

# Jing Lu

## List of Publications by Year in descending order

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36  
papers

1,376  
citations

430874

18  
h-index

345221

36  
g-index

38  
all docs

38  
docs citations

38  
times ranked

2143  
citing authors

#	ARTICLE	IF	CITATIONS
1	High performance ambient-air-stable FAPbI <sub>3</sub> perovskite solar cells with molecule-passivated Ruddlesden-Popper/3D heterostructured film. Energy and Environmental Science, 2018, 11, 3358-3366.	30.8	196
2	Compositional Control in 2D Perovskites with Alternating Cations in the Interlayer Space for Photovoltaics with Efficiency over 18%. Advanced Materials, 2019, 31, e1903848.	21.0	171
3	Interfacial Engineering at the 2D/3D Heterojunction for High-Performance Perovskite Solar Cells. Nano Letters, 2019, 19, 7181-7190.	9.1	163
4	Printable CsPbI <sub>3</sub> Perovskite Solar Cells with PCE of 19% via an Additive Strategy. Advanced Materials, 2020, 32, e2001243.	21.0	157
5	Dual-frequency ultrasound effect on structure and properties of sweet potato starch. Starch/Staerke, 2013, 65, 621-627.	2.1	101
6	A hybrid method for prediction and repositioning of drug Anatomical Therapeutic Chemical classes. Molecular BioSystems, 2014, 10, 868.	2.9	70
7	Stable 2D Alternating Cation Perovskite Solar Cells with Power Conversion Efficiency >19% via Solvent Engineering. Solar Rrl, 2021, 5, 2100286.	5.8	45
8	C2ORF40 suppresses breast cancer cell proliferation and invasion through modulating expression of M phase cell cycle genes. Epigenetics, 2013, 8, 571-583.	2.7	42
9	Effective Phase Alignment for 2D Halide Perovskites Incorporating Symmetric Diammonium Ion for Photovoltaics. Advanced Science, 2021, 8, e2001433.	11.2	32
10	Finding Candidate Drugs for Hepatitis C Based on Chemical-Chemical and Chemical-Protein Interactions. PLoS ONE, 2014, 9, e107767.	2.5	31
11	Estimation of acute oral toxicity in rat using local lazy learning. Journal of Cheminformatics, 2014, 6, 26.	6.1	30
12	Identification of new candidate drugs for lung cancer using chemical-chemical interactions, chemical-protein interactions and a K-means clustering algorithm. Journal of Biomolecular Structure and Dynamics, 2016, 34, 906-917.	3.5	30
13	In silico site of metabolism prediction for human UGT-catalyzed reactions. Bioinformatics, 2014, 30, 398-405.	4.1	29
14	Microstructure and lattice strain control towards high-performance ambient green-printed perovskite solar cells. Journal of Materials Chemistry A, 2021, 9, 13297-13305.	10.3	29
15	Estimation of elimination half-lives of organic chemicals in humans using gradient boosting machine. Biochimica Et Biophysica Acta - General Subjects, 2016, 1860, 2664-2671.	2.4	27
16	Formamidinium-based Ruddlesden-Popper perovskite films fabricated via two-step sequential deposition: quantum well formation, physical properties and film-based solar cells. Energy and Environmental Science, 2022, 15, 1144-1155.	30.8	27
17	Identifying potential active components of walnut leaf that action diabetes mellitus through integration of UHPLC-Q-Orbitrap HRMS and network pharmacology analysis. Journal of Ethnopharmacology, 2020, 253, 112659.	4.1	23
18	Andrographolide attenuates oxidative stress injury in cigarette smoke extract exposed macrophages through inhibiting SIRT1/ERK signaling. International Immunopharmacology, 2020, 81, 106230.	3.8	21

#	ARTICLE	IF	CITATIONS
19	Perovskite Solar Cells toward Eco-Friendly Printing. <i>Research</i> , 2021, 2021, 9671892.	5.7	18
20	Estimation of Carcinogenicity Using Molecular Fragments Tree. <i>Journal of Chemical Information and Modeling</i> , 2012, 52, 1994-2003.	5.4	15
21	Prediction of Cancer Drugs by Chemical-Chemical Interactions. <i>PLoS ONE</i> , 2014, 9, e87791.	2.5	14
22	Machine Learning-Based Modeling of Drug Toxicity. <i>Methods in Molecular Biology</i> , 2018, 1754, 247-264.	0.9	14
23	Synthesis and sizing performances of water-soluble polyester based on bis(2-hydroxyethyl) terephthalate derived from depolymerized waste poly(ethylene terephthalate) fabrics. <i>Textile Research Journal</i> , 2019, 89, 572-579.	2.2	11
24	Fragment-based prediction of skin sensitization using recursive partitioning. <i>Journal of Computer-Aided Molecular Design</i> , 2011, 25, 885-893.	2.9	10
25	Integration of multiscale molecular modeling approaches with the design and discovery of fusidic acid derivatives. <i>Future Medicinal Chemistry</i> , 2019, 11, 1427-1442.	2.3	10
26	The Use of Gene Ontology Term and KEGG Pathway Enrichment for Analysis of Drug Half-Life. <i>PLoS ONE</i> , 2016, 11, e0165496.	2.5	9
27	Cycloartane triterpene glycosides from rhizomes of <i>Cimicifuga foetida</i> L. with lipid-lowering activity on 3T3-L1 adipocytes. <i>FA-toterap-Å-Åç</i> , 2020, 145, 104635.	2.2	8
28	Synthesis, antifungal activity and potential mechanism of fusidic acid derivatives possessing amino-terminal groups. <i>Future Medicinal Chemistry</i> , 2020, 12, 763-774.	2.3	8
29	Benzothiazole Amides as TRPC3/6 Inhibitors for Gastric Cancer Treatment. <i>ACS Omega</i> , 2021, 6, 9196-9203.	3.5	8
30	Nitrification mainly driven by ammonia-oxidizing bacteria and nitrite-oxidizing bacteria in an anammox-inoculated wastewater treatment system. <i>AMB Express</i> , 2021, 11, 158.	3.0	7
31	Operational spectrum reconstruction of data from the Fourier transform hyperspectral imager onboard HJ-1A satellite. <i>Science Bulletin</i> , 2010, 55, 1808-1812.	1.7	6
32	Analysis of A Drug Target-based Classification System using Molecular Descriptors. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2016, 19, 129-135.	1.1	4
33	An integrated approach for identifying the efficacy and potential mechanisms of TCM against atherosclerosis—Wu-Zhu-Yu decoction as a case study. <i>Journal of Ethnopharmacology</i> , 2022, 296, 115436.	4.1	4
34	No dead-time modulation algorithm for an off-grid inverter based on H6 topology. <i>IET Power Electronics</i> , 2018, 11, 576-584.	2.1	3
35	A computational method for the identification of candidate drugs for non-small cell lung cancer. <i>PLoS ONE</i> , 2017, 12, e0183411.	2.5	1
36	High content of hydrogenated pyridinic-N in a SnO <sub>2</sub> /NGO heterogeneous material as an ultra-high sensitivity formaldehyde sensor. <i>Materials Advances</i> , 0, , .	5.4	0