

Xiao Li

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

53
papers

929
citations

18
h-index

29
g-index

59
ext. papers

1,206
ext. citations

7.5
avg, IF

4.56
L-index

#	Paper	IF	Citations
53	A Deep Learning Framework for Robust and Accurate Prediction of ncRNA-Protein Interactions Using Evolutionary Information. <i>Molecular Therapy - Nucleic Acids</i> , 2018 , 11, 337-344	10.7	87
52	ACP-DL: A Deep Learning Long Short-Term Memory Model to Predict Anticancer Peptides Using High-Efficiency Feature Representation. <i>Molecular Therapy - Nucleic Acids</i> , 2019 , 17, 1-9	10.7	71
51	Coordination mode engineering in stacked-nanosheet metal-organic frameworks to enhance catalytic reactivity and structural robustness. <i>Nature Communications</i> , 2019 , 10, 2779	17.4	52
50	Double Core-Shell Si@C@SiO for Anode Material of Lithium-Ion Batteries with Excellent Cycling Stability. <i>Chemistry - A European Journal</i> , 2017 , 23, 2165-2170	4.8	51
49	PCVMZM: Using the Probabilistic Classification Vector Machines Model Combined with a Zernike Moments Descriptor to Predict Protein-Protein Interactions from Protein Sequences. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	51
48	In silico prediction of drug-target interaction networks based on drug chemical structure and protein sequences. <i>Scientific Reports</i> , 2017 , 7, 11174	4.9	46
47	General Strategy to Optimize Gas Evolution Reaction via Assembled Striped-Pattern Superlattices. <i>Journal of the American Chemical Society</i> , 2020 , 142, 1857-1863	16.4	42
46	A stable lead halide perovskite nanocrystals protected by PMMA. <i>Science China Materials</i> , 2018 , 61, 363-370	16.4	41
45	Transformations and Roles of Sodium Species with Different Occurrence Modes in Direct Liquefaction of Zhundong Coal from Xinjiang, Northwestern China. <i>Energy & Fuels</i> , 2015 , 29, 5633-5639	4.1	40
44	A High Efficient Biological Language Model for Predicting Protein-Protein Interactions. <i>Cells</i> , 2019 , 8,	7.9	37
43	Detection of Exhaled Volatile Organic Compounds Improved by Hollow Nanocages of Layered Double Hydroxide on Ag Nanowires. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 16523-16527	16.4	32
42	Artificial Antibody with Site-Enhanced Multivalent Aptamers for Specific Capture of Circulating Tumor Cells. <i>Analytical Chemistry</i> , 2019 , 91, 2591-2594	7.8	30
41	Pyridine-imide oligomers. <i>Chemical Communications</i> , 2008 , 2444-6	5.8	24
40	Coal Liquefaction Residues Based Carbon Nanofibers Film Prepared by Electrospinning: An Effective Approach to Coal Waste Management. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 5742-5750	8.3	22
39	Deformable Metal-Organic Framework Nanosheets for Heterogeneous Catalytic Reactions. <i>Journal of the American Chemical Society</i> , 2020 , 142, 9408-9414	16.4	22
38	Correlation between the Combustion Behavior of Brown Coal Char and Its Aromaticity and Pore Structure. <i>Energy & Fuels</i> , 2016 , 30, 3419-3427	4.1	21
37	Hierarchically Multiporous Carbon Nanotube/Co O Composite as an Anode Material for High-Performance Lithium-Ion Batteries. <i>Chemistry - A European Journal</i> , 2018 , 24, 14477-14483	4.8	21

36	Insight into the Effects of Sodium Species with Different Occurrence Modes on the Structural Features of Residues Derived from Direct Liquefaction of Zhundong Coal by Multiple Techniques. <i>Energy & Fuels</i> , 2015 , 29, 7142-7149	4.1	20
35	Antibody-Free Hydrogel with the Synergistic Effect of Cell Imprinting and Boronate Affinity: Toward the Selective Capture and Release of Undamaged Circulating Tumor Cells. <i>Small</i> , 2020 , 16, e1904199	11.99	17
34	Detection of Exhaled Volatile Organic Compounds Improved by Hollow Nanocages of Layered Double Hydroxide on Ag Nanowires. <i>Angewandte Chemie</i> , 2019 , 131, 16675-16679	3.6	15
33	Predicting Protein Interactions Using a Deep Learning Method-Stacked Sparse Autoencoder Combined with a Probabilistic Classification Vector Machine. <i>Complexity</i> , 2018 , 2018, 1-12	1.6	15
32	Cholecystinin from the entorhinal cortex enables neural plasticity in the auditory cortex. <i>Cell Research</i> , 2014 , 24, 307-30	24.7	14
31	Learning distributed representations of RNA and protein sequences and its application for predicting lncRNA-protein interactions. <i>Computational and Structural Biotechnology Journal</i> , 2020 , 18, 20-26	6.8	14
30	A self-assembly strategy for fabricating highly stable silicon/reduced graphene oxide anodes for lithium-ion batteries. <i>New Journal of Chemistry</i> , 2016 , 40, 8961-8968	3.6	14
29	Prediction of protein self-interactions using stacked long short-term memory from protein sequences information. <i>BMC Systems Biology</i> , 2018 , 12, 129	3.5	13
28	Surface sieving coordinated IMAC material for purification of His-tagged proteins. <i>Analytica Chimica Acta</i> , 2018 , 997, 9-15	6.6	11
27	A Metal-Organic Framework Nanosheet-Assembled Frame Film with High Permeability and Stability. <i>Advanced Science</i> , 2020 , 7, 1903180	13.6	10
26	A Metastable Crystalline Phase in Two-Dimensional Metallic Oxide Nanoplates. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 2055-2059	16.4	10
25	Dissolving capability difference based sequential extraction: A versatile tool for in-depth membrane proteome analysis. <i>Analytica Chimica Acta</i> , 2016 , 945, 39-46	6.6	8
24	Heteroatoms in situ-doped hierarchical porous hollow-activated carbons for high-performance supercapacitor. <i>Carbon Letters</i> , 2020 , 30, 331-344	2.3	7
23	Cleavable hydrophobic derivatization strategy for enrichment and identification of phosphorylated lysine peptides. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 4159-4166	4.4	6
22	Site-Specific Quantification of Persulfidome by Combining an Isotope-Coded Affinity Tag with Strong Cation-Exchange-Based Fractionation. <i>Analytical Chemistry</i> , 2019 , 91, 14860-14864	7.8	6
21	Comprehensive Analysis of Protein N-Terminome by Guanidination of Terminal Amines. <i>Analytical Chemistry</i> , 2020 , 92, 567-572	7.8	6
20	Spatial Confinement Tunes Cleavage and Re-Formation of C=N Bonds in Fluorescent Molecules. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 14365-14369	16.4	6
19	Self-assembly of semiconductor nanoparticles toward emergent behaviors on fluorescence. <i>Nano Research</i> , 2021 , 14, 1233-1243	10	6

18	Aptamer functionalized magnetic graphene oxide nanocomposites for highly selective capture of histones. <i>Electrophoresis</i> , 2019 , 40, 2135-2141	3.6	5
17	Isolation and identification of phosphorylated lysine peptides by retention time difference combining dimethyl labeling strategy. <i>Science China Chemistry</i> , 2019 , 62, 708-712	7.9	5
16	A Diverse Data Augmentation Strategy for Low-Resource Neural Machine Translation. <i>Information (Switzerland)</i> , 2020 , 11, 255	2.6	4
15	Mechanical and Tribological Performances Enhanced by Self-Assembled Structures. <i>Advanced Materials</i> , 2020 , 32, e2002004	24	4
14	Construction of the Uyghur Noun Morphological Re-Inflection Model Based on Hybrid Strategy. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 722	2.6	3
13	Glass nanopipette sensing of single entities. <i>Journal of Electroanalytical Chemistry</i> , 2022 , 909, 116106	4.1	3
12	A Metastable Crystalline Phase in Two-Dimensional Metallic Oxide Nanoplates. <i>Angewandte Chemie</i> , 2019 , 131, 2077-2081	3.6	3
11	Multi-Source Neural Model for Machine Translation of Agglutinative Language. <i>Future Internet</i> , 2020 , 12, 96	3.3	2
10	Smart Cutter: An Efficient Strategy for Increasing the Coverage of Chemical Cross-Linking Analysis. <i>Analytical Chemistry</i> , 2020 , 92, 1097-1105	7.8	2
9	Improving Low-Resource Neural Machine Translation With Teacher-Free Knowledge Distillation. <i>IEEE Access</i> , 2020 , 8, 206638-206645	3.5	2
8	Pre-Training on Mixed Data for Low-Resource Neural Machine Translation. <i>Information (Switzerland)</i> , 2021 , 12, 133	2.6	2
7	Hybrid System Combination Framework for Uyghur-Chinese Machine Translation. <i>Information (Switzerland)</i> , 2021 , 12, 98	2.6	2
6	Keeping Models Consistent between Pretraining and Translation for Low-Resource Neural Machine Translation. <i>Future Internet</i> , 2020 , 12, 215	3.3	1
5	Spatial Confinement Tunes Cleavage and Re-Formation of C=N Bonds in Fluorescent Molecules. <i>Angewandte Chemie</i> , 2021 , 133, 14486-14490	3.6	1
4	Confined Assembly of Colloidal Nanorod Superstructures by Locally Controlling Free-volume Entropy in Non-equilibrium Fluids.. <i>Advanced Materials</i> , 2022 , e2202119	24	1
3	Punctuation and Parallel Corpus Based Word Embedding Model for Low-Resource Languages. <i>Information (Switzerland)</i> , 2020 , 11, 24	2.6	
2	Constructing Uyghur Commonsense Knowledge Base by Knowledge Projection. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 3318	2.6	
1	Ethyl {6-[6-(ethoxy-carbon-yl)picolin-amido-carbon-yl]picolinamido-carbon-yl}picolinate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008 , 65, o51		

