

# Xiao Li

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

1,494  
citations

304743

22  
h-index

330143

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g-index

59  
all docs

59  
docs citations

59  
times ranked

2067  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	5.1	123
2	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.	5.1	116
3	General Strategy to Optimize Gas Evolution Reaction via Assembled Striped-Pattern Superlattices. <i>Journal of the American Chemical Society</i> , 2020, 142, 1857-1863.	13.7	93
4	Coordination mode engineering in stacked-nanosheet metal-organic frameworks to enhance catalytic reactivity and structural robustness. <i>Nature Communications</i> , 2019, 10, 2779.	12.8	89
5	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.	13.8	72
6	Double Core-Shell Si@C@SiO <sub>2</sub> for Anode Material of Lithium-Ion Batteries with Excellent Cycling Stability. <i>Chemistry - A European Journal</i> , 2017, 23, 2165-2170.	3.3	62
7	In silico prediction of drug-target interaction networks based on drug chemical structure and protein sequences. <i>Scientific Reports</i> , 2017, 7, 11174.	3.3	62
8	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, 1029.	4.1	61
9	A High Efficient Biological Language Model for Predicting Protein-Protein Interactions. <i>Cells</i> , 2019, 8, 122.	4.1	56
10	A stable lead halide perovskite nanocrystals protected by PMMA. <i>Science China Materials</i> , 2018, 61, 363-370.	6.3	55
11	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.	2.0	51
12	Deformable Metal-Organic Framework Nanosheets for Heterogeneous Catalytic Reactions. <i>Journal of the American Chemical Society</i> , 2020, 142, 9408-9414.	13.7	50
13	Transformations and Roles of Sodium Species with Different Occurrence Modes in Direct Liquefaction of Zhundong Coal from Xinjiang, Northwestern China. <i>Energy &amp; Fuels</i> , 2015, 29, 5633-5639.	5.1	47
14	Artificial Antibody with Site-Enhanced Multivalent Aptamers for Specific Capture of Circulating Tumor Cells. <i>Analytical Chemistry</i> , 2019, 91, 2591-2594.	6.5	40
15	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.	6.7	39
16	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.	4.1	31
17	Cholecystokinin from the entorhinal cortex enables neural plasticity in the auditory cortex. <i>Cell Research</i> , 2014, 24, 307-330.	12.0	29
18	Correlation between the Combustion Behavior of Brown Coal Char and Its Aromaticity and Pore Structure. <i>Energy &amp; Fuels</i> , 2016, 30, 3419-3427.	5.1	29

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19	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.	10.0	29
20	Pyridine-imide oligomers. <i>Chemical Communications</i> , 2008, , 2444.	4.1	25
21	Hierarchically Multiporous Carbon Nanotube/Co <sub>3</sub> O <sub>4</sub> Composite as an Anode Material for High-Performance Lithium-ion Batteries. <i>Chemistry - A European Journal</i> , 2018, 24, 14477-14483.	3.3	25
22	A Metal-Organic Framework Nanosheet-Assembled Frame Film with High Permeability and Stability. <i>Advanced Science</i> , 2020, 7, 1903180.	11.2	24
23	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 &amp; Fuels</i> , 2015, 29, 7142-7149.	5.1	21
24	Spatial Confinement Tunes Cleavage and Re-Formation of C=N Bonds in Fluorescent Molecules. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14365-14369.	13.8	21
25	A Metastable Crystalline Phase in Two-Dimensional Metallic Oxide Nanoplates. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2055-2059.	13.8	19
26	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	17
27	Prediction of protein self-interactions using stacked long short-term memory from protein sequences information. <i>BMC Systems Biology</i> , 2018, 12, 129.	3.0	17
28	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.	2.8	15
29	Heteroatoms in situ-doped hierarchical porous hollow-activated carbons for high-performance supercapacitor. <i>Carbon Letters</i> , 2020, 30, 331-344.	5.9	15
30	Surface sieving coordinated IMAC material for purification of His-tagged proteins. <i>Analytica Chimica Acta</i> , 2018, 997, 9-15.	5.4	13
31	Dissolving capability difference based sequential extraction: A versatile tool for in-depth membrane proteome analysis. <i>Analytica Chimica Acta</i> , 2016, 945, 39-46.	5.4	11
32	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.	6.5	11
33	Comprehensive Analysis of Protein N-Terminome by Guanidination of Terminal Amines. <i>Analytical Chemistry</i> , 2020, 92, 567-572.	6.5	11
34	Mechanical and Tribological Performances Enhanced by Self-Assembled Structures. <i>Advanced Materials</i> , 2020, 32, e2002004.	21.0	11
35	Self-assembly of semiconductor nanoparticles toward emergent behaviors on fluorescence. <i>Nano Research</i> , 2021, 14, 1233-1243.	10.4	11
36	A Diverse Data Augmentation Strategy for Low-Resource Neural Machine Translation. <i>Information (Switzerland)</i> , 2020, 11, 255.	2.9	9

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37	A Metastable Crystalline Phase in Two-Dimensional Metallic Oxide Nanoplates. <i>Angewandte Chemie</i> , 2019, 131, 2077-2081.	2.0	7
38	Multi-Source Neural Model for Machine Translation of Agglutinative Language. <i>Future Internet</i> , 2020, 12, 96.	3.8	7
39	Glass Nanopipette Sensing of Single Entities. <i>Journal of Electroanalytical Chemistry</i> , 2022, 909, 116106.	3.8	7
40	Selective Removal of Unhydrolyzed Monolinked Peptides from Enriched Crosslinked Peptides To Improve the Coverage of Protein Complex Analysis. <i>Analytical Chemistry</i> , 2022, 94, 3904-3913.	6.5	7
41	Cleavable hydrophobic derivatization strategy for enrichment and identification of phosphorylated lysine peptides. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 4159-4166.	3.7	6
42	Aptamer functionalized magnetic graphene oxide nanocomposites for highly selective capture of histones. <i>Electrophoresis</i> , 2019, 40, 2135-2141.	2.4	6
43	Isolation and identification of phosphorylated lysine peptides by retention time difference combining dimethyl labeling strategy. <i>Science China Chemistry</i> , 2019, 62, 708-712.	8.2	6
44	Smart Cutter: An Efficient Strategy for Increasing the Coverage of Chemical Cross-Linking Analysis. <i>Analytical Chemistry</i> , 2020, 92, 1097-1105.	6.5	6
45	Spatial Confinement Tunes Cleavage and Re-Formation of C=N Bonds in Fluorescent Molecules. <i>Angewandte Chemie</i> , 2021, 133, 14486-14490.	2.0	6
46	Improving Low-Resource Neural Machine Translation With Teacher-Free Knowledge Distillation. <i>IEEE Access</i> , 2020, 8, 206638-206645.	4.2	5
47	Confined Assembly of Colloidal Nanorod Superstructures by Locally Controlling Free-Volume Entropy in Nonequilibrium Fluids. <i>Advanced Materials</i> , 2022, 34, e2202119.	21.0	5
48	All-Ion Monitoring-Directed Low-Abundance Protein Quantification Reveals CALB2 as a Key Promoter in Hepatocellular Carcinoma Metastasis. <i>Analytical Chemistry</i> , 2022, , .	6.5	4
49	Construction of the Uyghur Noun Morphological Re-Inflection Model Based on Hybrid Strategy. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 722.	2.5	3
50	Pre-Training on Mixed Data for Low-Resource Neural Machine Translation. <i>Information (Switzerland)</i> , 2021, 12, 133.	2.9	3
51	Keeping Models Consistent between Pretraining and Translation for Low-Resource Neural Machine Translation. <i>Future Internet</i> , 2020, 12, 215.	3.8	2
52	Hybrid System Combination Framework for Uyghur-Chinese Machine Translation. <i>Information (Switzerland)</i> , 2021, 12, 98.	2.9	2
53	Constructing Uyghur Commonsense Knowledge Base by Knowledge Projection. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 3318.	2.5	1
54	Speech endpoint detection algorithm for Uyghur based on acoustic frequency feature. , 2010, , .		0

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55	Improving adversarial neural machine translation with prior knowledge. , 2017, , .		0
56	Domain adaption based on lda and word embedding in SMT. , 2017, , .		0
57	Punctuation and Parallel Corpus Based Word Embedding Model for Low-Resource Languages. Information (Switzerland), 2020, 11, 24.	2.9	0
58	Ethyl {6-[6-(ethoxycarbonyl)picolinamidocarbonyl]picolinamidocarbonyl}picolinate. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o51-o51.	0.2	0