

Dan Liu

List of Publications by Year in descending order

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90
papers

2,754
citations

186265

28
h-index

197818

49
g-index

92
all docs

92
docs citations

92
times ranked

3388
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolomics highlights pharmacological bioactivity and biochemical mechanism of traditional Chinese medicine. <i>Chemico-Biological Interactions</i> , 2017, 273, 133-141.	4.0	194
2	Asymmetric Propargylic Radical Cyanation Enabled by Dual Organophotoredox and Copper Catalysis. <i>Journal of the American Chemical Society</i> , 2019, 141, 6167-6172.	13.7	174
3	Novel inhibitors of the cellular renin-angiotensin system components, poricoic acids, target Smad3 phosphorylation and Wnt/ β -catenin pathway against renal fibrosis. <i>British Journal of Pharmacology</i> , 2018, 175, 2689-2708.	5.4	154
4	Gene and protein expressions and metabolomics exhibit activated redox signaling and wnt/ β -catenin pathway are associated with metabolite dysfunction in patients with chronic kidney disease. <i>Redox Biology</i> , 2017, 12, 505-521.	9.0	146
5	Novel RAS Inhibitors Poricoic Acid ZG and Poricoic Acid ZH Attenuate Renal Fibrosis via a Wnt/ β -Catenin Pathway and Targeted Phosphorylation of smad3 Signaling. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 1828-1842.	5.2	115
6	Combined Clinical Phenotype and Lipidomic Analysis Reveals the Impact of Chronic Kidney Disease on Lipid Metabolism. <i>Journal of Proteome Research</i> , 2017, 16, 1566-1578.	3.7	108
7	A role for small RNA in regulating innate immunity during plant growth. <i>PLoS Pathogens</i> , 2018, 14, e1006756.	4.7	107
8	Lead Induced Changes in the Growth and Antioxidant Metabolism of the Lead Accumulating and Non-accumulating Ecotypes of <i>Sedum alfredii</i> . <i>Journal of Integrative Plant Biology</i> , 2008, 50, 129-140.	8.5	105
9	Role of RAS/Wnt/ β -catenin axis activation in the pathogenesis of podocyte injury and tubulo-interstitial nephropathy. <i>Chemico-Biological Interactions</i> , 2017, 273, 56-72.	4.0	91
10	Poricoic acid ZA, a novel RAS inhibitor, attenuates tubulo-interstitial fibrosis and podocyte injury by inhibiting TGF- β /Smad signaling pathway. <i>Phytomedicine</i> , 2017, 36, 243-253.	5.3	84
11	Visible Light Photocatalytic Radical-Radical Cross-Coupling Reactions of Amines and Carbonyls: A Route to 1,2-Amino Alcohols. <i>Journal of Organic Chemistry</i> , 2016, 81, 7237-7243.	3.2	76
12	Enantioselective Di-/Perfluoroalkylation of β -Ketoesters Enabled by Cooperative Photoredox/Nickel Catalysis. <i>Organic Letters</i> , 2018, 20, 461-464.	4.6	72
13	Paclitaxel-Paclitaxel Prodrug Nanoassembly as a Versatile NanoplatforM for Combinational Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 33506-33513.	8.0	67
14	Introgression and selection shaping the genome and adaptive loci of weedy rice in northern China. <i>New Phytologist</i> , 2013, 197, 290-299.	7.3	61
15	Rhubarb Protect Against Tubulointerstitial Fibrosis by Inhibiting TGF- β /Smad Pathway and Improving Abnormal Metabolome in Chronic Kidney Disease. <i>Frontiers in Pharmacology</i> , 2018, 9, 1029.	3.5	55
16	Direct optical patterning of perovskite nanocrystals with ligand cross-linkers. <i>Science Advances</i> , 2022, 8, eabm8433.	10.3	54
17	Redox-Sensitive Citronellol-Cabazitaxel Conjugate: Maintained in Vitro Cytotoxicity and Self-Assembled as Multifunctional Nanomedicine. <i>Bioconjugate Chemistry</i> , 2016, 27, 1360-1372.	3.6	50
18	The Prevalence of Colistin Resistant Strains and Antibiotic Resistance Gene Profiles in Funan River, China. <i>Frontiers in Microbiology</i> , 2018, 9, 3094.	3.5	46

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19	New chalcone derivatives: synthesis, antiviral activity and mechanism of action. RSC Advances, 2020, 10, 24483-24490.	3.6	46
20	Setd2 deficiency impairs hematopoietic stem cell self-renewal and causes malignant transformation. Cell Research, 2018, 28, 476-490.	12.0	43
21	Redox-sensitive prodrug nanoassemblies based on linoleic acid-modified docetaxel to resist breast cancers. Acta Pharmaceutica Sinica B, 2019, 9, 421-432.	12.0	43
22	Chiral BINAPO-Controlled Diastereoselective Self-Assembly and Circularly Polarized Luminescence in Triple-Stranded Europium(III) Podates. Inorganic Chemistry, 2018, 57, 8332-8337.	4.0	40
23	Dual photoredox and nickel-catalyzed desymmetric C=O coupling reactions: visible light-mediated enantioselective synthesis of 1,4-benzodioxanes. Organic Chemistry Frontiers, 2018, 5, 3098-3102.	4.5	39
24	Production of bacterial cellulose hydrogels with tailored crystallinity from Enterobacter sp. FY-07 by the controlled expression of colanic acid synthetic genes. Carbohydrate Polymers, 2019, 207, 563-570.	10.2	35
25	Magnetically Driven Soft Continuum Microrobot for Intravascular Operations in Microscale. Cyborg and Bionic Systems, 2022, 2022, .	7.9	34
26	Docetaxel prodrug liposomes for tumor therapy: characterization, <i>in vitro</i> and <i>in vivo</i> evaluation. Drug Delivery, 2016, 23, 1272-1281.	5.7	32
27	Catalyst-Controlled Regioselective Acylation of α -Ketoesters with α -Diazo Ketones Induced by Visible Light. Organic Letters, 2018, 20, 7278-7282.	4.6	31
28	Different roles of silica nanoparticles played in virus transport in saturated and unsaturated porous media. Environmental Pollution, 2020, 259, 113861.	7.5	31
29	Elucidation of Transport Mechanism of Paeoniflorin and the Influence of Ligustilide, Senkyunolide I and Senkyunolide A on Paeoniflorin Transport through Mdrk-Mdr1 Cells as Blood-Brain Barrier in Vitro Model. Molecules, 2016, 21, 300.	3.8	27
30	Potential anti-gout constituents as xanthine oxidase inhibitor from the fruits of Stauntonia brachyanthera. Bioorganic and Medicinal Chemistry, 2017, 25, 3562-3566.	3.0	25
31	Therapeutic efficacy of lipid emulsions of docetaxel-linoleic acid conjugate in breast cancer. International Journal of Pharmaceutics, 2018, 546, 61-69.	5.2	25
32	COL1A1 as a potential new biomarker and therapeutic target for type 2 diabetes. Pharmacological Research, 2021, 165, 105436.	7.1	24
33	The influence and mechanism of ligustilide, senkyunolide I, and senkyunolide A on echinacoside transport through MDCK-MDR1 cells as blood-brain barrier in vitro model. Phytotherapy Research, 2018, 32, 426-435.	5.8	22
34	Microbial enhanced oil recovery through deep profile control using a conditional bacterial cellulose-producing strain derived from Enterobacter sp. FY-07. Microbial Cell Factories, 2020, 19, 59.	4.0	21
35	Imidazole-Functionalized Polyoxometalate Catalysts for the Oxidation of 5-Hydroxymethylfurfural to 2,5-Diformylfuran Using Atmospheric O_2 . Inorganic Chemistry, 2021, 60, 3909-3916.	4.0	21
36	Poly I:C facilitates the phosphorylation of Ctenopharyngodon idellus type I IFN receptor subunits and JAK kinase. Fish and Shellfish Immunology, 2017, 60, 13-20.	3.6	18

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37	Identification and Functional Analysis of the CLAVATA3/EMBRYO SURROUNDING REGION (CLE) Gene Family in Wheat. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4319.	4.1	18
38	Pharmacokinetic comparative study of gastrodin after oral administration of <i>Gastrodia elata</i> Bl. extract and its compatibility with the different ingredients of <i>Ligusticum chuanxiong</i> Hort. to rats. <i>Journal of Ethnopharmacology</i> , 2016, 191, 82-86.	4.1	17
39	<i>Ctenopharyngodon idella</i> TBK1 activates innate immune response via IRF7. <i>Fish and Shellfish Immunology</i> , 2018, 80, 521-527.	3.6	17
40	Influence of Humic Acid on the Transport and Deposition of Colloidal Silica under Different Hydrogeochemical Conditions. <i>Water (Switzerland)</i> , 2017, 9, 10.	2.7	16
41	Thermoelectric properties of flexible PEDOT:PSS-based films tuned by SnSe via the vacuum filtration method. <i>RSC Advances</i> , 2020, 10, 43840-43846.	3.6	16
42	Efficient Single-Cell Mechanical Measurement by Integrating a Cell Arraying Microfluidic Device With Magnetic Tweezer. <i>IEEE Robotics and Automation Letters</i> , 2021, 6, 2978-2984.	5.1	16
43	Critical transitions and ecological resilience of large marine ecosystems in the Northwestern Pacific in response to global warming. <i>Global Change Biology</i> , 2021, 27, 5310-5328.	9.5	16
44	Directed synthesis of well dispersed and highly active AuCu and AuNi nanoparticle catalysts. <i>Catalysis Science and Technology</i> , 2016, 6, 7137-7150.	4.1	15
45	Impacts of leachate of landfill on the groundwater hydrochemistry and size distributions and heavy metal components of colloids: a case study in NE China. <i>Environmental Science and Pollution Research</i> , 2019, 26, 5713-5723.	5.3	15
46	Isoquinolines from <i>Corydalis tomentella</i> from Tibet, China, possess hepatoprotective activities. <i>Phytochemistry</i> , 2018, 155, 93-99.	2.9	14
47	Screen-Printed Flexible Thermoelectric Device Based on Hybrid Silver Selenide/PVP Composite Films. <i>Nanomaterials</i> , 2021, 11, 2042.	4.1	14
48	Design, Synthesis and Antifungal/Nematicidal Activity of Novel 1,2,4-Oxadiazole Derivatives Containing Amide Fragments. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1596.	4.1	14
49	Ferulic acid derivatives with piperazine moiety as potential antiviral agents. <i>Pest Management Science</i> , 2022, 78, 1749-1758.	3.4	14
50	Green Alga <i>Enteromorpha prolifera</i> Oligosaccharide Ameliorates Ageing and Hyperglycemia through Gut-Brain Axis in Age-Matched Diabetic Mice. <i>Molecular Nutrition and Food Research</i> , 2022, 66, e2100564.	3.3	14
51	Transport of Silica Colloid through Saturated Porous Media under Different Hydrogeochemical and Hydrodynamic Conditions Considering Managed Aquifer Recharge. <i>Water (Switzerland)</i> , 2016, 8, 555.	2.7	13
52	Characterization of Plasmid-Mediated Quinolone Resistance in Gram-Negative Bacterial Strains from Animals and Humans in China. <i>Microbial Drug Resistance</i> , 2019, 25, 1050-1056.	2.0	13
53	Synthesis of hydroindoles via desymmetric [3+2] cycloadditions of para-quinamines with photogenerated ketenes. <i>Chemical Communications</i> , 2021, 57, 8496-8499.	4.1	12
54	A simple method for the synthesis of a polar-embedded and polar-endcapped reversed-phase chromatographic packing with low activity of residue silanols. <i>Journal of Chromatography A</i> , 2016, 1443, 175-180.	3.7	11

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55	Column experiments to investigate transport of colloidal humic acid through porous media during managed aquifer recharge. <i>Hydrogeology Journal</i> , 2017, 25, 79-89.	2.1	11
56	Design, synthesis and biological evaluation of benzimidazole derivatives as novel human Pin1 inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 1859-1863.	2.2	11
57	Design, synthesis, and biological activity of novel 1,2,4-oxadiazole derivatives. <i>BMC Chemistry</i> , 2020, 14, 68.	3.8	11
58	Colloid characterization and in situ release in shallow groundwater under different hydrogeology conditions. <i>Environmental Science and Pollution Research</i> , 2017, 24, 14445-14454.	5.3	10
59	Experimental Study on Zn-Doped Al-Rich Alloys for Fast on-Board Hydrogen Production. <i>Crystals</i> , 2020, 10, 167.	2.2	10
60	Nutraceutical potentials of algal ulvan for healthy aging. <i>International Journal of Biological Macromolecules</i> , 2022, 194, 422-434.	7.5	10
61	The inhibitory effects of nor-oleanane triterpenoid saponins from <i>Stauntonia brachyanthera</i> towards UDP-glucuronosyltransferases. <i>FĀ-toterapĀ-Āç</i> , 2016, 112, 56-64.	2.2	9
62	The <i>Yersinia</i> high-pathogenicity island (HPI) carried by a new integrative and conjugative element (ICE) in a multidrug-resistant and hypervirulent <i>Klebsiella pneumoniae</i> strain SCs11. <i>Veterinary Microbiology</i> , 2019, 239, 108481.	1.9	9
63	Vision-Based Automated Control of Magnetic Microrobots. <i>Micromachines</i> , 2022, 13, 337.	2.9	9
64	Preparation and characterization of the Ag ₂ Se flexible films tuned by PVP for wearable thermoelectric generator. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 20295-20305.	2.2	8
65	New mouse xenograft model modulated by tumor-associated fibroblasts for human multi-drug resistance in cancer. <i>Oncology Reports</i> , 2015, 34, 2699-2705.	2.6	7
66	Characterization of Resistance Patterns and Detection of Apramycin Resistance Genes in <i>Escherichia coli</i> Isolated from Chicken Feces and Houseflies after Apramycin Administration. <i>Frontiers in Microbiology</i> , 2018, 9, 328.	3.5	7
67	Influences of microbial communities on groundwater component concentrations during managed artificial recharge. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	5
68	Formation and transformation of chloroform during managed aquifer recharge (MAR). <i>Journal of Environmental Management</i> , 2018, 219, 304-315.	7.8	5
69	Study on the Dynamic Characteristics of a Hydraulic Continuous Variable Compression Ratio System. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4484.	2.5	5
70	Optimizing the Properties of La _{0.8} Sr _{0.2} CrO ₃ Thin Films through Post-Annealing for High-Temperature Sensing. <i>Nanomaterials</i> , 2021, 11, 1802.	4.1	5
71	Morphological and proteomic analysis of young spikes reveals new insights into the formation of multiple-pistil wheat. <i>Plant Science</i> , 2020, 296, 110503.	3.6	4
72	Effects of Low-melting-point Fractions of Cocoa Butter on Rice Bran Wax-corn Oil Mixtures: Thermal, Crystallization and Rheological Properties. <i>Journal of Oleo Science</i> , 2021, 70, 491-502.	1.4	4

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73	Downregulation of miR-142a Contributes to the Enhanced Anti-Apoptotic Ability of Murine Chronic Myelogenous Leukemia Cells. <i>Frontiers in Oncology</i> , 2021, 11, 718731.	2.8	4
74	Influence of EDTA on Lead Transportation and Accumulation by <i>Sedum alfredii</i> Hance. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2007, 62, 717-724.	1.4	3
75	Effects of fermented ginseng extracts on tumor metastasis in mice. <i>Food Science and Biotechnology</i> , 2010, 19, 1559-1565.	2.6	3
76	Rescue and characterization of a recombinant HY12 bovine enterovirus carrying a foreign HA epitope in the 3A nonstructural protein. <i>Archives of Virology</i> , 2019, 164, 1309-1321.	2.1	3
77	A novel microfluidic RNA chip for direct, single-nucleotide specific, rapid and partially-degraded RNA detection. <i>Talanta</i> , 2022, 239, 122974.	5.5	3
78	Novel Backside Structure for Reverse Conducting Insulated-Gate Bipolar Transistor With Two Different Collector Trench. <i>IEEE Transactions on Electron Devices</i> , 2022, 69, 4414-4420.	3.0	3
79	Effects of colloidal humic acid on the transport of sulfa antibiotics through a saturated porous medium under different hydrochemical conditions. <i>Water Science and Technology: Water Supply</i> , 2018, 18, 2199-2207.	2.1	2
80	The effects of atorvastatin and rosuvastatin on exercise tolerance in patients with coronary heart disease. <i>Expert Opinion on Drug Safety</i> , 2020, 19, 1203-1208.	2.4	2
81	Design, synthesis and nematocidal activity of novel 1,2,4-oxadiazole derivatives with a 1,3,4-thiadiazole amide moiety. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2022, 197, 934-942.	1.6	2
82	Application of RAPD Assays in Analyzing <i>Streptomyces Gilvosporeus</i> Strains from Genome Shuffling. <i>International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering, 2010, , .</i>	0.0	1
83	Design, synthesis and biological evaluation of novel selective thiol-based histone deacetylase(HDAC) VI inhibitors bearing indeno[1,2-c]pyrazole or benzoindazole scaffold. <i>Chemical Research in Chinese Universities</i> , 2018, 34, 75-83.	2.6	1
84	Au nanoparticles controlled by lattice Zn ²⁺ of supports. <i>Gold Bulletin</i> , 2018, 51, 85-97.	2.4	1
85	Recurrent vital thrombotic events in a young man with FVIII gene duplication. <i>Chinese Medical Journal</i> , 2021, 134, 996-998.	2.3	1
86	Beyond a Linker: The Role of Photochemistry of Crosslinkers in the Direct Optical Patterning of Colloidal Nanocrystals. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	1
87	Safety and Effectiveness of Inhaling Different Dosage Recombinant Human Interferon β 1B for Bronchiolitis in Children: a Systematic Review and Meta-Analysis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-12.	1.2	1
88	Isomerization of n-Decane Catalyzed by Triethylamine Chlorine-Aluminate Ionic Liquids. , 2011, , .		0
89	The Evolution of Gold Nanoparticles in the Presence of Configurational Ion Cu ²⁺ of Hydrotalcites Supports. <i>ChemistrySelect</i> , 2018, 3, 7478-7484.	1.5	0
90	ICONE23-1336 A PRELIMINARY RESEARCH FOR THE OPERATING CHARACTERISTICS OF THE MULTI-MODULE NUCLEAR REACTOR SYSTEM. <i>The Proceedings of the International Conference on Nuclear Engineering (ICONE)</i> , 2015, 2015.23, _ICONE23-1- _ICONE23-1.	0.0	0