Jiansheng Wu

List of Publications by Year
in descending order

73 papers	3,388 citations	136950 32 h-index	144013 57 g-index
73 all docs	73 docs citations	73 times ranked	4917 citing authors

#	Article	IF	Citations
1	Rational design of Ni3(HITP)2@GO composite for lithium-sulfur cathode. Applied Surface Science, 2022, 572, 151479.	6.1	7
2	Fast Intercalation in Locally Ordered Carbon Nanocrystallites for Superior Potassium Ions Storage. Advanced Functional Materials, 2022, 32, 2109672.	14.9	18
3	Hydrophilic silica spheres layer as ions shunt for enhanced Zn metal anode. Chemical Engineering Journal, 2022, 431, 133931.	12.7	33
4	Fabrication of Two-Dimensional Metal–Organic Framework Nanosheets through Crystal Dissolution–Growth Kinetics. ACS Applied Materials & Interfaces, 2022, 14, 7192-7199.	8.0	13
5	Metric learning for domain adversarial network. Frontiers of Computer Science, 2022, 16, 1.	2.4	1
6	AFSE: towards improving model generalization of deep graph learning of ligand bioactivities targeting GPCR proteins. Briefings in Bioinformatics, 2022, 23, .	6.5	2
7	Transfer learning with molecular graph convolutional networks for accurate modeling and representation of bioactivities of ligands targeting GPCRs without sufficient data. Computational Biology and Chemistry, 2022, 98, 107664.	2.3	4
8	Disclosing incoherent sparse and low-rank patterns inside homologous GPCR tasks for better modelling of ligand bioactivities. Frontiers of Computer Science, 2022, 16, .	2.4	1
9	Accelerating AutoDock Vina with GPUs. Molecules, 2022, 27, 3041.	3.8	28
10	Modifiers versus Channels: Creating Shape‐Selective Catalysis of Metal Nanoparticles/Porous Nanomaterials. Angewandte Chemie - International Edition, 2021, 60, 976-982.	13.8	30
11	Regulating Electronic Status of Platinum Nanoparticles by Metal–Organic Frameworks for Selective Catalysis. CCS Chemistry, 2021, 3, 1607-1614.	7.8	21
12	Multi-channel sulfurized polyacrylonitrile with hollow structure as cathode for room temperature sodium–sulfur batteries. Journal of Solid State Chemistry, 2021, 301, 122359.	2.9	8
13	Classification of Mild Cognitive Impairment With Multimodal Data Using Both Labeled and Unlabeled Samples. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2021, 18, 2281-2290.	3.0	7
14	RealVS: Toward Enhancing the Precision of Top Hits in Ligand-Based Virtual Screening of Drug Leads from Large Compound Databases. Journal of Chemical Information and Modeling, 2021, 61, 4924-4939.	5.4	4
15	Three-Dimensional Multilayered Interconnected Network of Conjugated Carbon Nanofibers Encapsulated Silicon/Graphene Oxide for Lithium Storage. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 801-807.	3.7	5
16	Polar, catalytic, and conductive CoSe2/C frameworks for performance enhanced S cathode in Li–S batteries. Journal of Energy Chemistry, 2020, 48, 128-135.	12.9	61
17	SnSe$_2$ Nanoparticles Chemically Embedded in a Carbon Shell for High-Rate Sodium-Ion Storage. ACS Applied Materials & Interfaces, 2020, 12, 2346-2353.	8.0	77
18	Metal–Organic Frameworks as Metal Ion Precursors for the Synthesis of Nanocomposites for Lithium–Ion Batteries. Angewandte Chemie - International Edition, 2020, 59, 4763-4769.	13.8	52

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19	Skin Conformal and Antibacterial PPy–Leather Electrode for ECG Monitoring. Advanced Electronic Materials, 2020, 6, 2000259.	5.1	26
20	CNT@leather-based electronic bidirectional pressure sensor. Science China Technological Sciences, 2020, 63, 2137-2146.	4.0	8
21	One-step turning leather wastes into heteroatom doped carbon aerogel for performance enhanced capacitive deionization. Microporous and Mesoporous Materials, 2020, 303, 110303.	4.4	45
22	Co nanoparticles combined with nitrogen-doped graphitic carbon anchored on carbon fibers as a self-standing air electrode for flexible zinc–air batteries. Journal of Materials Chemistry A, 2020, 8, 7184-7191.	10.3	28
23	Co_3O_4 nanoparticles embedded in nitrogen-doped graphitic carbon fibers as a free-standing electrode for promotion of lithium ion storage with capacitive contribution. Chemical Communications, 2020, 56, 5767-5770.	4.1	16
24	Thermal Shrinkage Behavior of Metal–Organic Frameworks. Advanced Functional Materials, 2020, 30, 2001389.	14.9	35
25	Hydrophilic nano-porous carbon derived from egg whites for highly efficient capacitive deionization. Applied Surface Science, 2020, 512, 145740.	6.1	31
26	Homologous G Protein-Coupled Receptors Boost the Modeling and Interpretation of Bioactivities of Ligand Molecules. Journal of Chemical Information and Modeling, 2020, 60, 1865-1875.	5.4	8
27	Transitional MOFs: Exposing Metal Sites with Porosity for Enhancing Catalytic Reaction Performance. ACS Applied Materials & Interfaces, 2020, 12, 23968-23975.	8.0	20
28	An *in situ* decorated cathode with LiF and F@C for performance enhanced Li–S batteries. Chemical Communications, 2020, 56, 6444-6447.	4.1	5
29	3D-conductive pathway written on leather for highly sensitive and durable electronic whisker. Journal of Materials Chemistry C, 2020, 8, 9748-9754.	5.5	15
30	Precise modelling and interpretation of bioactivities of ligands targeting G protein-coupled receptors. Bioinformatics, 2019, 35, i324-i332.	4.1	12
31	Leather–Based Strain Sensor with Hierarchical Structure for Motion Monitoring. Advanced Materials Technologies, 2019, 4, 1900442.	5.8	37
32	Regulation of Cobalt–Nickel LDHs' Structure and Components for Optimizing the Performance of an Electrochemical Sensor. ACS Applied Nano Materials, 2019, 2, 6387-6396.	5.0	33
33	Dual-component LixTiO2@silica functional coating in one layer for performance enhanced LiNi0.6Co0.2Mn0.2O2 cathode. Nano Energy, 2019, 58, 673-679.	16.0	84
34	Wearable Leather-Based Electronics for Respiration Monitoring. ACS Applied Bio Materials, 2019, 2, 1427-1431.	4.6	39
35	Conductive MOF-Modified Separator for Mitigating the Shuttle Effect of Lithium–Sulfur Battery through a Filtration Method. ACS Applied Materials & Interfaces, 2019, 11, 11459-11465.	8.0	141
36	Functional Macro–Microporous Metal–Organic Frameworks for Improving the Catalytic Performance. Small Methods, 2019, 3, 1800547.	8.6	35

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37	Function Prediction for G Protein-Coupled Receptors through Text Mining and Induction Matrix Completion. ACS Omega, 2019, 4, 3045-3054.	3.5	2
38	Repurposed Leather with Sensing Capabilities for Multifunctional Electronic Skin. Advanced Science, 2019, 6, 1801283.	11.2	119
39	Catalyst surfaces with tunable hydrophilicity and hydrophobicity: metal–organic frameworks toward controllable catalytic selectivity. Chemical Communications, 2018, 54, 3936-3939.	4.1	43
40	WDL-RF: predicting bioactivities of ligand molecules acting with G protein-coupled receptors by combining weighted deep learning and random forest. Bioinformatics, 2018, 34, 2271-2282.	4.1	36
41	Stretchable Conductive Fibers Based on a Cracking Control Strategy for Wearable Electronics. Advanced Functional Materials, 2018, 28, 1801683.	14.9	100
42	Compartmentalization within Self–Assembled Metal–Organic Framework Nanoparticles for Tandem Reactions. Advanced Functional Materials, 2018, 28, 1802479.	14.9	55
43	Designing MOFs-Derived FeS_2@Carbon Composites for High-Rate Sodium Ion Storage with Capacitive Contributions. ACS Applied Materials & Interfaces, 2018, 10, 33097-33104.	8.0	126
44	Nearly Pure Red Color Upconversion Luminescence of Ln-Doped Sc_2O_3 with Unexpected RE-MOFs Molecular Alloys as Precursor. Inorganic Chemistry, 2018, 57, 10511-10517.	4.0	8
45	Metal–Organic Framework Derivatives for Improving the Catalytic Activity of the CO Oxidation Reaction. ACS Applied Materials & Interfaces, 2017, 9, 15394-15398.	8.0	53
46	Fabrication of Flexible Transparent Electrode with Enhanced Conductivity from Hierarchical Metal Grids. ACS Applied Materials & Interfaces, 2017, 9, 39110-39115.	8.0	52
47	Anchor graph hashing with semantically consistent graph. , 2016, , .		1
48	Fabrication of a reversible SnS_2/RGO nanocomposite for high performance lithium storage. RSC Advances, 2016, 6, 32414-32421.	3.6	24
49	Anionic and cationic dyes adsorption on porous poly-melamine-formaldehyde polymer. Chemical Engineering Research and Design, 2016, 114, 258-267.	5.6	72
50	Novel Conjugated Ladder-Structured Oligomer Anode with High Lithium Storage and Long Cycling Capability. ACS Applied Materials & Interfaces, 2016, 8, 16932-16938.	8.0	64
51	Employing a Flexible and Low–Cost Polypyrrole Nanotube Membrane as an Anode to Enhance Current Generation in Microbial Fuel Cells. Small, 2015, 11, 3440-3443.	10.0	136
52	Hybrid Conducting Biofilm with Built–in Bacteria for High–Performance Microbial Fuel Cells. ChemElectroChem, 2015, 2, 654-658.	3.4	77
53	NaF-mediated controlled-synthesis of multicolor Na_xScF_{3+x}:Yb/Er upconversion nanocrystals. Nanoscale, 2015, 7, 4048-4054.	5.6	33
54	Nanostructured Conjugated Ladder Polymers for Stable and Fast Lithium Storage Anodes with High–Capacity. Advanced Energy Materials, 2015, 5, 1402189.	19.5	253

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55	Fabrication and physical properties of self-assembled ultralong polymer/small molecule hybrid microstructures. RSC Advances, 2015, 5, 25550-25554.	3.6	13
56	Controlled Synthesis of Uniform Na_xScF_{3+x} Nanopolyhedrons, Nanoplates, Nanorods, and Nanospheres Using Solvents. Crystal Growth and Design, 2015, 15, 2988-2993.	3.0	18
57	Pushing Up Lithium Storage through Nanostructured Polyazaacene Analogues as Anode. Angewandte Chemie - International Edition, 2015, 54, 7354-7358.	13.8	234
58	A cyanine-modified upconversion nanoprobe for NIR-excited imaging of endogenous hydrogen peroxide signaling inÂvivo. Biomaterials, 2015, 54, 34-43.	11.4	75
59	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
60	Text classification based on a novel ensemble multi-label learning method. , 2014, , .		2
61	Reactive Oxygen Species: Rhodamine-Modified Upconversion Nanophosphors for Ratiometric Detection of Hypochlorous Acid in Aqueous Solution and Living Cells (Small 17/2014). Small, 2014, 10, 3592-3592.	10.0	2
62	Investigating thermoelectric properties of doped polyaniline nanowires. Synthetic Metals, 2014, 189, 177-182.	3.9	105
63	Inorganicâ€"organic hybrid polymer with multiple redox for high-density data storage. Chemical Science, 2014, 5, 3404-3408.	7.4	164
64	Polypyrrole nanotube film for flexible thermoelectric application. Synthetic Metals, 2014, 196, 173-177.	3.9	165
65	Rhodamineâ€Modified Upconversion Nanophosphors for Ratiometric Detection of Hypochlorous Acid in Aqueous Solution and Living Cells. Small, 2014, 10, 3560-3567.	10.0	114
66	[4 + 2] Cycloaddition Reaction To Approach Diazatwistpentacenes: Synthesis, Structures, Physical Properties, and Self-assembly. Journal of Organic Chemistry, 2014, 79, 4438-4445.	3.2	72
67	Recognition of microRNA-binding sites in proteins from sequences using Laplacian Support Vector Machines with a hybrid feature. , 2013, , .		0
68	Synthesis of Fe_3O_4/Polyaniline Nanocomposite in Reversed Micelle Systems and its Performance Characteristics. Procedia Engineering, 2012, 27, 664-670.	1.2	25
69	Synthesis of $H_3PW_{12}O_{40}$â€¢xH_2O-doped polyaniline by chemical oxidative polymerization. Procedia Engineering, 2012, 27, 1448-1453.	1.2	1
70	Solution-based synthesis of SnO_2 nanoparticle/CdS nanowire heterostructures. CrystEngComm, 2011, 13, 4580.	2.6	11
71	A novel method for quantitatively predicting non-covalent interactions from protein and nucleic acid sequence. Journal of Molecular Graphics and Modelling, 2011, 31, 28-34.	2.4	6
72	One-dimensional nanowire assembly based on oriented polymer nanofibers. , 2011, , .		0

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73	Prediction of DNA-binding residues in proteins from amino acid sequences using a random forest model with a hybrid feature. Bioinformatics, 2009, 25, 30-35.	4.1	137