

Feng Li

List of Publications by Year in descending order

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111
papers

5,615
citations

117625

34
h-index

102487

66
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111
all docs

111
docs citations

111
times ranked

9156
citing authors

#	ARTICLE	IF	CITATIONS
1	CellMarker: a manually curated resource of cell markers in human and mouse. <i>Nucleic Acids Research</i> , 2019, 47, D721-D728.	14.5	856
2	Efficient radical-based light-emitting diodes with doublet emission. <i>Nature</i> , 2018, 563, 536-540.	27.8	453
3	TIP: A Web Server for Resolving Tumor Immunophenotype Profiling. <i>Cancer Research</i> , 2018, 78, 6575-6580.	0.9	356
4	Single crystal hybrid perovskite field-effect transistors. <i>Nature Communications</i> , 2018, 9, 5354.	12.8	255
5	A Feedforward Mechanism Mediated by Mechanosensitive Ion Channel PIEZO1 and Tissue Mechanics Promotes Glioma Aggression. <i>Neuron</i> , 2018, 100, 799-815.e7.	8.1	241
6	Bottom-Up Confined Synthesis of Nanorod-in-Nanotube Structured Sb@NC for Durable Lithium and Sodium Storage. <i>Advanced Energy Materials</i> , 2018, 8, 1703237.	19.5	192
7	Exceptional supercapacitor performance from optimized oxidation of graphene-oxide. <i>Energy Storage Materials</i> , 2019, 17, 12-21.	18.0	135
8	The genome of broomcorn millet. <i>Nature Communications</i> , 2019, 10, 436.	12.8	130
9	Cancer-cell-secreted CXCL11 promoted CD8+ T cells infiltration through docetaxel-induced-release of HMGB1 in NSCLC. , 2019, 7, 42.		122
10	Modular engineering to increase intracellular NAD(H ⁺) promotes rate of extracellular electron transfer of <i>Shewanella oneidensis</i> . <i>Nature Communications</i> , 2018, 9, 3637.	12.8	116
11	Roles of TRPA1 and TRPV1 in cigarette smoke -induced airway epithelial cell injury model. <i>Free Radical Biology and Medicine</i> , 2019, 134, 229-238.	2.9	103
12	Enzyme-Assisted Microbial Electrosynthesis of Poly(3-hydroxybutyrate) via CO ₂ Bioreduction by Engineered <i>Ralstonia eutropha</i> . <i>ACS Catalysis</i> , 2018, 8, 4429-4437.	11.2	95
13	Unbalanced YAP-SOX9 circuit drives stemness and malignant progression in esophageal squamous cell carcinoma. <i>Oncogene</i> , 2019, 38, 2042-2055.	5.9	79
14	Roles of mitochondrial ROS and NLRP3 inflammasome in multiple ozone-induced lung inflammation and emphysema. <i>Respiratory Research</i> , 2018, 19, 230.	3.6	77
15	CRISPR-sRNA: Transcriptional-Translational Regulation of Extracellular Electron Transfer in <i>Shewanella oneidensis</i> . <i>ACS Synthetic Biology</i> , 2017, 6, 1679-1690.	3.8	76
16	Modular Engineering Intracellular NADH Regeneration Boosts Extracellular Electron Transfer of <i>Shewanella oneidensis</i> MR-1. <i>ACS Synthetic Biology</i> , 2018, 7, 885-895.	3.8	74
17	Pan-genome of cultivated pepper (<i>Capsicum</i>) and its use in gene presence-absence variation analyses. <i>New Phytologist</i> , 2018, 220, 360-363.	7.3	73
18	Construction of Porous Mo ₃ P/Mo Nanobelts as Catalysts for Efficient Water Splitting. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14139-14143.	13.8	70

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19	Dual TGF α 2 and PD α 1 blockade synergistically enhances MAGE α 3-specific CD8 ⁺ T cell response in esophageal squamous cell carcinoma. <i>International Journal of Cancer</i> , 2018, 143, 2561-2574.	5.1	68
20	Engineering <i>Shewanella oneidensis</i> enables xylose-fed microbial fuel cell. <i>Biotechnology for Biofuels</i> , 2017, 10, 196.	6.2	59
21	Microbial electro-fermentation for synthesis of chemicals and biofuels driven by bi-directional extracellular electron transfer. <i>Synthetic and Systems Biotechnology</i> , 2020, 5, 304-313.	3.7	58
22	Discovery and Validation of Salivary Extracellular RNA Biomarkers for Noninvasive Detection of Gastric Cancer. <i>Clinical Chemistry</i> , 2018, 64, 1513-1521.	3.2	56
23	Are we seeing a resurgence in the use of natural products for new drug discovery?. <i>Expert Opinion on Drug Discovery</i> , 2019, 14, 417-420.	5.0	54
24	miR-143 Regulates Memory T Cell Differentiation by Reprogramming T Cell Metabolism. <i>Journal of Immunology</i> , 2018, 201, 2165-2175.	0.8	51
25	A Synthetic Plasmid Toolkit for <i>Shewanella oneidensis</i> MR-1. <i>Frontiers in Microbiology</i> , 2019, 10, 410.	3.5	51
26	Site-Specifically Initiated Controlled/Living Branching Radical Polymerization: A Synthetic Route toward Hierarchically Branched Architectures. <i>Journal of the American Chemical Society</i> , 2019, 141, 794-799.	13.7	49
27	Particlelike Behavior of Topological Defects in Linear Wave Packets in Photonic Graphene. <i>Physical Review Letters</i> , 2019, 122, 233905.	7.8	48
28	The R132H mutation in IDH1 promotes the recruitment of NK cells through CX3CL1/CX3CR1 chemotaxis and is correlated with a better prognosis in gliomas. <i>Immunology and Cell Biology</i> , 2019, 97, 457-469.	2.3	48
29	Paragenesis BN/CNTs hybrid as a monoclinic sulfur host for high rate and ultra-long life lithium-sulfur battery. <i>Journal of Materials Chemistry A</i> , 2018, 6, 24194-24200.	10.3	47
30	Exercise therapy of patients with irritable bowel syndrome: A systematic review of randomized controlled trials. <i>Neurogastroenterology and Motility</i> , 2019, 31, e13461.	3.0	46
31	Engineering exoelectrogens by synthetic biology strategies. <i>Current Opinion in Electrochemistry</i> , 2018, 10, 37-45.	4.8	43
32	Fast, green microwave-assisted synthesis of single crystalline Sb ₂ Se ₃ nanowires towards promising lithium storage. <i>Journal of Energy Chemistry</i> , 2019, 30, 27-33.	12.9	43
33	Boosting solid-state flexible supercapacitors by employing tailored hierarchical carbon electrodes and a high-voltage organic gel electrolyte. <i>Journal of Materials Chemistry A</i> , 2018, 6, 24979-24987.	10.3	39
34	Engineering Microbial Consortia for High-Performance Cellulosic Hydrolyzates-Fed Microbial Fuel Cells. <i>Frontiers in Microbiology</i> , 2019, 10, 409.	3.5	36
35	Generalization after ocular onset in myasthenia gravis: a case series in Germany. <i>Journal of Neurology</i> , 2018, 265, 2773-2782.	3.6	35
36	Robust fused aromatic pyrazine-based two-dimensional network for stably cocooning iron nanoparticles as an oxygen reduction electrocatalyst. <i>Nano Energy</i> , 2019, 56, 581-587.	16.0	35

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37	Genome-wide characterization of lncRNAs in acute myeloid leukemia. <i>Briefings in Bioinformatics</i> , 2018, 19, 627-635.	6.5	34
38	Effectiveness of 18F-FDG PET/CT in the diagnosis, staging and recurrence monitoring of Ewing sarcoma family of tumors. <i>Medicine (United States)</i> , 2018, 97, e13457.	1.0	33
39	A high energy-density P ₂ -Na _{2/3} [Ni _{0.3} Co _{0.1} Mn _{0.6}]O ₂ cathode with mitigated P ₂ â€“O ₂ transition for sodium-ion batteries. <i>Nanoscale</i> , 2019, 11, 2787-2794.	5.6	33
40	Foliar stoichiometry of carbon, nitrogen, and phosphorus in wetland sedge <i>Carex brevicuspis</i> along a small-scale elevation gradient. <i>Ecological Indicators</i> , 2018, 92, 322-329.	6.3	31
41	A pure red luminescent Î²-carboline-substituted biphenylmethyl radical: photophysics, stability and OLEDs. <i>Journal of Materials Chemistry C</i> , 2018, 6, 11248-11254.	5.5	31
42	Evolutionary and functional analyses of the 2-oxoglutarate-dependent dioxygenase genes involved in the flavonoid biosynthesis pathway in tobacco. <i>Planta</i> , 2019, 249, 543-561.	3.2	31
43	Synthetic <i>Klebsiella pneumoniae</i> â€“ <i>Shewanella oneidensis</i> Consortium Enables Glycerolâ€“Fed Highâ€“Performance Microbial Fuel Cells. <i>Biotechnology Journal</i> , 2018, 13, e1700491.	3.5	30
44	Radical-Based Organic Light-Emitting Diodes with Maximum External Quantum Efficiency of 10.6%. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 6644-6648.	4.6	30
45	Heat-shock protein 90Î± is involved in maintaining the stability of VP16 and VP16-mediated transactivation of Î± genes from Herpes simplex virus-1. <i>Molecular Medicine</i> , 2018, 24, 65.	4.4	30
46	Identification of salivary metabolites for oral squamous cell carcinoma and oral epithelial dysplasia screening from persistent suspicious oral mucosal lesions. <i>Clinical Oral Investigations</i> , 2019, 23, 3557-3563.	3.0	29
47	miR-663a inhibits tumor growth and invasion by regulating TGF-Î²1 in hepatocellular carcinoma. <i>BMC Cancer</i> , 2018, 18, 1179.	2.6	28
48	Maelstrom Directs Myeloid-Derived Suppressor Cells to Promote Esophageal Squamous Cell Carcinoma Progression via Activation of the Akt1/RelA/IL8 Signaling Pathway. <i>Cancer Immunology Research</i> , 2018, 6, 1246-1259.	3.4	28
49	Efficient deep blue fluorescent OLEDs with ultra-low efficiency roll-off based on 4H-1,2,4-triazole cored D-A and D-A-D type emitters. <i>Dyes and Pigments</i> , 2018, 153, 10-17.	3.7	27
50	Phosphate Ion-Driven BiPO ₄ :Eu Phase Transition. <i>Journal of Physical Chemistry C</i> , 2019, 123, 4424-4432.	3.1	27
51	The temporal expression patterns of brain transcriptome during chicken development and ageing. <i>BMC Genomics</i> , 2018, 19, 917.	2.8	25
52	Feature related multi-view nonnegative matrix factorization for identifying conserved functional modules in multiple biological networks. <i>BMC Bioinformatics</i> , 2018, 19, 394.	2.6	24
53	Electric Fieldâ€“Induced Release and Measurement Liquid Biopsy for Noninvasive Early Lung Cancer Assessment. <i>Journal of Molecular Diagnostics</i> , 2018, 20, 738-742.	2.8	24
54	Q-Learning-Based Dynamic Spectrum Access in Cognitive Industrial Internet of Things. <i>Mobile Networks and Applications</i> , 2018, 23, 1636-1644.	3.3	24

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55	Deterministic generation of single soliton Kerr frequency comb in microresonators by a single shot pulsed trigger. <i>Optics Express</i> , 2018, 26, 18563.	3.4	24
56	Abnormal functional connectivity under somatosensory stimulation in migraine: a multi-frequency magnetoencephalography study. <i>Journal of Headache and Pain</i> , 2019, 20, 3.	6.0	24
57	Spectrum Trading for Satellite Communication Systems with Dynamic Bargaining. <i>IEEE Transactions on Communications</i> , 2018, , 1-1.	7.8	23
58	Nicking-enhanced rolling circle amplification for sensitive fluorescent detection of cancer-related microRNAs. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 6819-6826.	3.7	23
59	Shaping up field-deployable nucleic acid testing using microfluidic paper-based analytical devices. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 4401-4414.	3.7	23
60	Room-temperature synthesized formamidinium lead halide perovskite quantum dots with bright luminescence and color-tunability for efficient light emitting. <i>Organic Electronics</i> , 2019, 68, 76-84.	2.6	21
61	Discovery of <i>N</i> -(4-(6-Acetamidopyrimidin-4-yloxy)phenyl)-2-(2-(trifluoromethyl)phenyl)acetamide (CHMFL-FLT3-335) as a Potent FMS-like Tyrosine Kinase 3 Internal Tandem Duplication (FLT3-ITD) Mutant Selective Inhibitor for Acute Myeloid Leukemia. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 875-892.	6.4	20
62	Biofilm Biology and Engineering of <i>Geobacter</i> and <i>Shewanella</i> spp. for Energy Applications. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 786416.	4.1	20
63	Decitabine enhances tumor recognition by T cells through upregulating the MAGE-A3 expression in esophageal carcinoma. <i>Biomedicine and Pharmacotherapy</i> , 2019, 112, 108632.	5.6	19
64	Protective effects of VGX-1027 in PM2.5-induced airway inflammation and bronchial hyperresponsiveness. <i>European Journal of Pharmacology</i> , 2019, 842, 373-383.	3.5	19
65	Development and characterization of swine primary respiratory epithelial cells and their susceptibility to infection by four influenza virus types. <i>Virology</i> , 2019, 528, 152-163.	2.4	19
66	Exceptional dinosaur fossils reveal early origin of avian-style digestion. <i>Scientific Reports</i> , 2018, 8, 14217.	3.3	18
67	Electricity-driven 7 β -hydroxylation of a steroid catalyzed by a cytochrome P450 monooxygenase in engineered yeast. <i>Catalysis Science and Technology</i> , 2019, 9, 4877-4887.	4.1	18
68	Identification of a locus for seed shattering in rice (<i>Oryza sativa</i> L.) by combining bulked segregant analysis with whole-genome sequencing. <i>Molecular Breeding</i> , 2019, 39, 1.	2.1	18
69	Sources and distribution of tetraether lipids in sediments from the Zhejiang-Fujian coastal mud area, China, over the past 160 years: Implications for paleoclimate change. <i>Organic Geochemistry</i> , 2018, 121, 114-125.	1.8	17
70	Long noncoding RNA: A new player in the prevention and treatment of diabetic cardiomyopathy?. <i>Diabetes/Metabolism Research and Reviews</i> , 2018, 34, e3056.	4.0	17
71	Hsp90 inhibitor AT-533 blocks HSV-1 nuclear egress and assembly. <i>Journal of Biochemistry</i> , 2018, 164, 397-406.	1.7	17
72	A cycle involving HMGB1, IFN- β and dendritic cells plays a putative role in anti-tumor immunity. <i>Cellular Immunology</i> , 2019, 343, 103850.	3.0	17

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73	Regulatory T cells were recruited by CCL3 to promote cryo-injured muscle repair. <i>Immunology Letters</i> , 2018, 204, 29-37.	2.5	16
74	New phloroglucinol derivatives with protein tyrosine phosphatase 1B (PTP1B) inhibitory activities from <i>Syzygium austroyunnanense</i> . <i>FÄ-toterapÄ-tÄç</i> , 2018, 131, 141-145.	2.2	16
75	Highly Efficient Fluorescent Organic Light-Emitting Devices Using a Luminescent Radical as the Sensitizer. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 48-51.	4.6	16
76	Potential of <i>Zymomonas mobilis</i> as an electricity producer in ethanol production. <i>Biotechnology for Biofuels</i> , 2020, 13, 36.	6.2	16
77	Functional brain abnormalities in major depressive disorder using the Hilbert-Huang transform. <i>Brain Imaging and Behavior</i> , 2018, 12, 1556-1568.	2.1	15
78	Hydrologic and Edaphic Controls on Soil Carbon Emission in Dongting Lake Floodplain, China. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018, 123, 3088-3097.	3.0	14
79	A zwitterionic near-infrared dye linked TrkC targeting agent for imaging metastatic breast cancer. <i>MedChemComm</i> , 2018, 9, 1754-1760.	3.4	14
80	Alternate row mulching optimizes soil temperature and water conditions and improves wheat yield in dryland farming. <i>Journal of Integrative Agriculture</i> , 2018, 17, 2558-2569.	3.5	13
81	Andrographolide derivative as STAT3 inhibitor that protects acute liver damage in mice. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 5053-5061.	3.0	13
82	High Expression of long non-coding RNA PVT1 predicts metastasis in Han and Uygur Patients with Gastric Cancer in Xinjiang, China. <i>Scientific Reports</i> , 2019, 9, 548.	3.3	13
83	A rapid-response fluorescent film probe to DNT based on novel AIE materials. <i>Sensors and Actuators B: Chemical</i> , 2019, 281, 971-976.	7.8	13
84	The Effectiveness of Group-Based Physiotherapy-Led Behavioral Psychological Interventions on Adults With Chronic Low Back Pain. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2019, 98, 215-225.	1.4	13
85	Eupatilin inhibits the proliferation of human esophageal cancer TE1 cells by targeting the Aktâ€GSK3Î² and MAPK/ERK signaling cascades. <i>Oncology Reports</i> , 2018, 39, 2942-2950.	2.6	12
86	Positive association between serum uric acid and bone mineral density in Chinese type 2 diabetes mellitus stratified by gender and BMI. <i>Journal of Bone and Mineral Metabolism</i> , 2018, 36, 609-619.	2.7	12
87	Lipid biomarker as indicator for assessing the input of organic matters into sediments and evaluating phytoplankton evolution in upper water of the East China Sea. <i>Ecological Indicators</i> , 2019, 101, 380-387.	6.3	12
88	Survival and Metabolic Function of Syngeneic Mouse Islet Grafts Transplanted Into the Hepatic Sinus Tract. <i>Transplantation</i> , 2018, 102, 1850-1856.	1.0	11
89	A novel self-expanding biflanged metal stent vs tubular metal stent for EUS-guided transmural drainage of pancreatic pseudocyst. <i>Medicine (United States)</i> , 2019, 98, e14179.	1.0	11
90	Pharmacologic ascorbate as a pro-drug for hydrogen peroxide release to kill mycobacteria. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 2119-2127.	5.6	11

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91	A novel functional polymorphism of GSTM 3 reduces clear cell renal cell carcinoma risk through enhancing its expression by interfering miRâ€‘556 binding. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 3005-3015.	3.6	10
92	Detection of Race-Specific Resistance Against <i>Puccinia coronata</i> f. sp. <i>avenae</i> in <i>Brachypodium</i> Species. <i>Phytopathology</i> , 2018, 108, 1443-1454.	2.2	10
93	Engineering <i>Shewanella carassii</i> , a newly isolated exoelectrogen from activated sludge, to enhance methyl orange degradation and bioelectricity harvest. <i>Synthetic and Systems Biotechnology</i> , 2022, 7, 918-927.	3.7	9
94	Preference-Based Spectrum Pricing in Dynamic Spectrum Access Networks. <i>IEEE Transactions on Services Computing</i> , 2018, 11, 922-935.	4.6	8
95	Lymph node upstaging for non-small cell lung cancer after uniportal video-assisted thoracoscopy. <i>Journal of Thoracic Disease</i> , 2018, 10, S3648-S3654.	1.4	8
96	Does hydrological reconnection enhance nitrogen cycling rates in the lakeshore wetlands of a eutrophic lake?. <i>Ecological Indicators</i> , 2019, 96, 241-249.	6.3	8
97	Key pathway and gene alterations in the gastric mucosa associated with obesity and obesityâ€‘related diabetes. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 6763-6771.	2.6	8
98	Five new triterpenoids from <i>Syzygium samarangense</i> (Bl.) Merr. et Perry. <i>Phytochemistry Letters</i> , 2018, 25, 147-151.	1.2	7
99	SESAM mode-locked all-polarization-maintaining fiber linear cavity ytterbium laser source with spectral filter as pulse shaper. <i>Laser Physics</i> , 2018, 28, 125103.	1.2	7
100	Synthesis of Metalâ€‘Organic Framework Materials by Reflux: A Faster and Greener Pathway to Achieve Super-Hydrophobicity and Photocatalytic Application. <i>Crystal Growth and Design</i> , 2018, 18, 6609-6616.	3.0	7
101	SEN3-mediated host defense response contains HBV replication and restores protein synthesis. <i>PLoS ONE</i> , 2019, 14, e0209179.	2.5	7
102	CPEB4 regulates glioblastoma cell proliferation and predicts poor outcome of patients. <i>Clinical Neurology and Neurosurgery</i> , 2018, 169, 92-97.	1.4	6
103	CYP1A1 and 1B1-mediated metabolic pathways of dolutegravir, an HIV integrase inhibitor. <i>Biochemical Pharmacology</i> , 2018, 158, 174-184.	4.4	6
104	Improved yield and water storage of the wheat-maize rotation system due to double-blank row mulching during the wheat stage. <i>Agricultural Water Management</i> , 2019, 213, 903-912.	5.6	6
105	Modified <i>Si-Ni-San</i> Decoction Ameliorates Central Fatigue by Improving Mitochondrial Biogenesis in the Rat Hippocampus. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-16.	1.2	5
106	Autonomous table-tennis-motion-type DNA machine for the efficient amplification detection of cancer related gene. <i>Sensors and Actuators B: Chemical</i> , 2019, 281, 1016-1022.	7.8	4
107	Efficient Spectral Compression of Wavelength-Shifting Soliton and Its Application in Integratable All-Optical Quantization. <i>IEEE Photonics Journal</i> , 2019, 11, 1-15.	2.0	3
108	Work Patterns of MamXY Proteins during Magnetosome Formation in <i>Magnetospirillum gryphiswaldense</i> MSR-1. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	3.1	3

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109	Construction of an Acetate Metabolic Pathway to Enhance Electron Generation of Engineered <i>Shewanella oneidensis</i> . <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 757953.	4.1	3
110	Flexible double-cladding ytterbium fibre based 9 W mode-locked laser with 102 fs compressible pulse duration. <i>Laser Physics Letters</i> , 2018, 15, 115109.	1.4	2
111	Pre-exposure with influenza A virus A/WSN/1933(H1N1) resulted in viral shedding reduction from pigs challenged with either swine H1N1 or H3N2 virus. <i>Veterinary Microbiology</i> , 2019, 228, 26-31.	1.9	2