Jian Li

List of Publications by Year in descending order

105 papers	3,818 citations	186265 28 h-index	138484 58 g-index
107 all docs	107 docs citations	107 times ranked	5662 citing authors

#	Article	IF	Citations
1	Rapid Repurposing of Novel Combination Drugs for the Treatment of Heart Failure via a Computationally Guided Network Screening Approach. Journal of Chemical Information and Modeling, 2022, 62, 5223-5232.	5.4	6
2	Specific tracking of monoamine oxidase A in heart failure models by a far-red fluorescent probe with an ultra large Stokes shift. Chinese Chemical Letters, 2022, 33, 1572-1576.	9.0	11
3	Anti-aging effects of chlorpropamide depend on mitochondrial complex-II and the production of mitochondrial reactive oxygen species. Acta Pharmaceutica Sinica B, 2022, 12, 665-677.	12.0	7
4	The novel therapeutic strategy of vilazodone-donepezil chimeras as potent triple-target ligands for the potential treatment of Alzheimer's disease with comorbid depression. European Journal of Medicinal Chemistry, 2022, 229, 114045.	5.5	5
5	Small-molecule fluorescence-based probes for aging diagnosis. , 2022, 1, .		11
6	Drug Repurposing of Quisinostat to Discover Novel Plasmodium falciparum HDAC1 Inhibitors with Enhanced Triple-Stage Antimalarial Activity and Improved Safety. Journal of Medicinal Chemistry, 2022, 65, 4156-4181.	6.4	9
7	Identification of Guaifenesinâ€“Andrographolide as a Novel Combinatorial Drug Therapy for Epilepsy Using Network Virtual Screening and Experimental Validation. ACS Chemical Neuroscience, 2022, 13, 978-986.	3.5	1
8	Discovery of Novel Sertraline Derivatives as Potent Anti-Cryptococcus Agents. Journal of Medicinal Chemistry, 2022, 65, 6541-6554.	6.4	8
9	Discovery of novel dual RAGE/SERT inhibitors for the potential treatment of the comorbidity of Alzheimer's disease and depression. European Journal of Medicinal Chemistry, 2022, 236, 114347.	5.5	7
10	Novel niclosamide-derived adjuvants elevating the efficacy of polymyxin B against MDR Pseudomonas aeruginosa DK2. European Journal of Medicinal Chemistry, 2022, 236, 114318.	5.5	3
11	Crotamiton derivative JM03 extends lifespan and improves oxidative and hypertonic stress resistance in Caenorhabditis elegans via inhibiting OSM-9. ELife, 2022, 11, .	6.0	5
12	Design and synthesis of novel hydroxamic acid derivatives based on quisinostat as promising antimalarial agents with improved safety. , 2022, 1, .		0
13	Cucurbitacin B-induced G2/M cell cycle arrest of conjunctival melanoma cells mediated by GRP78â€“FOXM1â€“KIF20A pathway. Acta Pharmaceutica Sinica B, 2022, 12, 3861-3876.	12.0	11
14	Novel chlorpromazine derivatives as anti-endometrial carcinoma agents with reduced extrapyramidal side effects. Bioorganic Chemistry, 2022, 127, 106008.	4.1	3
15	Stress response decay with aging visualized using a dual-channel logic-based fluorescent probe. Chemical Science, 2021, 12, 13483-13491.	7.4	24
16	Discovery of Novel Plasmodium falciparum HDAC1 Inhibitors with Dual-Stage Antimalarial Potency and Improved Safety Based on the Clinical Anticancer Drug Candidate Quisinostat. Journal of Medicinal Chemistry, 2021, 64, 2254-2271.	6.4	21
17	Discovery of Piperidol Derivatives for Combinational Treatment of Azole-Resistant Candidiasis. ACS Infectious Diseases, 2021, 7, 650-660.	3.8	13
18	Kinetics-Driven Drug Design Strategy for Next-Generation Acetylcholinesterase Inhibitors to Clinical Candidate. Journal of Medicinal Chemistry, 2021, 64, 1844-1855.	6.4	32

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19	Twoâ€Ðimensional Design Strategy to Construct Smart Fluorescent Probes for the Precise Tracking of Senescence. Angewandte Chemie - International Edition, 2021, 60, 10756-10765.	13.8	65
20	Twoâ€Ðimensional Design Strategy to Construct Smart Fluorescent Probes for the Precise Tracking of Senescence. Angewandte Chemie, 2021, 133, 10851-10860.	2.0	6
21	Fangchinoline suppresses conjunctival melanoma by directly binding FUBP2 and inhibiting the homologous recombination pathway. Cell Death and Disease, 2021, 12, 380.	6.3	9
22	Chlorpromazine Sensitizes Progestin-Resistant Endometrial Cancer Cells to MPA by Upregulating PRB. Frontiers in Oncology, 2021, 11, 665832.	2.8	11
23	Repurposing of antitumor drug candidate Quisinostat lead to novel spirocyclic antimalarial agents. Chinese Chemical Letters, 2021, 32, 1660-1664.	9.0	8
24	A facile method for vancomycin C-terminus functionalization and derivatization through hydrazide. Bioorganic and Medicinal Chemistry Letters, 2021, 42, 128027.	2.2	3
25	Antiaging Effects of Vicatia thibetica de Boiss Root Extract on Caenorhabditis elegans and Doxorubicin-Induced Premature Aging in Adult Mice. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-13.	4.0	1
26	Impurity Identification and Scale-Up of a Novel Glycopeptide Antibiotic. Organic Process Research and Development, 2021, 25, 2390-2402.	2.7	1
27	Repurposing antimycotic ciclopirox olamine as a promising anti-ischemic stroke agent. Acta Pharmaceutica Sinica B, 2020, 10, 434-446.	12.0	23
28	Drug Repurposing of Haloperidol: Discovery of New Benzocyclane Derivatives as Potent Antifungal Agents against Cryptococcosis and Candidiasis. ACS Infectious Diseases, 2020, 6, 768-786.	3.8	35
29	Discovery of synergistic activity of fluoroquinolones in combination with antimicrobial peptides against clinical polymyxin-resistant Pseudomonas aeruginosa DK2. Chinese Chemical Letters, 2020, 31, 413-417.	9.0	8
30	Discovery of nitazoxanide-based derivatives asÂautophagy activators for the treatment ofÂAlzheimer's disease. Acta Pharmaceutica Sinica B, 2020, 10, 646-666.	12.0	18
31	Targeting virulence factors as an antimicrobial approach: Pigment inhibitors. Medicinal Research Reviews, 2020, 40, 293-338.	10.5	18
32	Development of Novel N-hydroxypyridone Derivatives as Potential Anti-Ischemic Stroke Agents. Journal of Medicinal Chemistry, 2020, 63, 1051-1067.	6.4	14
33	Development of disulfide-derived fructose-1,6-bisphosphatase (FBPase) covalent inhibitors for the treatment of type 2 diabetes. European Journal of Medicinal Chemistry, 2020, 203, 112500.	5.5	8
34	A novel multistage antiplasmodial inhibitor targeting Plasmodium falciparum histone deacetylase 1. Cell Discovery, 2020, 6, 93.	6.7	23
35	Identification of the New Covalent Allosteric Binding Site of Fructose-1,6-bisphosphatase with Disulfiram Derivatives toward Glucose Reduction. Journal of Medicinal Chemistry, 2020, 63, 6238-6247.	6.4	17
36	Sulfoximines-Assisted Rh(III)-Catalyzed Câ€“H Activation and Intramolecular Annulation for the Synthesis of Fused Isochromeno-1,2-Benzothiazines Scaffolds under Room Temperature. Molecules, 2020, 25, 2515.	3.8	13

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37	First-generation species-selective chemical probes for fluorescence imaging of human senescence-associated Î²-galactosidase. Chemical Science, 2020, 11, 7292-7301.	7.4	55
38	Repurposing of antipsychotics perphenazine for the treatment of endometrial cancer. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127239.	2.2	9
39	Lysosomal polarity increases with aging as revealed by a lysosome-targetable near-infrared fluorescent probe. Sensors and Actuators B: Chemical, 2020, 319, 128302.	7.8	21
40	Verapamil extends lifespan in Caenorhabditis elegans by inhibiting calcineurin activity and promoting autophagy. Aging, 2020, 12, 5300-5317.	3.1	21
41	Rational Design of Novel Selective Dual-Target Inhibitors of Acetylcholinesterase and Monoamine Oxidase B as Potential Anti-Alzheimerâ€™s Disease Agents. ACS Chemical Neuroscience, 2019, 10, 482-496.	3.5	28
42	Spiropyran in Situ Switching: A Real-Time Fluorescence Strategy for Tracking DNA G-Quadruplexes in Live Cells. Analytical Chemistry, 2019, 91, 5354-5361.	6.5	35
43	Fragment-based drug discovery of triazole inhibitors to block PDEÎ´-RAS protein-protein interaction. European Journal of Medicinal Chemistry, 2019, 163, 597-609.	5.5	20
44	Selective visualization of live-cell mitochondrial thiophenols and their induced oxidative stress process by a rationally designed rhodol-based fluorescent probe. Sensors and Actuators B: Chemical, 2019, 283, 820-830.	7.8	28
45	Novel Staphyloxanthin Inhibitors with Improved Potency against Multidrug Resistant Staphylococcus aureus. ACS Medicinal Chemistry Letters, 2018, 9, 233-237.	2.8	8
46	Design, synthesis and evaluation of vilazodone-tacrine hybrids as multitarget-directed ligands against depression with cognitive impairment. Bioorganic and Medicinal Chemistry, 2018, 26, 3117-3125.	3.0	19
47	Novel Tadalafil Derivatives Ameliorates Scopolamine-Induced Cognitive Impairment in Mice via Inhibition of Acetylcholinesterase (AChE) and Phosphodiesterase 5 (PDE5). ACS Chemical Neuroscience, 2018, 9, 1625-1636.	3.5	18
48	TSPA as a novel ATF6Î± translocation inducer efficiently ameliorates insulin sensitivity restoration and glucose homeostasis in db/db mice. Biochemical and Biophysical Research Communications, 2018, 499, 948-953.	2.1	3
49	Discovery of Potent Benzocycloalkane Derived Diapophytoene Desaturase Inhibitors with an Enhanced Safety Profile for the Treatment of MRSA, VISA, and LRSA Infections. ACS Infectious Diseases, 2018, 4, 208-217.	3.8	4
50	Discovery of novel piperonyl derivatives as diapophytoene desaturase inhibitors for the treatment of methicillin-, vancomycin- and linezolid-resistant Staphylococcus aureus infections. European Journal of Medicinal Chemistry, 2018, 145, 235-251.	5.5	12
51	Design, Synthesis, and Biological Evaluation of Orally Available First-Generation Dual-Target Selective Inhibitors of Acetylcholinesterase (AChE) and Phosphodiesterase 5 (PDE5) for the Treatment of Alzheimerâ€™s Disease. ACS Chemical Neuroscience, 2018, 9, 328-345.	3.5	46
52	Discovery of simplified sampangine derivatives as novel fungal biofilm inhibitors. European Journal of Medicinal Chemistry, 2018, 143, 1510-1523.	5.5	18
53	Discovery of novel propargylamine-modified 4-aminoalkyl imidazole substituted pyrimidinylthiourea derivatives as multifunctional agents for the treatment of Alzheimer's disease. European Journal of Medicinal Chemistry, 2018, 143, 33-47.	5.5	60
54	Novel Terminal Bipheny-Based Diapophytoene Desaturases (CrtN) Inhibitors as Anti-MRSA/VISR/LRSA Agents with Reduced hERG Activity. Journal of Medicinal Chemistry, 2018, 61, 224-250.	6.4	22

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55	Extra Sugar on Vancomycin: New Analogues for Combating Multidrug-Resistant Staphylococcus aureus and Vancomycin-Resistant Enterococci. Journal of Medicinal Chemistry, 2018, 61, 286-304.	6.4	45
56	Discovery of novel purine nucleoside derivatives as phosphodiesterase 2 (PDE2) inhibitors: Structure-based virtual screening, optimization and biological evaluation. Bioorganic and Medicinal Chemistry, 2018, 26, 119-133.	3.0	11
57	Design and Synthesis of Pyrophosphateâ€Targeting Vancomycin Derivatives for Combating Vancomycinâ€Resistant Enterococci. ChemMedChem, 2018, 13, 1644-1657.	3.2	16
58	Development of the First Generation of Disulfide-Based Subtype-Selective and Potent Covalent Pyruvate Dehydrogenase Kinase 1 (PDK1) Inhibitors. Journal of Medicinal Chemistry, 2017, 60, 2227-2244.	6.4	55
59	The structure of a small GTPaseRhoA in complex with PDZRhoGEF and the inhibitor HL47. Biotechnology Letters, 2017, 39, 745-750.	2.2	0
60	Drug Repurposing of Histone Deacetylase Inhibitors That Alleviate Neutrophilic Inflammation in Acute Lung Injury and Idiopathic Pulmonary Fibrosis via Inhibiting Leukotriene A4 Hydrolase and Blocking LTB4 Biosynthesis. Journal of Medicinal Chemistry, 2017, 60, 1817-1828.	6.4	30
61	Discovery of new Syk inhibitors through structure-based virtual screening. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 1776-1779.	2.2	11
62	Ruthenium(II)-Catalyzed Redox-Neutral [3+2] Annulation of Indoles with Internal Alkynes via Câ€“H Bond Activation: Accessing a Pyrroloindolone Scaffold. Journal of Organic Chemistry, 2017, 82, 5263-5273.	3.2	45
63	A mild and regioselective Ullmann reaction of indazoles with aryliodides in water. Tetrahedron, 2017, 73, 172-178.	1.9	26
64	Discovery of Potent, Selective Stem Cell Factor Receptor/Platelet Derived Growth Factor Receptor Alpha (c-KIT/PDGFRÎ±) Dual Inhibitor for the Treatment of Imatinib-Resistant Gastrointestinal Stromal Tumors (GISTs). Journal of Medicinal Chemistry, 2017, 60, 5099-5119.	6.4	13
65	Discovery of new antimalarial agents: Second-generation dual inhibitors against FP-2 and PfDHFR via fragments assembely. Bioorganic and Medicinal Chemistry, 2017, 25, 6467-6478.	3.0	12
66	Structural Biology-Inspired Discovery of Novel KRASâ€“PDEÎ´ Inhibitors. Journal of Medicinal Chemistry, 2017, 60, 9400-9406.	6.4	26
67	Novel Inhibitors of Staphyloxanthin Virulence Factor in Comparison with Linezolid and Vancomycin versus Methicillin-Resistant, Linezolid-Resistant, and Vancomycin-Intermediate Staphylococcus aureus Infections in Vivo. Journal of Medicinal Chemistry, 2017, 60, 8145-8159.	6.4	21
68	Novel Vilazodoneâ€“Tacrine Hybrids as Potential Multitarget-Directed Ligands for the Treatment of Alzheimerâ€™s Disease Accompanied with Depression: Design, Synthesis, and Biological Evaluation. ACS Chemical Neuroscience, 2017, 8, 2708-2721.	3.5	32
69	Design, synthesis and biological evaluation of novel antitumor spirotetrahydrothiopyranâ€“oxindole derivatives as potent p53-MDM2 inhibitors. Bioorganic and Medicinal Chemistry, 2017, 25, 5268-5277.	3.0	17
70	TRPA1 channel mediates organophosphate-induced delayed neuropathy. Cell Discovery, 2017, 3, 17024.	6.7	21
71	Discovery of potent 2,4-difluoro-linker poly(ADP-ribose) polymerase 1 inhibitors with enhanced water solubility and in vivo anticancer efficacy. Acta Pharmacologica Sinica, 2017, 38, 1521-1532.	6.1	8
72	Discovery, mechanism and metabolism studies of 2,3-difluorophenyl-linker-containing PARP1 inhibitors with enhanced inÂvivo efficacy for cancer therapy. European Journal of Medicinal Chemistry, 2017, 138, 514-531.	5.5	18

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73	Chemical Structure-Related Drug-Like Criteria of Global Approved Drugs. Molecules, 2016, 21, 75.	3.8	61
74	Facile construction of pyrrolo[1,2-b]isoquinolin-10(5H)-ones via a redox-aminationâ€“aromatizationâ€“Friedelâ€“Crafts acylation cascade reaction and discovery of novel topoisomerase inhibitors. Chemical Communications, 2016, 52, 9593-9596.	4.1	8
75	Protective effects of BAY 73-6691, a selective inhibitor of phosphodiesterase 9, on amyloid-Î² peptides-induced oxidative stress in in-vivo and in-vitro models of Alzheimer's disease. Brain Research, 2016, 1642, 327-335.	2.2	32
76	Discovery of Benzocycloalkane Derivatives Efficiently Blocking Bacterial Virulence for the Treatment of Methicillin-Resistant S. aureus (MRSA) Infections by Targeting Diapophytoene Desaturase (CrtN). Journal of Medicinal Chemistry, 2016, 59, 4831-4848.	6.4	23
77	2-Arylbenzo[b]furan derivatives as potent human lipoxygenase inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 98-105.	5.2	13
78	Melting Point Distribution Analysis of Globally Approved and Discontinued Drugs: A Research for Improving the Chance of Success of Drug Design and Discovery. ChemistryOpen, 2016, 5, 357-368.	1.9	17
79	Development of Multifunctional Pyrimidinylthiourea Derivatives as Potential Anti-Alzheimer Agents. Journal of Medicinal Chemistry, 2016, 59, 8326-8344.	6.4	69
80	Small-molecule targeting of a diapophytoene desaturase inhibits S. aureus virulence. Nature Chemical Biology, 2016, 12, 174-179.	8.0	121
81	Discovery of Potent Benzofuran-Derived Diapophytoene Desaturase (CrtN) Inhibitors with Enhanced Oral Bioavailability for the Treatment of Methicillin-Resistant Staphylococcus aureus (MRSA) Infections. Journal of Medicinal Chemistry, 2016, 59, 3215-3230.	6.4	40
82	Design, Synthesis, and Biological Evaluation of Novel Nonsteroidal Farnesoidâ€…X Receptor (FXR) Antagonists: Molecular Basis of FXR Antagonism. ChemMedChem, 2015, 10, 1184-1199.	3.2	16
83	Discovery of Novel Small Molecule Anti-HCV Agents via the CypA Inhibitory Mechanism Using O-Acylation-Directed Lead Optimization. Molecules, 2015, 20, 10342-10359.	3.8	16
84	Total synthesis of the 2-arylbenzo[b]furan-containing natural products from Artocarpus. Tetrahedron Letters, 2015, 56, 4383-4387.	1.4	20
85	Luciferase Reporter Gene Assay on Human 5-HT Receptor: Which Response Element Should Be Chosen?. Scientific Reports, 2015, 5, 8060.	3.3	9
86	Organocatalytic Enantioselective Direct Additions of Aldehydes to 4-Vinylpyridines and Electron-Deficient Vinylarenes and Their Synthetic Applications. Journal of the American Chemical Society, 2015, 137, 2303-2310.	13.7	89
87	Scaffold Diversity Inspired by the Natural Product Evodiamine: Discovery of Highly Potent and Multitargeting Antitumor Agents. Journal of Medicinal Chemistry, 2015, 58, 6678-6696.	6.4	156
88	JX06 Selectively Inhibits Pyruvate Dehydrogenase Kinase PDK1 by a Covalent Cysteine Modification. Cancer Research, 2015, 75, 4923-4936.	0.9	61
89	I^{â•}/TBHP catalyzed C_{sp3}â€“N/C_{sp2}â€“N bond formation via oxidative coupling with benzophenone imine in water. Green Chemistry, 2015, 17, 4715-4719.	9.0	26
90	Policresulen, a novel NS2B/NS3 protease inhibitor, effectively inhibits the replication of DENV2 virus in BHK-21 cells. Acta Pharmacologica Sinica, 2015, 36, 1126-1136.	6.1	28

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91	Identification, synthesis and pharmacological evaluation of novel anti-EV71 agents via cyclophilin A inhibition. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 5682-5686.	2.2	11
92	Novel Carboline Derivatives as Potent Antifungal Lead Compounds: Design, Synthesis, and Biological Evaluation. ACS Medicinal Chemistry Letters, 2014, 5, 506-511.	2.8	49
93	Discovery and Optimization of 1,3,4-Trisubstituted-pyrazolone Derivatives as Novel, Potent, and Nonsteroidal Farnesoid X Receptor (FXR) Selective Antagonists. Journal of Medicinal Chemistry, 2012, 55, 7037-7053.	6.4	61
94	Discovery of Novel Small Molecule Inhibitors of Dengue Viral NS2B-NS3 Protease Using Virtual Screening and Scaffold Hopping. Journal of Medicinal Chemistry, 2012, 55, 6278-6293.	6.4	67
95	Synthesis of 3-substituted 1,5-aldehyde estersvia an organocatalytic highly enantioselective conjugate addition of new carbonylmethyl 2-pyridinylsulfone to enals. Chemical Communications, 2012, 48, 148-150.	4.1	12
96	Synthesis of Highly Functionalized Chiral 3,3â€²-Disubstituted Oxindoles via an Organocatalytic Enantioselective Michael Addition of Nitroalkanes to Indolylidenecyanoacetates. Organic Letters, 2012, 14, 134-137.	4.6	29
97	Organocatalytic enantioselective conjugate addition of ketones to isatylidine malononitriles. Chemical Communications, 2012, 48, 1692-1694.	4.1	59
98	Direct oxidative conversion of 3-aryl propionaldehydes to 3-aryl acroleins promoted by SOMO catalysis. Tetrahedron Letters, 2012, 53, 1207-1209.	1.4	13
99	Design and Synthesis of Small Molecule RhoA Inhibitors: A New Promising Therapy for Cardiovascular Diseases?. Journal of Medicinal Chemistry, 2011, 54, 4508-4522.	6.4	43
100	2-Amido-3-(1H-Indol-3-yl)-N-Substitued-Propanamides as a New Class of Falcipain-2 Inhibitors. 1. Design, Synthesis, Biological Evaluation and Binding Model Studies. Molecules, 2009, 14, 494-508.	3.8	10
101	Discovering Potent Small Molecule Inhibitors of Cyclophilin A Using de Novo Drug Design Approach. Journal of Medicinal Chemistry, 2009, 52, 5295-5298.	6.4	92
102	2-(3,4-Dihydro-4-Oxothieno[2,3-d]pyrimidin-2-ylthio) Acetamides as a New Class of Falcipain-2 Inhibitors. 3. Design, Synthesis and Biological Evaluation. Molecules, 2009, 14, 785-797.	3.8	10
103	Identification of Novel Falcipain-2 Inhibitors as Potential Antimalarial Agents through Structure-Based Virtual Screening. Journal of Medicinal Chemistry, 2009, 52, 4936-4940.	6.4	68
104	Discovery of a Novel CCR5 Antagonist Lead Compound Through Fragment Assembly. Molecules, 2008, 13, 2426-2441.	3.8	27
105	Colistin: the re-emerging antibiotic for multidrug-resistant Gram-negative bacterial infections. Lancet Infectious Diseases, The, 2006, 6, 589-601.	9.1	1,170