

Dan Liu

List of Publications by Year in descending order

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90
papers

2,754
citations

186265

28
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197818

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92
docs citations

92
times ranked

3388
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Nutraceutical potentials of algal ulvan for healthy aging. <i>International Journal of Biological Macromolecules</i> , 2022, 194, 422-434.	7.5	10
3	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
4	Ferulic acid derivatives with piperazine moiety as potential antiviral agents. <i>Pest Management Science</i> , 2022, 78, 1749-1758.	3.4	14
5	Vision-Based Automated Control of Magnetic Microrobots. <i>Micromachines</i> , 2022, 13, 337.	2.9	9
6	Direct optical patterning of perovskite nanocrystals with ligand cross-linkers. <i>Science Advances</i> , 2022, 8, eabm8433.	10.3	54
7	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
8	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
9	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
10	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
11	Magnetically Driven Soft Continuum Microrobot for Intravascular Operations in Microscale. <i>Cyborg and Bionic Systems</i> , 2022, 2022, .	7.9	34
12	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
13	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
14	Imidazole-Functionalized Polyoxometalate Catalysts for the Oxidation of 5-Hydroxymethylfurfural to 2,5-Diformylfuran Using Atmospheric O_2 . <i>Inorganic Chemistry</i> , 2021, 60, 3909-3916.	4.0	21
15	COL1A1 as a potential new biomarker and therapeutic target for type 2 diabetes. <i>Pharmacological Research</i> , 2021, 165, 105436.	7.1	24
16	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
17	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
18	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

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19	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
20	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
21	Screen-Printed Flexible Thermoelectric Device Based on Hybrid Silver Selenide/PVP Composite Films. <i>Nanomaterials</i> , 2021, 11, 2042.	4.1	14
22	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
23	Recurrent vital thrombotic events in a young man with FVIII gene duplication. <i>Chinese Medical Journal</i> , 2021, 134, 996-998.	2.3	1
24	Different roles of silica nanoparticles played in virus transport in saturated and unsaturated porous media. <i>Environmental Pollution</i> , 2020, 259, 113861.	7.5	31
25	Design, synthesis, and biological activity of novel 1,2,4-oxadiazole derivatives. <i>BMC Chemistry</i> , 2020, 14, 68.	3.8	11
26	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
27	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
28	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
29	Microbial enhanced oil recovery through deep profile control using a conditional bacterial cellulose-producing strain derived from <i>Enterobacter</i> sp. FY-07. <i>Microbial Cell Factories</i> , 2020, 19, 59.	4.0	21
30	New chalcone derivatives: synthesis, antiviral activity and mechanism of action. <i>RSC Advances</i> , 2020, 10, 24483-24490.	3.6	46
31	Experimental Study on Zn-Doped Al-Rich Alloys for Fast on-Board Hydrogen Production. <i>Crystals</i> , 2020, 10, 167.	2.2	10
32	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
33	Study on the Dynamic Characteristics of a Hydraulic Continuous Variable Compression Ratio System. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4484.	2.5	5
34	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
35	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
36	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

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37	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
38	Production of bacterial cellulose hydrogels with tailored crystallinity from <i>Enterobacter</i> sp. FY-07 by the controlled expression of colanic acid synthetic genes. <i>Carbohydrate Polymers</i> , 2019, 207, 563-570.	10.2	35
39	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
40	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
41	Redox-sensitive prodrug nanoassemblies based on linoleic acid-modified docetaxel to resist breast cancers. <i>Acta Pharmaceutica Sinica B</i> , 2019, 9, 421-432.	12.0	43
42	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
43	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
44	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
45	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
46	Enantioselective Di-/Perfluoroalkylation of β -Ketoesters Enabled by Cooperative Photoredox/Nickel Catalysis. <i>Organic Letters</i> , 2018, 20, 461-464.	4.6	72
47	Setd2 deficiency impairs hematopoietic stem cell self-renewal and causes malignant transformation. <i>Cell Research</i> , 2018, 28, 476-490.	12.0	43
48	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. <i>Phytotherapy Research</i> , 2018, 32, 426-435.	5.8	22
49	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
50	Catalyst-Controlled Regioselective Acylation of β -Ketoesters with α -Diazo Ketones Induced by Visible Light. <i>Organic Letters</i> , 2018, 20, 7278-7282.	4.6	31
51	Dual photoredox and nickel-catalyzed desymmetric C-C=O coupling reactions: visible light-mediated enantioselective synthesis of 1,4-benzodioxanes. <i>Organic Chemistry Frontiers</i> , 2018, 5, 3098-3102.	4.5	39
52	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
53	Therapeutic efficacy of lipid emulsions of docetaxel-linoleic acid conjugate in breast cancer. <i>International Journal of Pharmaceutics</i> , 2018, 546, 61-69.	5.2	25
54	Formation and transformation of chloroform during managed aquifer recharge (MAR). <i>Journal of Environmental Management</i> , 2018, 219, 304-315.	7.8	5

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55	Chiral BINAPO-Controlled Diastereoselective Self-Assembly and Circularly Polarized Luminescence in Triple-Stranded Europium(III) Podates. <i>Inorganic Chemistry</i> , 2018, 57, 8332-8337.	4.0	40
56	Ctenopharyngodon idella TBK1 activates innate immune response via IRF7. <i>Fish and Shellfish Immunology</i> , 2018, 80, 521-527.	3.6	17
57	Isoquinolines from <i>Corydalis tomentella</i> from Tibet, China, possess hepatoprotective activities. <i>Phytochemistry</i> , 2018, 155, 93-99.	2.9	14
58	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
59	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
60	Au nanoparticles controlled by lattice Zn ²⁺ of supports. <i>Gold Bulletin</i> , 2018, 51, 85-97.	2.4	1
61	A role for small RNA in regulating innate immunity during plant growth. <i>PLoS Pathogens</i> , 2018, 14, e1006756.	4.7	107
62	Potential anti-gout constituents as xanthine oxidase inhibitor from the fruits of <i>Stauntonia brachyanthera</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 3562-3566.	3.0	25
63	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
64	Metabolomics highlights pharmacological bioactivity and biochemical mechanism of traditional Chinese medicine. <i>Chemico-Biological Interactions</i> , 2017, 273, 133-141.	4.0	194
65	Gene and protein expressions and metabolomics exhibit activated redox signaling and wnt/ β^2 -catenin pathway are associated with metabolite dysfunction in patients with chronic kidney disease. <i>Redox Biology</i> , 2017, 12, 505-521.	9.0	146
66	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
67	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
68	Poricoic acid ZA, a novel RAS inhibitor, attenuates tubulo-interstitial fibrosis and podocyte injury by inhibiting TGF- β^2 /Smad signaling pathway. <i>Phytomedicine</i> , 2017, 36, 243-253.	5.3	84
69	Poly I:C facilitates the phosphorylation of <i>Ctenopharyngodon idellus</i> type I IFN receptor subunits and JAK kinase. <i>Fish and Shellfish Immunology</i> , 2017, 60, 13-20.	3.6	18
70	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
71	Role of RAS/Wnt/ β^2 -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
72	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

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73	Elucidation of Transport Mechanism of Paeoniflorin and the Influence of Ligustilide, Senkyunolide I and Senkyunolide A on Paeoniflorin Transport through Mdr1 Cells as Blood-Brain Barrier in Vitro Model. <i>Molecules</i> , 2016, 21, 300.	3.8	27
74	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
75	The inhibitory effects of nor-oleanane triterpenoid saponins from <i>Stauntonia brachyanthera</i> towards UDP-glucuronosyltransferases. <i>Fitoterapia</i> , 2016, 112, 56-64.	2.2	9
76	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
77	Paclitaxel-Paclitaxel Prodrug Nanoassembly as a Versatile Nanoplatfor for Combinational Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 33506-33513.	8.0	67
78	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
79	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
80	Influences of microbial communities on groundwater component concentrations during managed artificial recharge. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	5
81	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
82	Docetaxel prodrug liposomes for tumor therapy: characterization, <i>in vitro</i> and <i>in vivo</i> evaluation. <i>Drug Delivery</i> , 2016, 23, 1272-1281.	5.7	32
83	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
84	ICONE23-1336 A PRELIMINARY RESEARCH FOR THE OPERATING CHARACTERISTICS OF THE MULTI-MODULE NUCLEAR REACTOR SYSTEM. The Proceedings of the International Conference on Nuclear Engineering (ICONE), 2015, 2015.23, _ICONE23-1- _ICONE23-1.	0.0	0
85	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
86	Isomerization of n-Decane Catalyzed by Triethylamine Chlorine-Aluminate Ionic Liquids. , 2011, , .		0
87	Effects of fermented ginseng extracts on tumor metastasis in mice. <i>Food Science and Biotechnology</i> , 2010, 19, 1559-1565.	2.6	3
88	Application of RAPD Assays in Analyzing <i>Streptomyces Gilvosporeus</i> Strains from Genome Shuffling. International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering, 2010, , .	0.0	1
89	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
90	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