

Jiansheng Wu

List of Publications by Year in descending order

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73
papers

3,388
citations

136950

32
h-index

144013

57
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73
all docs

73
docs citations

73
times ranked

4917
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanostructured Conjugated Ladder Polymers for Stable and Fast Lithium Storage Anodes with High Capacity. <i>Advanced Energy Materials</i> , 2015, 5, 1402189.	19.5	253
2	Pushing Up Lithium Storage through Nanostructured Polyaazaacene Analogues as Anode. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7354-7358.	13.8	234
3	Polypyrrole nanotube film for flexible thermoelectric application. <i>Synthetic Metals</i> , 2014, 196, 173-177.	3.9	165
4	Inorganic-organic hybrid polymer with multiple redox for high-density data storage. <i>Chemical Science</i> , 2014, 5, 3404-3408.	7.4	164
5	Conductive MOF-Modified Separator for Mitigating the Shuttle Effect of Lithium-Sulfur Battery through a Filtration Method. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 11459-11465.	8.0	141
6	Prediction of DNA-binding residues in proteins from amino acid sequences using a random forest model with a hybrid feature. <i>Bioinformatics</i> , 2009, 25, 30-35.	4.1	137
7	Employing a Flexible and Low-Cost Polypyrrole Nanotube Membrane as an Anode to Enhance Current Generation in Microbial Fuel Cells. <i>Small</i> , 2015, 11, 3440-3443.	10.0	136
8	Designing MOFs-Derived FeS ₂ @Carbon Composites for High-Rate Sodium Ion Storage with Capacitive Contributions. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 33097-33104.	8.0	126
9	Repurposed Leather with Sensing Capabilities for Multifunctional Electronic Skin. <i>Advanced Science</i> , 2019, 6, 1801283.	11.2	119
10	Rhodamine-Modified Upconversion Nanophosphors for Ratiometric Detection of Hypochlorous Acid in Aqueous Solution and Living Cells. <i>Small</i> , 2014, 10, 3560-3567.	10.0	114
11	Investigating thermoelectric properties of doped polyaniline nanowires. <i>Synthetic Metals</i> , 2014, 189, 177-182.	3.9	105
12	Stretchable Conductive Fibers Based on a Cracking Control Strategy for Wearable Electronics. <i>Advanced Functional Materials</i> , 2018, 28, 1801683.	14.9	100
13	Dual-component Li _x TiO ₂ @silica functional coating in one layer for performance enhanced LiNi _{0.6} Co _{0.2} Mn _{0.2} O ₂ cathode. <i>Nano Energy</i> , 2019, 58, 673-679.	16.0	84
14	Hybrid Conducting Biofilm with Built-in Bacteria for High-Performance Microbial Fuel Cells. <i>ChemElectroChem</i> , 2015, 2, 654-658.	3.4	77
15	SnSe Nanoparticles Chemically Embedded in a Carbon Shell for High-Rate Sodium-Ion Storage. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 2346-2353.	8.0	77
16	A cyanine-modified upconversion nanoprobe for NIR-excited imaging of endogenous hydrogen peroxide signaling in vivo. <i>Biomaterials</i> , 2015, 54, 34-43.	11.4	75
17	[4 + 2] Cycloaddition Reaction To Approach Diazatwistpentacenes: Synthesis, Structures, Physical Properties, and Self-assembly. <i>Journal of Organic Chemistry</i> , 2014, 79, 4438-4445.	3.2	72
18	Anionic and cationic dyes adsorption on porous poly-melamine-formaldehyde polymer. <i>Chemical Engineering Research and Design</i> , 2016, 114, 258-267.	5.6	72

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19	Novel Conjugated Ladder-Structured Oligomer Anode with High Lithium Storage and Long Cycling Capability. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 16932-16938.	8.0	64
20	Polar, catalytic, and conductive CoSe ₂ /C frameworks for performance enhanced S cathode in Li-S batteries. <i>Journal of Energy Chemistry</i> , 2020, 48, 128-135.	12.9	61
21	Compartmentalization within Self-Assembled Metal-Organic Framework Nanoparticles for Tandem Reactions. <i>Advanced Functional Materials</i> , 2018, 28, 1802479.	14.9	55
22	Metal-Organic Framework Derivatives for Improving the Catalytic Activity of the CO Oxidation Reaction. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 15394-15398.	8.0	53
23	Fabrication of Flexible Transparent Electrode with Enhanced Conductivity from Hierarchical Metal Grids. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 39110-39115.	8.0	52
24	Metal-Organic Frameworks as Metal Ion Precursors for the Synthesis of Nanocomposites for Lithium-Ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 4763-4769.	13.8	52
25	One-step turning leather wastes into heteroatom doped carbon aerogel for performance enhanced capacitive deionization. <i>Microporous and Mesoporous Materials</i> , 2020, 303, 110303.	4.4	45
26	Catalyst surfaces with tunable hydrophilicity and hydrophobicity: metal-organic frameworks toward controllable catalytic selectivity. <i>Chemical Communications</i> , 2018, 54, 3936-3939.	4.1	43
27	Wearable Leather-Based Electronics for Respiration Monitoring. <i>ACS Applied Bio Materials</i> , 2019, 2, 1427-1431.	4.6	39
28	Leather-Based Strain Sensor with Hierarchical Structure for Motion Monitoring. <i>Advanced Materials Technologies</i> , 2019, 4, 1900442.	5.8	37
29	WDL-RF: predicting bioactivities of ligand molecules acting with G protein-coupled receptors by combining weighted deep learning and random forest. <i>Bioinformatics</i> , 2018, 34, 2271-2282.	4.1	36
30	Functional Macro-Microporous Metal-Organic Frameworks for Improving the Catalytic Performance. <i>Small Methods</i> , 2019, 3, 1800547.	8.6	35
31	Thermal Shrinkage Behavior of Metal-Organic Frameworks. <i>Advanced Functional Materials</i> , 2020, 30, 2001389.	14.9	35
32	NaF-mediated controlled-synthesis of multicolor Na _x ScF _{3+x} :Yb/Er upconversion nanocrystals. <i>Nanoscale</i> , 2015, 7, 4048-4054.	5.6	33
33	Regulation of Cobalt-Nickel LDHs™ Structure and Components for Optimizing the Performance of an Electrochemical Sensor. <i>ACS Applied Nano Materials</i> , 2019, 2, 6387-6396.	5.0	33
34	Hydrophilic silica spheres layer as ions shunt for enhanced Zn metal anode. <i>Chemical Engineering Journal</i> , 2022, 431, 133931.	12.7	33
35	Hydrophilic nano-porous carbon derived from egg whites for highly efficient capacitive deionization. <i>Applied Surface Science</i> , 2020, 512, 145740.	6.1	31
36	Modifiers versus Channels: Creating Shape-Selective Catalysis of Metal Nanoparticles/Porous Nanomaterials. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 976-982.	13.8	30

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37	Co nanoparticles combined with nitrogen-doped graphitic carbon anchored on carbon fibers as a self-standing air electrode for flexible zinc-air batteries. <i>Journal of Materials Chemistry A</i> , 2020, 8, 7184-7191.	10.3	28
38	Accelerating AutoDock Vina with GPUs. <i>Molecules</i> , 2022, 27, 3041.	3.8	28
39	Skin Conformal and Antibacterial PPy@Leather Electrode for ECG Monitoring. <i>Advanced Electronic Materials</i> , 2020, 6, 2000259.	5.1	26
40	Synthesis of Fe ₃ O ₄ /Polyaniline Nanocomposite in Reversed Micelle Systems and its Performance Characteristics. <i>Procedia Engineering</i> , 2012, 27, 664-670.	1.2	25
41	Fabrication of a reversible SnS ₂ /RGO nanocomposite for high performance lithium storage. <i>RSC Advances</i> , 2016, 6, 32414-32421.	3.6	24
42	Regulating Electronic Status of Platinum Nanoparticles by Metal-Organic Frameworks for Selective Catalysis. <i>CCS Chemistry</i> , 2021, 3, 1607-1614.	7.8	21
43	Transitional MOFs: Exposing Metal Sites with Porosity for Enhancing Catalytic Reaction Performance. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 23968-23975.	8.0	20
44	Controlled Synthesis of Uniform Na ₃ ScF ₃ Nanopolyhedrons, Nanoplates, Nanorods, and Nanospheres Using Solvents. <i>Crystal Growth and Design</i> , 2015, 15, 2988-2993.	3.0	18
45	Fast Intercalation in Locally Ordered Carbon Nanocrystallites for Superior Potassium Ions Storage. <i>Advanced Functional Materials</i> , 2022, 32, 2109672.	14.9	18
46	Co ₃ O ₄ nanoparticles embedded in nitrogen-doped graphitic carbon fibers as a free-standing electrode for promotion of lithium ion storage with capacitive contribution. <i>Chemical Communications</i> , 2020, 56, 5767-5770.	4.1	16
47	3D-conductive pathway written on leather for highly sensitive and durable electronic whisker. <i>Journal of Materials Chemistry C</i> , 2020, 8, 9748-9754.	5.5	15
48	Fabrication and physical properties of self-assembled ultralong polymer/small molecule hybrid microstructures. <i>RSC Advances</i> , 2015, 5, 25550-25554.	3.6	13
49	Fabrication of Two-Dimensional Metal-Organic Framework Nanosheets through Crystal Dissolution-Growth Kinetics. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 7192-7199.	8.0	13
50	Precise modelling and interpretation of bioactivities of ligands targeting G protein-coupled receptors. <i>Bioinformatics</i> , 2019, 35, i324-i332.	4.1	12
51	Solution-based synthesis of SnO ₂ nanoparticle/CdS nanowire heterostructures. <i>CrystEngComm</i> , 2011, 13, 4580.	2.6	11
52	Nearly Pure Red Color Upconversion Luminescence of Ln-Doped Sc ₂ O ₃ with Unexpected RE-MOFs Molecular Alloys as Precursor. <i>Inorganic Chemistry</i> , 2018, 57, 10511-10517.	4.0	8
53	CNT@leather-based electronic bidirectional pressure sensor. <i>Science China Technological Sciences</i> , 2020, 63, 2137-2146.	4.0	8
54	Homologous G Protein-Coupled Receptors Boost the Modeling and Interpretation of Bioactivities of Ligand Molecules. <i>Journal of Chemical Information and Modeling</i> , 2020, 60, 1865-1875.	5.4	8

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55	Multi-channel sulfurized polyacrylonitrile with hollow structure as cathode for room temperature sodium-sulfur batteries. <i>Journal of Solid State Chemistry</i> , 2021, 301, 122359.	2.9	8
56	Classification of Mild Cognitive Impairment With Multimodal Data Using Both Labeled and Unlabeled Samples. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2021, 18, 2281-2290.	3.0	7
57	Rational design of Ni ₃ (HITP) ₂ @GO composite for lithium-sulfur cathode. <i>Applied Surface Science</i> , 2022, 572, 151479.	6.1	7
58	A novel method for quantitatively predicting non-covalent interactions from protein and nucleic acid sequence. <i>Journal of Molecular Graphics and Modelling</i> , 2011, 31, 28-34.	2.4	6
59	Three-Dimensional Multilayered Interconnected Network of Conjugated Carbon Nanofibers Encapsulated Silicon/Graphene Oxide for Lithium Storage. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 801-807.	3.7	5
60	An <i>in situ</i> decorated cathode with LiF and F@C for performance enhanced Li-S batteries. <i>Chemical Communications</i> , 2020, 56, 6444-6447.	4.1	5
61	RealVS: Toward Enhancing the Precision of Top Hits in Ligand-Based Virtual Screening of Drug Leads from Large Compound Databases. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 4924-4939.	5.4	4
62	Transfer learning with molecular graph convolutional networks for accurate modeling and representation of bioactivities of ligands targeting GPCRs without sufficient data. <i>Computational Biology and Chemistry</i> , 2022, 98, 107664.	2.3	4
63	Text classification based on a novel ensemble multi-label learning method. , 2014, , .		2
64	Reactive Oxygen Species: Rhodamine-Modified Upconversion Nanophosphors for Ratiometric Detection of Hypochlorous Acid in Aqueous Solution and Living Cells (Small 17/2014). <i>Small</i> , 2014, 10, 3592-3592.	10.0	2
65	Function Prediction for G Protein-Coupled Receptors through Text Mining and Induction Matrix Completion. <i>ACS Omega</i> , 2019, 4, 3045-3054.	3.5	2
66	AFSE: towards improving model generalization of deep graph learning of ligand bioactivities targeting GPCR proteins. <i>Briefings in Bioinformatics</i> , 2022, 23, .	6.5	2
67	Synthesis of H ₃ PW ₁₂ O ₄₀ -doped polyaniline by chemical oxidative polymerization. <i>Procedia Engineering</i> , 2012, 27, 1448-1453.	1.2	1
68	Anchor graph hashing with semantically consistent graph. , 2016, , .		1
69	Metric learning for domain adversarial network. <i>Frontiers of Computer Science</i> , 2022, 16, 1.	2.4	1
70	Disclosing incoherent sparse and low-rank patterns inside homologous GPCR tasks for better modelling of ligand bioactivities. <i>Frontiers of Computer Science</i> , 2022, 16, .	2.4	1
71	One-dimensional nanowire assembly based on oriented polymer nanofibers. , 2011, , .		0
72	Recognition of microRNA-binding sites in proteins from sequences using Laplacian Support Vector Machines with a hybrid feature. , 2013, , .		0

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73	Improvement of Electron Transport Properties of Polypyrrole Nano-films by In-situ Polymerization under High Pressure. Polymer-Plastics Technology and Engineering, 2014, 53, 1598-1606.	1.9	0