

# Bo Han

## List of Publications by Year in descending order

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89  
papers

2,269  
citations

172457

29  
h-index

265206

42  
g-index

91  
all docs

91  
docs citations

91  
times ranked

2162  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of the chemical constituents in <i>Cullen corylifolium</i> ethanolic extract by LC-MS/MS and GC-MS. <i>Natural Product Research</i> , 2023, 37, 1392-1396.	1.8	5
2	Stepwise tracking strategy to screen ingredient from <i>Galla Chinensis</i> based on the mass spectrometry guided preparative chromatography coupled with systems pharmacology. <i>Journal of Ethnopharmacology</i> , 2022, 284, 114533.	4.1	6
3	Organocatalytic asymmetric synthesis of multifunctionalized $\beta$ -carboline-spirooxindole hybrids that suppressed proliferation in colorectal cancer cells. <i>Organic Chemistry Frontiers</i> , 2022, 9, 1048-1055.	4.5	22
4	A "Valve-Closing" Starvation Strategy for Amplification of Tumor-Specific Chemotherapy. <i>Advanced Science</i> , 2022, 9, e2104671.	11.2	30
5	Construction of Oxo-Bridged Diazocines via Rhodium-Catalyzed (4+3) Cycloaddition of Carbonyl Ylides with Azoalkenes. <i>Organic Letters</i> , 2022, 24, 1362-1366.	4.6	4
6	All-in-One Theranostic Platform Based on Hollow Microcapsules for Intra-gastric Targeting Anti-ulcer Drug Delivery, CT Imaging, and Synergistically Healing Gastric Ulcer. <i>Small</i> , 2022, 18, e2104660.	10.0	10
7	Asymmetric inverse-electron-demand 1,3-dipolar cycloadditions of cyclopentadienones and thiophene-1,1-dioxide with <i>C</i> , <i>N</i> -cyclic azomethine imines. <i>Chemical Communications</i> , 2022, 58, 5502-5505.	4.1	8
8	Sulphur ylide-mediated cyclopropanation and subsequent spirocyclopropane rearrangement reactions. <i>Organic and Biomolecular Chemistry</i> , 2022, , .	2.8	2
9	Indole-Based Small Molecules as Potential Therapeutic Agents for the Treatment of Fibrosis. <i>Frontiers in Pharmacology</i> , 2022, 13, 845892.	3.5	21
10	Radical Acylalkylation of 1,3-Enynes To Access Allenic Ketones via <i>N</i> -Heterocyclic Carbene Organocatalysis. <i>Journal of Organic Chemistry</i> , 2022, 87, 5229-5241.	3.2	27
11	Advances in indole-containing alkaloids as potential anticancer agents by regulating autophagy. <i>Biomedicine and Pharmacotherapy</i> , 2022, 149, 112827.	5.6	21
12	Catalytic asymmetric [3 + 2] cycloaddition of pyrazolone-derived MBH carbonate: highly stereoselective construction of the bispiro-[pyrazolone-dihydropyrrole-oxindole] skeleton. <i>Chemical Communications</i> , 2022, 58, 5363-5366.	4.1	16
13	Targeting regulated cell death (RCD) with small-molecule compounds in triple-negative breast cancer: a revisited perspective from molecular mechanisms to targeted therapies. <i>Journal of Hematology and Oncology</i> , 2022, 15, 44.	17.0	44
14	Organocatalytic (5+1) benzannulation of Morita-Baylis-Hillman carbonates: synthesis of multisubstituted 4-benzylidene pyrazolones. <i>New Journal of Chemistry</i> , 2022, 46, 11617-11622.	2.8	8
15	Design and Application of Chiral Bifunctional 4-Pyrrolidinopyridines: Powerful Catalysts for Asymmetric Cycloaddition of Allylic <i>N</i> -Ylide. <i>ACS Catalysis</i> , 2022, 12, 7221-7232.	11.2	31
16	Single-Electron Transfer Reactions Enabled by <i>N</i> -Heterocyclic Carbene Organocatalysis. <i>Chemistry - A European Journal</i> , 2021, 27, 3238-3250.	3.3	78
17	Stereoselective synthesis of trifluoroethyl 3,2-spirooxindole $\beta$ -lactam through the organocatalytic cascade reaction of 3-((2,2,2-trifluoroethyl)amino)indolin-2-one. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 467-475.	2.8	8
18	Synthesis of spiro(indoline-2,3-hydropyridazine) <i>via</i> an $\alpha$ -water [4 + 2] annulation reaction. <i>Organic Chemistry Frontiers</i> , 2021, 8, 922-927.	4.5	13

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19	Highly Chemoselective [2+1] Annulation of $\alpha$ -Alkylidene Pyrazolones with $\alpha$ -Bromonitroalkenes: Synthesis of Pyrazolone-Based Vinylcyclopropanes and Computational Studies. <i>Journal of Organic Chemistry</i> , 2021, 86, 2582-2592.	3.2	5
20	Evodiamine alleviates lipopolysaccharide-induced pulmonary inflammation and fibrosis by activating apelin pathway. <i>Phytotherapy Research</i> , 2021, 35, 3406-3417.	5.8	16
21	Asymmetric Synthesis of Spirocyclopentane Oxindoles via [2+3] Annulation with $\alpha$ -oxindolin-3-yl malonitriles as 1,2-Carbon Bisnucleophiles. <i>Advanced Synthesis and Catalysis</i> , 2024, 363, 3283-3289.		16
22	Design, synthesis, and biological evaluation of nitroisoxazole-containing spiro[pyrrolidin-oxindole] derivatives as novel glutathione peroxidase 4/mouse double minute 2 dual inhibitors that inhibit breast adenocarcinoma cell proliferation. <i>European Journal of Medicinal Chemistry</i> , 2021, 217, 113359.	5.5	34
23	Chitosan coated pH-responsive metal-polyphenol delivery platform for melanoma chemotherapy. <i>Carbohydrate Polymers</i> , 2021, 264, 118000.	10.2	32
24	A Tumor-Specific Ferric-Coordinated Epigallocatechin-3-gallate cascade nanoreactor for glioblastoma therapy. <i>Journal of Advanced Research</i> , 2021, 34, 29-41.	9.5	22
25	Folic acid-functionalized tea polyphenol as a tumor-targeting nano-drug delivery system. <i>Materials and Design</i> , 2021, 206, 109805.	7.0	15
26	Dietary synbiotic ameliorates constipation through the modulation of gut microbiota and its metabolic function. <i>Food Research International</i> , 2021, 147, 110569.	6.2	25
27	Recent advances in the development of nanomedicines for the treatment of ischemic stroke. <i>Bioactive Materials</i> , 2021, 6, 2854-2869.	15.6	41
28	Construction of CF <sub>3</sub> -Functionalized Fully Substituted Benzonnitriles through Rauhut's Currier Reaction Initiated [3 + 3] Benzannulation. <i>Journal of Organic Chemistry</i> , 2021, 86, 14844-14854.	3.2	5
29	Determination of Quinic Acids in <i>Helichrysum arenarium</i> (L.) Moench by Ultrafiltration Affinity and Ultra-High-Performance Liquid Chromatography Coupled with Quadrupole-Time-of-Flight Mass Spectrometry (UF-UPLC-Q-TOF-MS). <i>Analytical Letters</i> , 2021, 54, 772-789.	1.8	1
30	ROS-responsive microcapsule assembly from Turkish galls for ulcerative colitis therapy. <i>New Journal of Chemistry</i> , 2021, 45, 21775-21787.	2.8	3
31	Radical Acylfluoroalkylation of Olefins through Heterocyclic Carbene Organocatalysis. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1863-1870.	13.8	153
32	Aconitine induces cardiomyocyte damage by mitigating BNIP3-dependent mitophagy and the TNF $\alpha$ -NLRP3 signalling axis. <i>Cell Proliferation</i> , 2020, 53, e12701.	5.3	53
33	Shikonin induces colorectal carcinoma cells apoptosis and autophagy by targeting galectin-1/JNK signaling axis. <i>International Journal of Biological Sciences</i> , 2020, 16, 147-161.	6.4	42
34	Substrate-directed chemo- and regioselective synthesis of polyfunctionalized trifluoromethylarenes via organocatalytic benzannulation. <i>Organic Chemistry Frontiers</i> , 2020, 7, 563-570.	4.5	17
35	Rational drug design, synthesis, and biological evaluation of novel chiral tetrahydronaphthalene-fused spirooxindole as MDM2-CDK4 dual inhibitor against glioblastoma. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 1492-1510.	12.0	56
36	Unconventional [2 + 3] Cyclization Involving [1,4]-Sulfonyl Transfer to Construct Polysubstituted Fluorazones as Inhibitors of Indoleamine 2,3-Dioxygenase 1. <i>Organic Letters</i> , 2020, 22, 7909-7914.	4.6	12

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37	Synthesis of polysubstituted arenes through organocatalytic benzannulation. <i>RSC Advances</i> , 2020, 10, 40983-41003.	3.6	17
38	Evodiamine has therapeutic efficacy in ulcerative colitis by increasing <i>Lactobacillus acidophilus</i> levels and acetate production. <i>Pharmacological Research</i> , 2020, 159, 104978.	7.1	52
39	Engineering a pH/Glutathione-Responsive Tea Polyphenol Nanodevice as an Apoptosis/Ferroptosis-Inducing Agent. <i>ACS Applied Bio Materials</i> , 2020, 3, 4128-4138.	4.6	31
40	Simultaneous determination of gallic acid, methyl gallate, and 1,3,6-tri-O-galloyl- $\beta$ -D-glucose from Turkish galls in rat plasma using liquid chromatography-tandem mass spectrometry and its application to pharmacokinetics study. <i>Biomedical Chromatography</i> , 2020, 34, e4916.	1.7	7
41	Regiodivergent construction of medium-sized heterocycles from vinyl ethylene carbonates and allylidenemalononitriles. <i>Chemical Science</i> , 2020, 11, 2888-2894.	7.4	87
42	Identification and Comparison of Tannins in Gall of <i>Rhus chinensis</i> Mill. and Gall of <i>Quercus infectoria</i> Oliv. by High-Performance Liquid Chromatography-Electrospray Mass Spectrometry. <i>Journal of Chromatographic Science</i> , 2020, 58, 403-410.	1.4	10
43	Recent Advances in Characterizing Natural Products that Regulate Autophagy. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020, 19, 2177-2196.	1.7	6
44	Stereocomplex Crystallite-Based Eco-Friendly Nanofiber Membranes for Removal of Cr(VI) and Antibacterial Effects. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 16072-16083.	6.7	27
45	Protecting Group-Directed Diastereodivergent Synthesis of Chiral Tetrahydronaphthalene-Fused Spirooxindoles via Bifunctional Tertiary Amine Catalysis. <i>Journal of Organic Chemistry</i> , 2019, 84, 10349-10361.	3.2	12
46	Bivalent SMAC Mimetics for Treating Cancer by Antagonizing Inhibitor of Apoptosis Proteins. <i>ChemMedChem</i> , 2019, 14, 1951-1962.	3.2	10
47	Highly Chemo- and Diastereoselective Construction of Quaternary Stereocenters through Palladium-Catalyzed [3 + 2] Cyclization of 5-Alkenyl Thiazolones. <i>Organic Letters</i> , 2019, 21, 7478-7483.	4.6	31
48	Stereoselective Assembly of Multifunctional Spirocyclohexene Pyrazolones That Induce Autophagy-Dependent Apoptosis in Colorectal Cancer Cells. <i>Journal of Organic Chemistry</i> , 2019, 84, 9138-9150.	3.2	34
49	A holistic view of gallic acid-induced attenuation in colitis based on microbiome-metabolomics analysis. <i>Food and Function</i> , 2019, 10, 4046-4061.	4.6	46
50	Hollow Microcapsules with Ulcerative Colitis Therapeutic Effects Made of Multifunctional Turkish Galls Extraction. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 25054-25065.	8.0	16
51	Development of a hybrid nanocarrier-recognizing tumor vasculature and penetrating the BBB for glioblastoma multi-targeting therapy. <i>Nanoscale</i> , 2019, 11, 11285-11304.	5.6	27
52	Systematic investigation of the mechanism of <i>Cichorium glandulosum</i> on type 2 diabetes mellitus accompanied with non-alcoholic fatty liver rats. <i>Food and Function</i> , 2019, 10, 2450-2460.	4.6	13
53	Three types of gut bacteria collaborating to improve Kui Jie™ an enema treat DSS-induced colitis in mice. <i>Biomedicine and Pharmacotherapy</i> , 2019, 113, 108751.	5.6	29
54	Improved anti-colorectal carcinomatosis effect of tannic acid co-loaded with oxaliplatin in nanoparticles encapsulated in thermosensitive hydrogel. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 128, 279-289.	4.0	64

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55	Changes Occurring in the Volatile Constituents of Flaxseed Oils (FSOs) Prepared with Diverse Roasting Conditions. <i>European Journal of Lipid Science and Technology</i> , 2019, 121, 1800068.	1.5	16
56	Chemo- and Stereoselective Cross Coupling Reaction of Tri-substituted Alkenes Containing Trifluoromethyl Groups. <i>Chemistry - A European Journal</i> , 2018, 24, 1947-1955.	3.3	17
57	The Effect and Mechanism of TLR9/KLF4 in FFA-Induced Adipocyte Inflammation. <i>Mediators of Inflammation</i> , 2018, 2018, 1-10.	3.0	24
58	Screening for active constituents in Turkish galls against ulcerative colitis by mass spectrometry guided preparative chromatography strategy: <i>in silico</i> , <i>in vitro</i> and <i>in vivo</i> study. <i>Food and Function</i> , 2018, 9, 5124-5138.	4.6	20
59	Hispidulin alleviates high-glucose-induced podocyte injury by regulating protective autophagy. <i>Biomedicine and Pharmacotherapy</i> , 2018, 104, 307-314.	5.6	36
60	Lipid-modified cell-penetrating peptide-based self-assembly micelles for co-delivery of narciclasine and siULK1 in hepatocellular carcinoma therapy. <i>Acta Biomaterialia</i> , 2018, 74, 414-429.	8.3	35
61	Potent Anti-adhesion Barrier Combined Biodegradable Hydrogel with Multifunctional Turkish Galls Extract. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 24469-24479.	8.0	36
62	Application of organocatalysis in bioorganometallic chemistry: asymmetric synthesis of multifunctionalized spirocyclic pyrazolone-ferrocene hybrids as novel RalA inhibitors. <i>Organic Chemistry Frontiers</i> , 2018, 5, 2229-2233.	4.5	45
63	Self-Assembled Bifunctional Peptide as Effective Drug Delivery Vector with Powerful Antitumor Activity. <i>Advanced Science</i> , 2017, 4, 1600285.	11.2	29
64	A Systems Pharmacology Approach to Determine Active Compounds and Action Mechanisms of Xipayi Kuijie™ an enema for Treatment of Ulcerative colitis. <i>Scientific Reports</i> , 2017, 7, 1189.	3.3	33
65	Targeted metabolomics analysis of aromatic amino acids and their gut microbiota-host metabolites in rat serum and urine by liquid chromatography coupled with tandem mass spectrometry. <i>Journal of Separation Science</i> , 2017, 40, 3221-3230.	2.5	11
66	Catalyst-free [3 + 2] cyclization of imines and Morita-Baylis-Hillman carbonates: a general route to tetrahydropyrrolo[2,1-a]isoquinolines and dihydropyrrolo[2,1-a]isoquinolines. <i>Organic Chemistry Frontiers</i> , 2017, 4, 2128-2133.	4.5	43
67	Organocatalytic Asymmetric Synthesis of Spiro-oxindole Piperidine Derivatives That Reduce Cancer Cell Proliferation by Inhibiting MDM2-p53 Interaction. <i>Organic Letters</i> , 2017, 19, 6752-6755.	4.6	78
68	Preparation of ellagic acid molecularly imprinted polymeric microspheres based on distillation-precipitation polymerization for the efficient purification of a crude extract. <i>Journal of Separation Science</i> , 2016, 39, 3098-3104.	2.5	19
69	The Comparison of Cinnamomi Cortex and Cinnamomum burmannii Blume Using 1H NMR and GC-MS Combined with Multivariate Data Analysis. <i>Food Analytical Methods</i> , 2016, 9, 2419-2428.	2.6	5
70	Target-based metabolomics for the quantitative measurement of 37 pathway metabolites in rat brain and serum using hydrophilic interaction ultra-high-performance liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 2527-2542.	3.7	33
71	Frontispiece: Core-Scaffold-Inspired Asymmetric Synthesis of Polysubstituted Chiral Hexahydropyridazines that Potently Inhibit Breast Cancer Cell Proliferation by Inducing Apoptosis. <i>Chemistry - A European Journal</i> , 2015, 21, .	3.3	0
72	Core-Scaffold-Inspired Asymmetric Synthesis of Polysubstituted Chiral Hexahydropyridazines that Potently Inhibit Breast Cancer Cell Proliferation by Inducing Apoptosis. <i>Chemistry - A European Journal</i> , 2015, 21, 18100-18108.	3.3	21

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73	Blast-Induced Damage on Millisecond Blasting Model Test with Multicircle Vertical Blastholes. <i>Shock and Vibration</i> , 2015, 2015, 1-6.	0.6	4
74	Improved blood-brain barrier distribution: Effect of borneol on the brain pharmacokinetics of kaempferol in rats by in vivo microdialysis sampling. <i>Journal of Ethnopharmacology</i> , 2015, 162, 270-277.	4.1	72
75	Asymmetric Synthesis of Cyclohexane-Fused Drug-Like Spirocyclic Scaffolds Containing Six Contiguous Stereogenic Centers via Organocatalytic Cascade Reactions. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 561-568.	4.3	110
76	An integrated metabolomics and microbiology analysis of host-microbiota metabolic interactions in rats with <i>Coptis chinensis</i> -induced diarrhea. <i>RSC Advances</i> , 2015, 5, 79329-79341.	3.6	22
77	The Long-Term Fate and Toxicity of PEG-Modified Single-Walled Carbon Nanotube Isoliquiritigenin Delivery Vehicles in Rats. <i>Journal of Nanomaterials</i> , 2014, 2014, 1-8.	2.7	5
78	Cardioprotective Effect of the Aqueous Extract of Lavender Flower against Myocardial Ischemia/Reperfusion Injury. <i>Journal of Chemistry</i> , 2014, 2014, 1-6.	1.9	4
79	Alteronol inhibits the invasion and metastasis of B16F10 and B16F1 melanoma cells in vitro and in vivo. <i>Life Sciences</i> , 2014, 98, 31-38.	4.3	8
80	Organocatalytic Morita-Baylis-Hillman/Michael/Acetalization Cascade: Procedure-Controlled Diastereodivergence in the Asymmetric Synthesis of Fully Substituted Tetrahydropyrans. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 3676-3682.	4.3	32
81	One-Pot Asymmetric Synthesis of Substituted Tetrahydrofurans via a Multicatalytic Benzoin/Michael/Acetalization Cascade. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 2311-2319.	4.3	19
82	Determination of Isoliquiritigenin and Its Distribution in Mice by Synchronous Fluorescence Spectrometry. <i>Analytical Sciences</i> , 2011, 27, 1115-1119.	1.6	7
83	Isoliquiritigenin extracted from licorice <i>Glycyrrhiza uralensis</i> roots by a facile conversion technique. <i>Chemistry of Natural Compounds</i> , 2010, 46, 523-527.	0.8	5
84	Combined Effects of Phosphatidylcholine and Demineralized Bone Matrix on Bone Induction. <i>Connective Tissue Research</i> , 2003, 44, 160-166.	2.3	27
85	Penta-Coordinate Phosphorus Compounds and Biochemistry. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2002, 177, 1391-1396.	1.6	4
86	A Convenient Two-Step One-Pot Synthesis of Alkylthiophosphoramidates Derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2002, 177, 641-646.	1.6	4
87	A STEPWISE ONE POT SYNTHESIS OF ALKYL THIOPHOSPHORAMIDATE DERIVATIVES OF NUCLEOSIDES. <i>Synthetic Communications</i> , 2002, 32, 1159-1167.	2.1	8
88	Penta-coordinate phosphorous compounds and biochemistry. <i>Science in China Series B: Chemistry</i> , 2002, 45, 337-348.	0.8	14
89	Studies on Synthesis and Intramolecular Catalyzed Hydrolysis of Thiophosphoramidate Derivatives of Nucleoside. <i>Chinese Journal of Chemistry</i> , 2002, 20, 1434-1438.	4.9	0