

# Lin Yang

## List of Publications by Year in descending order

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190  
papers

8,719  
citations

47006

47  
h-index

54911

84  
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192  
all docs

192  
docs citations

192  
times ranked

12013  
citing authors

#	ARTICLE	IF	CITATIONS
1	Membrane Pores Induced by Magainin. <i>Biochemistry</i> , 1996, 35, 13723-13728.	2.5	743
2	Biomimetic Isotropic Nanostructures for Structural Coloration. <i>Advanced Materials</i> , 2010, 22, 2939-2944.	21.0	345
3	A preliminary estimate of human and natural contributions to the changes in water discharge and sediment load in the Yellow River. <i>Global and Planetary Change</i> , 2011, 76, 196-205.	3.5	284
4	Observation of a Membrane Fusion Intermediate Structure. <i>Science</i> , 2002, 297, 1877-1879.	12.6	280
5	Experimental Evidence for Hydrophobic Matching and Membrane-Mediated Interactions in Lipid Bilayers Containing Gramicidin. <i>Biophysical Journal</i> , 1999, 76, 937-945.	0.5	261
6	Structure of transmembrane pore induced by Bax-derived peptide: Evidence for lipidic pores. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 17379-17383.	7.1	197
7	Membrane Thinning Effect of the $\beta$ -Sheet Antimicrobial Protegrin. <i>Biochemistry</i> , 2000, 39, 139-145.	2.5	185
8	Comparisons of the biodistribution and toxicological examinations after repeated intravenous administration of silver and gold nanoparticles in mice. <i>Scientific Reports</i> , 2017, 7, 3303.	3.3	163
9	Size dependent biodistribution and toxicokinetics of iron oxide magnetic nanoparticles in mice. <i>Nanoscale</i> , 2015, 7, 625-636.	5.6	139
10	Comprehensive Computational Pathological Image Analysis Predicts Lung Cancer Prognosis. <i>Journal of Thoracic Oncology</i> , 2017, 12, 501-509.	1.1	138
11	Development and Validation of a Nomogram Prognostic Model for SCLC Patients. <i>Journal of Thoracic Oncology</i> , 2018, 13, 1338-1348.	1.1	138
12	Tunable Crystal Nanostructures of Pentacene Thin Films on Gate Dielectrics Possessing Surface-Order Control. <i>Advanced Functional Materials</i> , 2008, 18, 1363-1370.	14.9	135
13	Structure of the Alamethicin Pore Reconstructed by X-Ray Diffraction Analysis. <i>Biophysical Journal</i> , 2008, 94, 3512-3522.	0.5	133
14	Mapping soil organic matter using the topographic wetness index: A comparative study based on different flow-direction algorithms and kriging methods. <i>Ecological Indicators</i> , 2010, 10, 610-619.	6.3	132
15	Topology optimization against cascading failures on wireless sensor networks using a memetic algorithm. <i>Computer Networks</i> , 2020, 177, 107327.	5.1	132
16	Peptidomimetic targeting of critical androgen receptor-coregulator interactions in prostate cancer. <i>Nature Communications</i> , 2013, 4, 1923.	12.8	125
17	Theoretical Analysis of Hydrophobic Matching and Membrane-Mediated Interactions in Lipid Bilayers Containing Gramicidin. <i>Biophysical Journal</i> , 1999, 76, 3176-3185.	0.5	123
18	The Relation Between Collagen Fibril Kinematics and Mechanical Properties in the Mitral Valve Anterior Leaflet. <i>Journal of Biomechanical Engineering</i> , 2007, 129, 78-87.	1.3	108

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19	Electrostatic Self-Assembly of Oppositely Charged Copolymers and Surfactants: A Light, Neutron, and X-ray Scattering Study. <i>Macromolecules</i> , 2004, 37, 4922-4930.	4.8	107
20	Understanding long-term variations of meteorological influences on ground ozone concentrations in Beijing During 2006–2016. <i>Environmental Pollution</i> , 2019, 245, 29-37.	7.5	101
21	Interaction of Antimicrobial Peptides with Lipopolysaccharides. <i>Biochemistry</i> , 2003, 42, 12251-12259.	2.5	100
22	Evaluating the regional strategy for air quality improvement during two air pollution alerts in Beijing: variations in PM <sub>2.5</sub> concentrations, source apportionment, and the relative contribution of local emission and regional transport. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 6879-6891.	4.9	100
23	Evidence of Cholesterol Accumulated in High Curvature Regions: Implication to the Curvature Elastic Energy for Lipid Mixtures. <i>Biophysical Journal</i> , 2007, 92, 2819-2830.	0.5	99
24	Genistein inhibits the stemness properties of prostate cancer cells through targeting Hedgehog–Gli1 pathway. <i>Cancer Letters</i> , 2012, 323, 48-57.	7.2	98
25	Mapping soil organic matter concentration at different scales using a mixed geographically weighted regression method. <i>Geoderma</i> , 2016, 281, 69-82.	5.1	90
26	New Phases of Phospholipids and Implications to the Membrane Fusion Problem. <i>Biochemistry</i> , 2003, 42, 6631-6635.	2.5	89
27	Study and characterization of tobacco mosaic virus head-to-tail assembly assisted by aniline polymerization. <i>Chemical Communications</i> , 2006, , 3019.	4.1	82
28	A comparative study of an expert knowledge-based model and two data-driven models for landslide susceptibility mapping. <i>Catena</i> , 2018, 166, 317-327.	5.0	81
29	Construction of membership functions for predictive soil mapping under fuzzy logic. <i>Geoderma</i> , 2010, 155, 164-174.	5.1	80
30	Molecular orientation of collagen in intact planar connective tissues under biaxial stretch. <i>Acta Biomaterialia</i> , 2005, 1, 45-54.	8.3	79
31	Understanding the causal influence of major meteorological factors on ground ozone concentrations across China. <i>Journal of Cleaner Production</i> , 2020, 242, 118498.	9.3	79
32	LCE: an open web portal to explore gene expression and clinical associations in lung cancer. <i>Oncogene</i> , 2019, 38, 2551-2564.	5.9	78
33	Comprehensive analysis of lung cancer pathology images to discover tumor shape and boundary features that predict survival outcome. <i>Scientific Reports</i> , 2018, 8, 10393.	3.3	77
34	Updating Conventional Soil Maps through Digital Soil Mapping. <i>Soil Science Society of America Journal</i> , 2011, 75, 1044-1053.	2.2	76
35	Comparison of the presence-only method and presence-absence method in landslide susceptibility mapping. <i>Catena</i> , 2018, 171, 222-233.	5.0	75
36	Size dependent effect of ZnO nanoparticles on endoplasmic reticulum stress signaling pathway in murine liver. <i>Journal of Hazardous Materials</i> , 2016, 317, 119-126.	12.4	74

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37	Quantifying influences of natural and anthropogenic factors on vegetation changes using structural equation modeling: A case study in Jiangsu Province, China. <i>Journal of Cleaner Production</i> , 2021, 280, 124330.	9.3	69
38	Disrupting Androgen Receptor Signaling Induces Snail-Mediated Epithelial-Mesenchymal Plasticity in Prostate Cancer. <i>Cancer Research</i> , 2017, 77, 3101-3112.	0.9	68
39	ConvPath: A software tool for lung adenocarcinoma digital pathological image analysis aided by a convolutional neural network. <i>EBioMedicine</i> , 2019, 50, 103-110.	6.1	66
40	SARS CoV Main Proteinase: The Monomer-Dimer Equilibrium Dissociation Constant. <i>Biochemistry</i> , 2006, 45, 14632-14641.	2.5	64
41	Streamflow changes and its influencing factors in the mainstream of the Songhua River basin, Northeast China over the past 50 years. <i>Environmental Earth Sciences</i> , 2011, 63, 489-499.	2.7	64
42	Evaluation of the 7th and 8th editions of the AJCC/UICC TNM staging systems for lung cancer in a large North American cohort. <i>Oncotarget</i> , 2017, 8, 66784-66795.	1.8	63
43	A circulating non-coding RNA panel as an early detection predictor of non-small cell lung cancer. <i>Life Sciences</i> , 2016, 151, 235-242.	4.3	59
44	Global Structure Changes Associated with Ca <sup>2+</sup> Activation of Full-length Human Plasma Gelsolin. <i>Journal of Biological Chemistry</i> , 2007, 282, 25884-25892.	3.4	53
45	Improving prediction of soil organic carbon content in croplands using phenological parameters extracted from NDVI time series data. <i>Soil and Tillage Research</i> , 2020, 196, 104465.	5.6	53
46	Slug, a Unique Androgen-Regulated Transcription Factor, Coordinates Androgen Receptor to Facilitate Castration Resistance in Prostate Cancer. <i>Molecular Endocrinology</i> , 2012, 26, 1496-1507.	3.7	51
47	Supramolecular Structures of Peptide Assemblies in Membranes by Neutron Off-Plane Scattering: Method of Analysis. <i>Biophysical Journal</i> , 1999, 77, 2648-2656.	0.5	50
48	Biomolecular solution X-ray scattering at the National Synchrotron Light Source. <i>Journal of Synchrotron Radiation</i> , 2011, 18, 41-44.	2.4	50
49	Soil organic carbon prediction using phenological parameters and remote sensing variables generated from Sentinel-2 images. <i>Catena</i> , 2021, 205, 105442.	5.0	49
50	Two States of Cyclic Antimicrobial Peptide RTD-1 in Lipid Bilayers. <i>Biochemistry</i> , 2002, 41, 10070-10076.	2.5	47
51	Rapid and accurate detection of viable <i>Escherichia coli</i> O157:H7 in milk using a combined IMS, sodium deoxycholate, PMA and real-time quantitative PCR process. <i>Food Control</i> , 2014, 36, 119-125.	5.5	47
52	Acute toxicity of quantum dots on late pregnancy mice: Effects of nanoscale size and surface coating. <i>Journal of Hazardous Materials</i> , 2016, 318, 61-69.	12.4	46
53	Central Role for PELP1 in Nonandrogenic Activation of the Androgen Receptor in Prostate Cancer. <i>Molecular Endocrinology</i> , 2012, 26, 550-561.	3.7	45
54	Wait-and-see treatment strategies for rectal cancer patients with clinical complete response after neoadjuvant chemoradiotherapy: a systematic review and meta-analysis. <i>Oncotarget</i> , 2016, 7, 44857-44870.	1.8	45

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55	Innovative preclinical models for pulmonary drug delivery research. <i>Expert Opinion on Drug Delivery</i> , 2020, 17, 463-478.	5.0	45
56	Effect of MnSO <sub>4</sub> on the Removal of SO <sub>2</sub> by Manganese-Modified Activated Coke. <i>Industrial &amp; Engineering Chemistry Research</i> , 2015, 54, 1689-1696.	3.7	43
57	The de-ubiquitinase UCHL1 promotes gastric cancer metastasis via the Akt and Erk1/2 pathways. <i>Tumor Biology</i> , 2015, 36, 8379-8387.	1.8	42
58	People-Centric Cognitive Internet of Things for the Quantitative Analysis of Environmental Exposure. <i>IEEE Internet of Things Journal</i> , 2018, 5, 2353-2366.	8.7	42
59	Three-Dimensional Quantitative Co-Mapping of Pulmonary Morphology and Nanoparticle Distribution with Cellular Resolution in Nondissected Murine Lungs. <i>ACS Nano</i> , 2019, 13, 1029-1041.	14.6	42
60	Evaluating the Accessibility of Healthcare Facilities Using an Integrated Catchment Area Approach. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2051.	2.6	41
61	Stretchable Human Machine Interface Based on Smart Glove Embedded With PDMS-CB Strain Sensors. <i>IEEE Sensors Journal</i> , 2020, 20, 8073-8081.	4.7	41
62	Cyclic Regeneration of Pyrolusite-Modified Activated Coke by Blending Method for Flue Gas Desulfurization. <i>Energy &amp; Fuels</i> , 2017, 31, 4556-4564.	5.1	40
63	Evolution of Bioengineered Lung Models: Recent Advances and Challenges in Tissue Mimicry for Studying the Role of Mechanical Forces in Cell Biology. <i>Advanced Functional Materials</i> , 2019, 29, 1903114.	14.9	40
64	Vancomycin Forms Ligand-Mediated Supramolecular Complexes. <i>Journal of Molecular Biology</i> , 2009, 385, 200-211.	4.2	38
65	Potassium Uptake and Transport in Apple Roots Under Drought Stress. <i>Horticultural Plant Journal</i> , 2019, 5, 10-16.	5.0	38
66	A citizen data-based approach to predictive mapping of spatial variation of natural phenomena. <i>International Journal of Geographical Information Science</i> , 2015, 29, 1864-1886.	4.8	37
67	Predicting soil organic carbon content in croplands using crop rotation and Fourier transform decomposed variables. <i>Geoderma</i> , 2019, 340, 289-302.	5.1	36
68	Ten challenges for the future of pedometrics. <i>Geoderma</i> , 2021, 401, 115155.	5.1	35
69	Solution scattering at the Life Science X-ray Scattering (LiX) beamline. <i>Journal of Synchrotron Radiation</i> , 2020, 27, 804-812.	2.4	35
70	Detection of ALK translocation in non-small cell lung carcinoma (NSCLC) and its clinicopathological significance using the Ventana immunohistochemical staining method: a single-center large-scale investigation of 1,504 Chinese Han patient. <i>Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association</i> , Beijing Institute for Cancer Research, 2016, 28, 495-502.	2.2	35
71	Using an in-vacuum CCD detector for simultaneous small- and wide-angle scattering at beamline X9. <i>Journal of Synchrotron Radiation</i> , 2013, 20, 211-218.	2.4	34
72	On the Applicability of Temperature and Precipitation Data from CMIP3 for China. <i>PLoS ONE</i> , 2012, 7, e44659.	2.5	34

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73	Quantum dots cause acute systemic toxicity in lactating rats and growth restriction of offspring. <i>Nanoscale</i> , 2018, 10, 11564-11577.	5.6	33
74	Spatiotemporal causal convolutional network for forecasting hourly PM2.5 concentrations in Beijing, China. <i>Computers and Geosciences</i> , 2021, 155, 104869.	4.2	33
75	Synthesis and characterization of bionanoparticleâ€™Silica composites and mesoporous silica with large pores. <i>Nano Research</i> , 2009, 2, 474-483.	10.4	32
76	Automatic extraction of cell nuclei from H&E-stained histopathological images. <i>Journal of Medical Imaging</i> , 2017, 4, 027502.	1.5	32
77	Microvessel prediction in H&E Stained Pathology Images using fully convolutional neural networks. <i>BMC Bioinformatics</i> , 2018, 19, 64.	2.6	32
78	Chain Packing in the Inverted Hexagonal Phase of Phospholipids: A Study by X-ray Anomalous Diffraction on Bromine-labeled Chains. <i>Journal of the American Chemical Society</i> , 2006, 128, 3800-3807.	13.7	31
79	A self-training semi-supervised machine learning method for predictive mapping of soil classes with limited sample data. <i>Geoderma</i> , 2021, 384, 114809.	5.1	31
80	Multiscale deconstruction of molecular architecture in corn stover. <i>Scientific Reports</i> , 2014, 4, 3756.	3.3	30
81	Raman spectroscopy as a potential diagnostic tool to analyse biochemical alterations in lung cancer. <i>Analyst</i> , The, 2020, 145, 385-392.	3.5	30
82	Evaluation of conditioned Latin hypercube sampling for soil mapping based on a machine learning method. <i>Geoderma</i> , 2020, 369, 114337.	5.1	30
83	Strong graphene oxide nanocomposites from aqueous hybrid liquid crystals. <i>Nature Communications</i> , 2020, 11, 830.	12.8	30
84	Spatio-temporal variability of streamflow in the Yellow River: possible causes and implications. <i>Hydrological Sciences Journal</i> , 2012, 57, 1355-1367.	2.6	29
85	Mapping soil salinity using a similarity-based prediction approach: A case study in Huanghe River Delta, China. <i>Chinese Geographical Science</i> , 2015, 25, 283-294.	3.0	29
86	Regional Soil Mapping Using Multi-Grade Representative Sampling and a Fuzzy Membership-Based Mapping Approach. <i>Pedosphere</i> , 2017, 27, 344-357.	4.0	29
87	Distorted Hexagonal Phase Studied by Neutron Diffraction: Lipid Components Demixed in a Bent Monolayer. <i>Langmuir</i> , 2005, 21, 203-210.	3.5	28
88	In vivo Dynamic Phase-Contrast X-ray Imaging using a Compact Light Source. <i>Scientific Reports</i> , 2018, 8, 6788.	3.3	28
89	CT diagnosis of pleural and stromal invasion in malignant subpleural pure ground-glass nodules: an exploratory study. <i>European Radiology</i> , 2019, 29, 279-286.	4.5	28
90	Identification of representative samples from existing samples for digital soil mapping. <i>Geoderma</i> , 2018, 311, 109-119.	5.1	27

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91	Visualizing treatment delivery and deposition in mouse lungs using in vivo x-ray imaging. <i>Journal of Controlled Release</i> , 2019, 307, 282-291.	9.9	27
92	Tunable Thin-Film Crystalline Structures and Field-Effect Mobility of Oligofluorene- <i>Thiophene</i> Derivatives. <i>Chemistry of Materials</i> , 2007, 19, 5882-5889.	6.7	26
93	Purposive Sampling for Digital Soil Mapping for Areas with Limited Data. , 2008, , 233-245.		25
94	An heuristic uncertainty directed field sampling design for digital soil mapping. <i>Geoderma</i> , 2016, 267, 123-136.	5.1	25
95	Aging Susceptibility of Terrace-Like Pentacene Films. <i>Journal of Physical Chemistry C</i> , 2008, 112, 16161-16165.	3.1	24
96	Formation of Thick, Large-Area Nanoparticle Superlattices in Lithographically Defined Geometries. <i>Nano Letters</i> , 2010, 10, 1517-1521.	9.1	24
97	Structure and interaction in 2D assemblies of tobacco mosaic viruses. <i>Soft Matter</i> , 2009, 5, 4951.	2.7	22
98	Effect of steam and CO <sub>2</sub> activation on characteristics and desulfurization performance of pyrolusite modified activated carbon. <i>Adsorption</i> , 2016, 22, 1099-1107.	3.0	22
99	Machine-Learning Variables at Different Scales vs. Knowledge-Based Variables for Mapping Multiple Soil Properties. <i>Soil Science Society of America Journal</i> , 2018, 82, 645-656.	2.2	22
100	The interactive effects of elevation, precipitation and lithology on karst rainfall and runoff erosivity. <i>Catena</i> , 2021, 207, 105588.	5.0	22
101	Systematic approach to electrostatically induced 2D crystallization of nanoparticles at liquid interfaces. <i>Soft Matter</i> , 2011, 7, 939-945.	2.7	21
102	Alterations in Collagen and Mineral Nanostructure Observed in Osteoporosis and Pharmaceutical Treatments Using Simultaneous Small- and Wide-Angle X-ray Scattering. <i>Calcified Tissue International</i> , 2014, 95, 446-456.	3.1	21
103	Multimodal Precision Imaging of Pulmonary Nanoparticle Delivery in Mice: Dynamics of Application, Spatial Distribution, and Dosimetry. <i>Small</i> , 2019, 15, e1904112.	10.0	21
104	Responses to crizotinib in patients with <i>ALK</i> -positive lung adenocarcinoma who tested immunohistochemistry (IHC)-positive and fluorescence <i>in situ</i> hybridization (FISH)-negative. <i>Oncotarget</i> , 2016, 7, 64410-64420.	1.8	21
105	Sensitivity of digital soil maps based on FCM to the fuzzy exponent and the number of clusters. <i>Geoderma</i> , 2012, 171-172, 24-34.	5.1	20
106	Association of anti-sperm antibodies with chronic prostatitis: A systematic review and meta-analysis. <i>Journal of Reproductive Immunology</i> , 2016, 118, 85-91.	1.9	20
107	Evaluation of Integrative Hierarchical Stepwise Sampling for Digital Soil Mapping. <i>Soil Science Society of America Journal</i> , 2016, 80, 637-651.	2.2	19
108	Type and case volume of health care facility influences survival and surgery selection in cases with early-stage non-small cell lung cancer. <i>Cancer</i> , 2019, 125, 4252-4259.	4.1	19



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109	Interpretation of solution scattering data from lipid nanodiscs. <i>Journal of Applied Crystallography</i> , 2018, 51, 157-166.	4.5	19
110	Crystal growth in alumina/poly(ethylene terephthalate) nanocomposite films. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2007, 45, 747-757.	2.1	18
111	Amphipol-Trapped ExbB ExbD Membrane Protein Complex from <i>Escherichia coli</i> : A Biochemical and Structural Case Study. <i>Journal of Membrane Biology</i> , 2014, 247, 1005-1018.	2.1	18
112	The effects of metal oxide blended activated coke on flue gas desulphurization. <i>RSC Advances</i> , 2016, 6, 55135-55143.	3.6	18
113	Construction of Membership Functions for Soil Mapping using the Partial Dependence of Soil on Environmental Covariates Calculated by Random Forest. <i>Soil Science Society of America Journal</i> , 2017, 81, 341-353.	2.2	18
114	Soft Wrist-Worn Multi-Functional Sensor Array for Real-Time Hand Gesture Recognition. <i>IEEE Sensors Journal</i> , 2022, 22, 17505-17514.	4.7	18
115	Enhanced antimicrobial activity of silver nanoparticles of <i>Lonicera Japonica</i> Thunb combo. <i>IET Nanobiotechnology</i> , 2016, 10, 28-32.	3.8	17
116	The impact of rainfall magnitude on the performance of digital soil mapping over low-relief areas using a land surface dynamic feedback method. <i>Ecological Indicators</i> , 2017, 72, 297-309.	6.3	17
117	Overexpression of S100A14 contributes to malignant progression and predicts poor prognosis of lung adenocarcinoma. <i>Thoracic Cancer</i> , 2018, 9, 827-835.	1.9	17
118	ANFIS fusion algorithm for eye movement recognition via soft multi-functional electronic skin. <i>Information Fusion</i> , 2021, 71, 99-108.	19.1	17
119	The life science x-ray scattering beamline at NSLS-II. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	16
120	Main bronchus location is a predictor for metastasis and prognosis in lung adenocarcinoma: A large cohort analysis. <i>Lung Cancer</i> , 2018, 120, 22-26.	2.0	16
121	Suitability of pyrolusite as additive to activated coke for low-temperature NO removal. <i>Journal of Chemical Technology and Biotechnology</i> , 2018, 93, 690-697.	3.2	16
122	Spread through air spaces predicts a worse survival in patients with stage I adenocarcinomas $\geq 2$ cm after radical lobectomy. <i>Journal of Thoracic Disease</i> , 2018, 10, 5308-5317.	1.4	16
123	Mapping soil organic carbon using auxiliary environmental covariates in a typical watershed in the Loess Plateau of China: a comparative study based on three kriging methods and a soil land inference model (SoLIM). <i>Environmental Earth Sciences</i> , 2015, 73, 239-251.	2.7	15
124	Clinical features and treatment of patients with lung adenocarcinoma with bone marrow metastasis. <i>Tumori</i> , 2019, 105, 388-393.	1.1	15
125	Effects of SGLT2 inhibitors on haematocrit and haemoglobin levels and the associated cardiorenal benefits in T2DM patients: A meta-analysis. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 540-547.	3.6	15
126	Method of X-Ray Anomalous Diffraction for Lipid Structures. <i>Biophysical Journal</i> , 2006, 91, 736-743.	0.5	14



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127	Effect of long-term partial bladder outlet obstruction on caldesmon isoforms and their correlation with contractile function. <i>Acta Pharmacologica Sinica</i> , 2008, 29, 600-605.	6.1	14
128	Effects of surface ligand density on lipid-monolayer-mediated 2D assembly of proteins. <i>Soft Matter</i> , 2010, 6, 1513.	2.7	14
129	Physicochemical characteristics and desulphurization activity of pyrolusite-blended activated coke. <i>Environmental Technology (United Kingdom)</i> , 2015, 36, 2847-2854.	2.2	14
130	Understanding the spatial-temporal variation of human footprint in Jiangsu Province, China, its anthropogenic and natural drivers and potential implications. <i>Scientific Reports</i> , 2020, 10, 13316.	3.3	14
131	Crystallization, structural diversity and anisotropy effects in 2D arrays of icosahedral viruses. <i>Soft Matter</i> , 2013, 9, 9633.	2.7	13
132	Effect of dexmedetomidine on plasma brain-derived neurotrophic factor: A double-blind, randomized and placebo-controlled study. <i>Upsala Journal of Medical Sciences</i> , 2013, 118, 235-239.	0.9	13
133	Development of an immunomagnetic separation-propidium monoazide-polymerase chain reaction assay with internal amplification control for rapid and sensitive detection of viable <i>Escherichia coli</i> O157:H7 in milk. <i>International Dairy Journal</i> , 2014, 34, 280-286.	3.0	13
134	Accounting for access costs in validation of soil maps: A comparison of design-based sampling strategies. <i>Geoderma</i> , 2018, 315, 160-169.	5.1	13
135	Intraoperative frozen section for identifying the invasion status of lung adenocarcinoma: A systematic review and meta-analysis. <i>International Journal of Surgery</i> , 2019, 72, 175-184.	2.7	13
136	Molecular recognition of a host protein by NS1 of pandemic and seasonal influenza A viruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 6550-6558.	7.1	13
137	Soft Bimodal Sensor Array Based on Conductive Hydrogel for Driving Status Monitoring. <i>Sensors</i> , 2020, 20, 1641.	3.8	13
138	A deep learning method to predict soil organic carbon content at a regional scale using satellite-based phenology variables. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021, 102, 102428.	2.8	13
139	Prognostic factors in curatively resected pathological stage I lung adenocarcinoma. <i>Journal of Thoracic Disease</i> , 2017, 9, 5267-5277.	1.4	12
140	Surface modification affect the biodistribution and toxicity characteristics of iron oxide magnetic nanoparticles in rats. <i>IET Nanobiotechnology</i> , 2018, 12, 562-568.	3.8	12
141	CdSe/ZnS Quantum Dots Impaired the First Two Generations of Placenta Growth in an Animal Model, Based on the Shh Signaling Pathway. <i>Nanomaterials</i> , 2019, 9, 257.	4.1	12
142	A graded proportion method of training sample selection for updating conventional soil maps. <i>Geoderma</i> , 2020, 357, 113939.	5.1	11
143	Predictive mapping with small field sample data using semi-supervised machine learning. <i>Transactions in GIS</i> , 2020, 24, 315-331.	2.3	11
144	Scanning structural mapping at the Life Science X-ray Scattering Beamline. <i>Journal of Synchrotron Radiation</i> , 2022, 29, 540-548.	2.4	11

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145	Role of electrostatic interactions in two-dimensional self-assembly of tobacco mosaic viruses on cationic lipid monolayers. <i>Journal of Colloid and Interface Science</i> , 2011, 358, 497-505.	9.4	10
146	Structural Insights into the Assembly and Shape of Type III Restrictionâ€“Modification (Râ€“M) EcoP15I Complex by Small-Angle X-ray Scattering. <i>Journal of Molecular Biology</i> , 2012, 420, 261-268.	4.2	10
147	Refining internal bilayer structure of bicelles resolved by extended-q small angle X-ray scattering. <i>Chemistry and Physics of Lipids</i> , 2020, 231, 104945.	3.2	10
148	Soil property mapping by combining spatial distance information into the Soil Land Inference Model (SoLIM). <i>Pedosphere</i> , 2021, 31, 638-644.	4.0	10
149	Diffraction Techniques for Nonlamellar Phases of Phospholipids. <i>Langmuir</i> , 2004, 20, 9262-9269.	3.5	9
150	Temperature-Dependent Pentacene Nanostructures on Hydrophobic Gate-Dielectrics Correlated with Charge Carrier Mobilities. <i>Journal of Physical Chemistry C</i> , 2007, 111, 12508-12511.	3.1	9
151	Tools for supporting solution scattering during the COVID-19 pandemic. <i>Journal of Synchrotron Radiation</i> , 2021, 28, 1237-1244.	2.4	9
152	Overexpression of mutant EGFR protein indicates a better survival benefit from EGFR-TKI therapy in non-small cell lung cancer. <i>Oncotarget</i> , 2016, 7, 52862-52869.	1.8	9
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