

# Bin Hong

## List of Publications by Year in descending order

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62  
papers

1,260  
citations

394421

19  
h-index

414414

32  
g-index

65  
all docs

65  
docs citations

65  
times ranked

1677  
citing authors

#	ARTICLE	IF	CITATIONS
1	MicroRNAs 185, 96, and 223 Repress Selective High-Density Lipoprotein Cholesterol Uptake through Posttranscriptional Inhibition. <i>Molecular and Cellular Biology</i> , 2013, 33, 1956-1964.	2.3	144
2	Butyrate protects against high-fat diet-induced atherosclerosis via upregulating ABCA1 expression in apolipoprotein E deficiency mice. <i>British Journal of Pharmacology</i> , 2020, 177, 1754-1772.	5.4	96
3	Berberine attenuates choline-induced atherosclerosis by inhibiting trimethylamine and trimethylamine-N-oxide production via manipulating the gut microbiome. <i>Npj Biofilms and Microbiomes</i> , 2021, 7, 36.	6.4	81
4	Salvianolic acid B inhibits macrophage uptake of modified low density lipoprotein (mLDL) in a scavenger receptor CD36-dependent manner. <i>Atherosclerosis</i> , 2012, 223, 152-159.	0.8	72
5	microRNA-185 modulates low density lipoprotein receptor expression as a key posttranscriptional regulator. <i>Atherosclerosis</i> , 2015, 243, 523-532.	0.8	60
6	Rutaecarpine suppresses atherosclerosis in ApoE <sup>-/-</sup> mice through upregulating ABCA1 and SR-BI within RCT. <i>Journal of Lipid Research</i> , 2014, 55, 1634-1647.	4.2	53
7	Discovery of Antagonists for Human Scavenger Receptor CD36 via an ELISA-Like High-Throughput Screening Assay. <i>Journal of Biomolecular Screening</i> , 2010, 15, 239-250.	2.6	47
8	SsaA, a Member of a Novel Class of Transcriptional Regulators, Controls Sansanmycin Production in <i>Streptomyces</i> sp. Strain SS through a Feedback Mechanism. <i>Journal of Bacteriology</i> , 2013, 195, 2232-2243.	2.2	36
9	A small-molecule inhibitor of PCSK9 transcription ameliorates atherosclerosis through the modulation of FoxO1/3 and HNF1 $\alpha$ . <i>EBioMedicine</i> , 2020, 52, 102650.	6.1	36
10	Identification of Upregulators of Human ATP-Binding Cassette Transporter A1 via High-Throughput Screening of a Synthetic and Natural Compound Library. <i>Journal of Biomolecular Screening</i> , 2008, 13, 648-656.	2.6	35
11	Streptomycin production by <i>Streptomyces griseus</i> can be modulated by a mechanism not associated with change in the adpA component of the A-factor cascade. <i>Biotechnology Letters</i> , 2006, 29, 57-64.	2.2	31
12	Identification of trichostatin A as a novel transcriptional up-regulator of scavenger receptor BI both in HepG2 and RAW 264.7 cells. <i>Atherosclerosis</i> , 2009, 204, 127-135.	0.8	28
13	Binding of a biosynthetic intermediate to AtrA modulates the production of lidamycin by <i>Streptomyces globisporus</i> . <i>Molecular Microbiology</i> , 2015, 96, 1257-1271.	2.5	28
14	Identification of novel mureidomycin analogues via rational activation of a cryptic gene cluster in <i>Streptomyces roseosporus</i> NRRL 15998. <i>Scientific Reports</i> , 2015, 5, 14111.	3.3	27
15	Identification of an anti-Gram-negative bacteria agent disrupting the interaction between lipopolysaccharide transporters LptA and LptC. <i>International Journal of Antimicrobial Agents</i> , 2019, 53, 442-448.	2.5	27
16	NRPS Substrate Promiscuity Leads to More Potent Antitubercular Sansanmycin Analogues. <i>Journal of Natural Products</i> , 2014, 77, 1744-1748.	3.0	26
17	Production of C-Terminal Amidated Recombinant Salmon Calcitonin in <i>Streptomyces lividans</i> . <i>Applied Biochemistry and Biotechnology</i> , 2003, 110, 113-123.	2.9	24
18	Biosynthesis of antibiotic chuangxinmycin from <i>Actinoplanes tsinanensis</i> . <i>Acta Pharmaceutica Sinica B</i> , 2018, 8, 283-294.	12.0	22

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19	Entecavir therapy reverses gut microbiota dysbiosis induced by hepatitis B virus infection in a mouse model. <i>International Journal of Antimicrobial Agents</i> , 2020, 56, 106000.	2.5	21
20	The Cytochrome P450 Catalyzing C-S Bond Formation in Heterocyclization of Chuangxinmycin Biosynthesis. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15399-15404.	13.8	20
21	Complete genome sequence of <i>Streptomyces globisporus</i> C-1027, the producer of an enediyne antibiotic lidamycin. <i>Journal of Biotechnology</i> , 2016, 222, 9-10.	3.8	19
22	Improving the N-terminal diversity of sansanmycin through mutasynthesis. <i>Microbial Cell Factories</i> , 2016, 15, 77.	4.0	17
23	Role of <i>sgcR3</i> in positive regulation of enediyne antibiotic C-1027 production of <i>Streptomyces globisporus</i> C-1027. <i>BMC Microbiology</i> , 2009, 9, 14.	3.3	16
24	Identification of two antagonists of the scavenger receptor CD36 using a high-throughput screening model. <i>Analytical Biochemistry</i> , 2010, 400, 207-212.	2.4	15
25	Precursor-directed biosynthesis of new sansanmycin analogs bearing para-substituted-phenylalanines with high yields. <i>Journal of Antibiotics</i> , 2016, 69, 765-768.	2.0	14
26	Exploring novel herbicidin analogues by transcriptional regulator overexpression and MS/MS molecular networking. <i>Microbial Cell Factories</i> , 2019, 18, 175.	4.0	14
27	Draft Genome Sequence of <i>Streptomyces globisporus</i> C-1027, Which Produces an Antitumor Antibiotic Consisting of a Nine-Membered Enediyne with a Chromoprotein. <i>Journal of Bacteriology</i> , 2012, 194, 4144-4144.	2.2	13
28	Identification of trichostatin derivatives from <i>Streptomyces</i> sp. CPCC 203909. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 562-565.	2.2	13
29	Structure-activity relationship and biological evaluation of berberine derivatives as PCSK9 down-regulating agents. <i>Bioorganic Chemistry</i> , 2021, 113, 104994.	4.1	13
30	Identifying Small-Molecule Inhibitors of SARS-CoV-2 RNA-Dependent RNA Polymerase by Establishing a Fluorometric Assay. <i>Frontiers in Immunology</i> , 2022, 13, 844749.	4.8	13
31	Mycophenolic acid induces ATP-binding cassette transporter A1 (ABCA1) expression through the PPAR $\gamma$ -LXR $\beta$ -ABCA1 pathway. <i>Biochemical and Biophysical Research Communications</i> , 2011, 414, 779-782.	2.1	12
32	Application of untargeted tandem mass spectrometry with molecular networking for detection of enniatins and beauvericins from complex samples. <i>Journal of Chromatography A</i> , 2020, 1634, 461626.	3.7	12
33	Hangtaimycin, a peptide secondary metabolite discovered from <i>Streptomyces spectabilis</i> CPCC 200148 by chemical screening. <i>Journal of Antibiotics</i> , 2016, 69, 835-838.	2.0	11
34	Heterologous expression of human interleukin-6 in <i>Streptomyces lividans</i> TK24 using novel secretory expression vectors. <i>Biotechnology Letters</i> , 2011, 33, 253-261.	2.2	10
35	The human gut microbiome - a new and exciting avenue in cardiovascular drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2019, 14, 1037-1052.	5.0	10
36	Disruption of <i>cagA</i> , the apoprotein gene of chromoprotein antibiotic C-1027, eliminates holo-antibiotic production, but not the cytotoxic chromophore. <i>FEMS Microbiology Letters</i> , 2009, 301, 57-68.	1.8	9

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37	Synthesis and structure-activity relationship of N-(2-arylethyl) isoquinoline derivatives as human scavenger receptor CD36 antagonists. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 1066-1073.	5.5	9
38	Metformin alleviates choline diet-induced TMAO elevation in C57BL/6J mice by influencing gut-microbiota composition and functionality. <i>Nutrition and Diabetes</i> , 2021, 11, 27.	3.2	9
39	MicroRNA-185 modulates CYP7A1 mediated cholesterol-bile acid metabolism through post-transcriptional and post-translational regulation of FoxO1. <i>Atherosclerosis</i> , 2022, 348, 56-67.	0.8	9
40	High-density lipoprotein-based drug discovery for treatment of atherosclerosis. <i>Expert Opinion on Drug Discovery</i> , 2015, 10, 841-855.	5.0	8
41	Low-density lipoprotein upregulate SR-BI through Sp1 Ser702 phosphorylation in hepatic cells. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016, 1861, 1066-1075.	2.4	8
42	Structure-based manual screening and automatic networking for systematically exploring sansanmycin analogues using high performance liquid chromatography tandem mass spectroscopy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 158, 94-105.	2.8	8
43	E17241 as a Novel ABCA1 (ATP-Binding Cassette Transporter A1) Upregulator Ameliorates Atherosclerosis in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, e284-e298.	2.4	8
44	A novel compound 4010B-30 upregulates apolipoprotein A-I gene expression through activation of PPAR $\beta$ in HepG2 cells. <i>Atherosclerosis</i> , 2015, 239, 589-598.	0.8	7
45	Complete genome sequence of <i>Amycolatopsis orientalis</i> CPCC200066, the producer of norvancomycin. <i>Journal of Biotechnology</i> , 2017, 247, 6-10.	3.8	7
46	Substituted Benzamides Containing Azaspiro Rings as Upregulators of Apolipoprotein A-I Transcription. <i>Molecules</i> , 2012, 17, 7379-7386.	3.8	6
47	Three structurally-related impurities in norvancomycin drug substance. <i>Journal of Antibiotics</i> , 2017, 70, 158-165.	2.0	6
48	Comparative genomics and transcriptomics analyses provide insights into the high yield and regulatory mechanism of Norvancomycin biosynthesis in <i>Amycolatopsis orientalis</i> NCPC 2-48. <i>Microbial Cell Factories</i> , 2021, 20, 28.	4.0	6
49	Antisense microRNA185 loaded liposome for efficient inhibition of the hepatic endogenous microRNA185 level. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 161, 105803.	4.0	6
50	How can high-throughput screening deliver drugs to treat atherosclerosis?. <i>Expert Opinion on Drug Discovery</i> , 2010, 5, 1175-1188.	5.0	5
51	Draft Genome Sequence of <i>Streptomyces</i> sp. Strain SS, Which Produces a Series of Uridyl Peptide Antibiotic Sansanmycins. <i>Journal of Bacteriology</i> , 2012, 194, 6988-6989.	2.2	5
52	Advances in the role of microRNAs in lipid metabolism-related anti-atherosclerotic drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2013, 8, 977-990.	5.0	5
53	Rescrutiny of the sansanmycin biosynthetic gene cluster leads to the discovery of a novel sansanmycin analogue with more potency against <i>Mycobacterium tuberculosis</i> . <i>Journal of Antibiotics</i> , 2019, 72, 769-774.	2.0	5
54	Cytochrome P450 Monooxygenase for Catalyzing C-42 Hydroxylation of the Glycine-Derived Fragment in Hangtaimycin Biosynthesis. <i>Organic Letters</i> , 2022, 24, 1388-1393.	4.6	5

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55	Draft Genome Sequence of Norvancomycin-Producing Strain <i>Amycolatopsis orientalis</i> CPCC200066. <i>Genome Announcements</i> , 2015, 3, .	0.8	4
56	Identification of Novel Compounds Enhancing SR-BI mRNA Stability through High-Throughput Screening. <i>SLAS Discovery</i> , 2020, 25, 397-408.	2.7	2
57	The Cytochrome P450 Catalyzing C-S Bond Formation in S-Heterocyclization of Chuangxinmycin Biosynthesis. <i>Angewandte Chemie</i> , 2021, 133, 15527-15532.	2.0	2
58	Mintaimycins, a Group of Novel Peptide Metabolites from <i>Micromonospora</i> sp. C-3509. <i>Molecules</i> , 2022, 27, 1150.	3.8	2
59	Multi-Omics-Guided Discovery of Omicsynins Produced by <i>Streptomyces</i> sp. 1647: Pseudo-Tetrapeptides Active Against Influenza A Viruses and Coronavirus HCoV-229E. <i>Engineering</i> , 2022, 16, 176-186.	6.7	1
60	Draft Genome Sequence of Teicoplanin-Producing Strain <i>Actinoplanes teichomyceticus</i> CPCC 203265. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	1
61	Treating chronic diseases by regulating the gut microbiota. <i>Engineering</i> , 2021, , .	6.7	1
62	Draft Genome Sequence of <i>Streptomyces</i> sp. Strain I05A-00742, Isolated in Shangri-La, China. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	0