reduced graphene oxide encapsulated carbon nanotubes with significantly boosted supercapacitor performance. <i>Ceramics International</i> , 2021, 47, 26712-26719.	4.8	7
6	Hierarchical porous carbon electrode materials for supercapacitor developed from wheat straw cellulosic foam. <i>Renewable Energy</i> , 2020, 149, 208-216.	8.9	105
7	Ultrafast physical bacterial inactivation and photocatalytic self-cleaning of ZnO nanoarrays for rapid and sustainable bactericidal applications. <i>Science of the Total Environment</i> , 2020, 738, 139714.	8.0	38
8	Excellent antibacterial activities in the dark of ZnO nanoflakes with oxygen vacancies on exposed {211,1,0} facets. <i>Journal of Materials Chemistry A</i> , 2020, 8, 11511-11514.	10.3	24
9	Superior Fe <sub>x</sub> N electrocatalyst derived from 1,1'-diacetylferrocene for oxygen reduction reaction in alkaline and acidic media. <i>Nanotechnology Reviews</i> , 2020, 9, 843-852.	5.8	8
10	Fast Screening of Corrosion Trends in Metallic Glasses. <i>ACS Combinatorial Science</i> , 2019, 21, 666-674.	3.8	9
11	<i>Nepenthes</i> -inspired multifunctional nanoblades with mechanical bactericidal, self-cleaning and insect anti-adhesive characteristics. <i>RSC Advances</i> , 2019, 9, 27904-27910.	3.6	11
12	TBAH/Urea/H <sub>2</sub> O solvent for room temperature wet-spinning of cellulose and optimization of drawing process. <i>Cellulose</i> , 2019, 26, 6959-6977.	4.9	16
13	Underwater Organic Solar Cells via Selective Removal of Electron Acceptors near the Top Electrode. <i>ACS Energy Letters</i> , 2019, 4, 1034-1041.	17.4	25
14	Ultra-robust and high-toughness graphene oxide papers via synergistic strengthening by addition of carbon-nanotubes and copper ions. <i>Carbon</i> , 2019, 147, 490-500.	10.3	21
15	Hybridization-Induced Polarization of Graphene Sheets by Intercalation-Polymerized Polyaniline toward High Performance of Microwave Absorption. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 17100-17107.	8.0	64
16	Metallic Glass Nanostructures: Recent Advances in Metallic Glass Nanostructures: Synthesis Strategies and Electrocatalytic Applications ( <i>Adv. Mater.</i> 7/2019). <i>Advanced Materials</i> , 2019, 31, 1970050.	21.0	7
17	Electric-field assisted growth and mechanical bactericidal performance of ZnO nanoarrays with gradient morphologies. <i>Nanotechnology Reviews</i> , 2019, 8, 315-326.	5.8	6
18	Recent Advances in Metallic Glass Nanostructures: Synthesis Strategies and Electrocatalytic Applications. <i>Advanced Materials</i> , 2019, 31, e1802120.	21.0	49

#	ARTICLE	IF	CITATIONS
19	Improved fracture toughness and ductility of PLA composites by incorporating a small amount of surface-modified helical carbon nanotubes. <i>Composites Part B: Engineering</i> , 2019, 162, 54-61.	12.0	49
20	Recent advances in surface-functionalised photosensitive antibacterials with synergistic effects. <i>Biosurface and Biotribology</i> , 2019, 5, 97-103.	1.5	2
21	High-Performance Capacitive Deionization via Manganese Oxide-Coated, Vertically Aligned Carbon Nanotubes. <i>Environmental Science and Technology Letters</i> , 2018, 5, 692-700.	8.7	69
22	Layer-by-Layer Assembly of Cross-Functional Semi-transparent MXene-Carbon Nanotubes Composite Films for Next-Generation Electromagnetic Interference Shielding. <i>Advanced Functional Materials</i> , 2018, 28, 1803360.	14.9	407
23	Carbonized Design of Hierarchical Porous Carbon/Fe <sub>3</sub> O <sub>4</sub> @Fe Derived from Loofah Sponge to Achieve Tunable High-Performance Microwave Absorption. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 11801-11810.	6.7	256
24	Exploring a wider range of Mg-Ca-Zn metallic glass as biocompatible alloys using combinatorial sputtering. <i>Chemical Communications</i> , 2017, 53, 8288-8291.	4.1	27
25	Light-trapping in polymer solar cells by processing with nanostructured diatomaceous earth. <i>Organic Electronics</i> , 2017, 51, 422-427.	2.6	10
26	Nanopatterned Bulk Metallic Glass Biosensors. <i>ACS Sensors</i> , 2017, 2, 1779-1787.	7.8	26
27	Combinatorial screening of Pd-based quaternary electrocatalysts for oxygen reduction reaction in alkaline media. <i>Journal of Materials Chemistry A</i> , 2017, 5, 67-72.	10.3	30
28	A New Design Strategy for Observing Lithium Oxide Growth-Evolution Interactions Using Geometric Catalyst Positioning. <i>Nano Letters</i> , 2016, 16, 4799-4806.	9.1	25
29	Heme biomolecule as redox mediator and oxygen shuttle for efficient charging of lithium-oxygen batteries. <i>Nature Communications</i> , 2016, 7, 12925.	12.8	122
30	Guided Evolution of Bulk Metallic Glass Nanostructures: A Platform for Designing 3D Electrocatalytic Surfaces. <i>Advanced Materials</i> , 2016, 28, 1940-1949.	21.0	71
31	Heterogeneous WS <sub>2</sub> /WO <sub>3</sub> Thorn-Bush Nanofiber Electrodes for Sodium-Ion Batteries. <i>ACS Nano</i> , 2016, 10, 3257-3266.	14.6	121
32	Electrocatalysts: Guided Evolution of Bulk Metallic Glass Nanostructures: A Platform for Designing 3D Electrocatalytic Surfaces (Adv. Mater. 10/2016). <i>Advanced Materials</i> , 2016, 28, 1902-1902.	21.0	0
33	Enhanced photoelectrochemical and sensing performance of novel TiO <sub>2</sub> arrays to H <sub>2</sub> O <sub>2</sub> detection. <i>Sensors and Actuators B: Chemical</i> , 2015, 211, 111-115.	7.8	29
34	Controlled Doping of Carbon Nanotubes with Metallocenes for Application in Hybrid Carbon Nanotube/Si Solar Cells. <i>Nano Letters</i> , 2014, 14, 3388-3394.	9.1	53
35	Halide promoted organotin-mediated carbohydrate benzylation: mechanism and application. <i>Tetrahedron</i> , 2013, 69, 2693-2700.	1.9	32
36	The interaction between desferrioxamine and hemin: A potential toxicological implication. <i>Toxicology in Vitro</i> , 2012, 26, 732-735.	2.4	11

#	ARTICLE	IF	CITATIONS
37	Nitrative and oxidative modifications of enolase are associated with iron in iron-overload rats and in vitro. <i>Journal of Biological Inorganic Chemistry</i> , 2011, 16, 481-490.	2.6	21