

Xiao Li

List of Publications by Year in Descending Order

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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	Glass nanopipette sensing of single entities. <i>Journal of Electroanalytical Chemistry</i> , 2022 , 909, 116106	4.1	3
52	Confined Assembly of Colloidal Nanorod Superstructures by Locally Controlling Free-volume Entropy in Non-equilibrium Fluids.. <i>Advanced Materials</i> , 2022 , e2202119	24	1
51	Pre-Training on Mixed Data for Low-Resource Neural Machine Translation. <i>Information (Switzerland)</i> , 2021 , 12, 133	2.6	2
50	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
49	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
48	Self-assembly of semiconductor nanoparticles toward emergent behaviors on fluorescence. <i>Nano Research</i> , 2021 , 14, 1233-1243	10	6
47	Hybrid System Combination Framework for Uyghur-Chinese Machine Translation. <i>Information (Switzerland)</i> , 2021 , 12, 98	2.6	2
46	Keeping Models Consistent between Pretraining and Translation for Low-Resource Neural Machine Translation. <i>Future Internet</i> , 2020 , 12, 215	3.3	1
45	A Diverse Data Augmentation Strategy for Low-Resource Neural Machine Translation. <i>Information (Switzerland)</i> , 2020 , 11, 255	2.6	4
44	Punctuation and Parallel Corpus Based Word Embedding Model for Low-Resource Languages. <i>Information (Switzerland)</i> , 2020 , 11, 24	2.6	
43	Multi-Source Neural Model for Machine Translation of Agglutinative Language. <i>Future Internet</i> , 2020 , 12, 96	3.3	2
42	A Metal-Organic Framework Nanosheet-Assembled Frame Film with High Permeability and Stability. <i>Advanced Science</i> , 2020 , 7, 1903180	13.6	10
41	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	17
40	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
39	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
38	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
37	Comprehensive Analysis of Protein N-Terminome by Guanidination of Terminal Amines. <i>Analytical Chemistry</i> , 2020 , 92, 567-572	7.8	6

36	Mechanical and Tribological Performances Enhanced by Self-Assembled Structures. <i>Advanced Materials</i> , 2020 , 32, e2002004	24	4
35	Improving Low-Resource Neural Machine Translation With Teacher-Free Knowledge Distillation. <i>IEEE Access</i> , 2020 , 8, 206638-206645	3.5	2
34	Heteroatoms in situ-doped hierarchical porous hollow-activated carbons for high-performance supercapacitor. <i>Carbon Letters</i> , 2020 , 30, 331-344	2.3	7
33	Deformable Metal-Organic Framework Nanosheets for Heterogeneous Catalytic Reactions. <i>Journal of the American Chemical Society</i> , 2020 , 142, 9408-9414	16.4	22
32	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
31	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
30	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
29	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
28	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
27	Aptamer functionalized magnetic graphene oxide nanocomposites for highly selective capture of histones. <i>Electrophoresis</i> , 2019 , 40, 2135-2141	3.6	5
26	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
25	Construction of the Uyghur Noun Morphological Re-Inflection Model Based on Hybrid Strategy. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 722	2.6	3
24	A High Efficient Biological Language Model for Predicting Protein-Protein Interactions. <i>Cells</i> , 2019 , 8,	7.9	37
23	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
22	Constructing Uyghur Commonsense Knowledge Base by Knowledge Projection. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 3318	2.6	
21	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
20	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
19	A Metastable Crystalline Phase in Two-Dimensional Metallic Oxide Nanoplates. <i>Angewandte Chemie</i> , 2019 , 131, 2077-2081	3.6	3

18	A Metastable Crystalline Phase in Two-Dimensional Metallic Oxide Nanoplates. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 2055-2059	16.4	10
17	A stable lead halide perovskite nanocrystals protected by PMMA. <i>Science China Materials</i> , 2018 , 61, 363-370	4.1	41
16	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
15	Surface sieving coordinated IMAC material for purification of His-tagged proteins. <i>Analytica Chimica Acta</i> , 2018 , 997, 9-15	6.6	11
14	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
13	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
12	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
11	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
10	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
9	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
8	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
7	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
6	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
5	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
4	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
3	Cholecystokinin from the entorhinal cortex enables neural plasticity in the auditory cortex. <i>Cell Research</i> , 2014 , 24, 307-30	24.7	14
2	Pyridine-imide oligomers. <i>Chemical Communications</i> , 2008 , 2444-6	5.8	24
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		

