

# Yong Huang

## List of Publications by Year in descending order

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81  
papers

1,738  
citations

279798

23  
h-index

330143

37  
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94  
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94  
docs citations

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times ranked

2177  
citing authors

#	ARTICLE	IF	CITATIONS
1	Undescribed benzophenone and xanthenes from cave-derived <i>Streptomyces</i> sp. CB09001. <i>Natural Product Research</i> , 2022, 36, 1725-1733.	1.8	4
2	A point cloud-based deep learning strategy for protein-ligand binding affinity prediction. <i>Briefings in Bioinformatics</i> , 2022, 23, .	6.5	21
3	Infection microenvironment-related antibacterial nanotherapeutic strategies. <i>Biomaterials</i> , 2022, 280, 121249.	11.4	98
4	Liposome-Encapsulated Tiansimycin A Is Active against Melanoma and Metastatic Breast Tumors: The Effect of cRGD Modification of the Liposomal Carrier and Tiansimycin A Dose on Drug Activity and Toxicity. <i>Molecular Pharmaceutics</i> , 2022, 19, 1078-1090.	4.6	9
5	Sustained Release of Co-Amorphous Matrine-Type Alkaloids and Resveratrol with Anti-COVID-19 Potential. <i>Pharmaceutics</i> , 2022, 14, 603.	4.5	12
6	Characterization of co-amorphous sinomenine-tranilast systems with strong intermolecular interactions and sustained release profiles. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 71, 103296.	3.0	2
7	Fatty Acid Synthase Inhibitor Platensimycin Intervenes the Development of Nonalcoholic Fatty Liver Disease in a Mouse Model. <i>Biomedicines</i> , 2022, 10, 5.	3.2	7
8	Morphing Natural Product Platensimycin via Heck, Sonogashira, and One-Pot Sonogashira/Cycloaddition Reactions to Produce Antibiotics with In Vivo Activity. <i>Antibiotics</i> , 2022, 11, 425.	3.7	0
9	Degradation of mirubactin to multiple siderophores with varying Fe(III) chelation properties. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 5066-5070.	2.8	3
10	Syn-2, 3-diols and anti-inflammatory indole derivatives from <i>Streptomyces</i> sp. CB09001. <i>Natural Product Research</i> , 2021, 35, 144-151.	1.8	11
11	Semisynthesis and Biological Evaluation of Platencin Thioether Derivatives: Dual FabF and FabH Inhibitors against MRSA. <i>ACS Medicinal Chemistry Letters</i> , 2021, 12, 433-442.	2.8	8
12	Sinomenine-phenolic acid coamorphous drug systems: Solubilization, sustained release, and improved physical stability. <i>International Journal of Pharmaceutics</i> , 2021, 598, 120389.	5.2	18
13	Bioactive $\beta$ -Pyrene Derivatives from the Endophytic Fungus <i>Diaporthe</i> sp. CB10100 as Inducible Nitric Oxide Synthase Inhibitors. <i>Frontiers in Chemistry</i> , 2021, 9, 679592.	3.6	5
14	Integrating Constituents Absorbed into Blood, Network Pharmacology, and Quantitative Analysis to Reveal the Active Components in <i>Rubus chingii</i> var. <i>suavissimus</i> that Regulate Lipid Metabolism Disorder. <i>Frontiers in Pharmacology</i> , 2021, 12, 630198.	3.5	0
15	Characterization of the complete chloroplast genome of <i>Lonicera similis</i> (Caprifoliaceae). <i>Mitochondrial DNA Part B: Resources</i> , 2021, 6, 3067-3069.	0.4	1
16	Yield improvement of enediynes yangpunicins in <i>Micromonospora yangpuensis</i> through ribosome engineering and fermentation optimization. <i>Biotechnology Journal</i> , 2021, 16, 2100250.	3.5	2
17	Synthesis and biological evaluation of platensic alcohol as an adamantane surrogate in antitumor drug lead adaphostin. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 48, 128270.	2.2	1
18	Co-amorphous systems of sinomenine with nonsteroidal anti-inflammatory drugs: A strategy for solubility improvement, sustained release, and drug combination therapy against rheumatoid arthritis. <i>International Journal of Pharmaceutics</i> , 2021, 606, 120894.	5.2	21

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19	Nanoparticle-Hydrogel Systems Containing Platensimycin for Local Treatment of Methicillin-Resistant <i>Staphylococcus aureus</i> Infection. <i>Molecular Pharmaceutics</i> , 2021, 18, 4099-4110.	4.6	8
20	Discovery of a DNA Topoisomerase I Inhibitor Huanglongmycin N and Its Congeners from <i>Streptomyces</i> sp. CB09001. <i>Journal of Organic Chemistry</i> , 2021, 86, 16675-16683.	3.2	2
21	Characterization of Chalkophomycin, a Copper(II) Metallophore with an Unprecedented Molecular Architecture. <i>Journal of the American Chemical Society</i> , 2021, 143, 20579-20584.	13.7	18
22	Association of Pharmacogenetic Markers With Atazanavir Exposure in HIV-Infected Women. <i>Clinical Pharmacology and Therapeutics</i> , 2020, 107, 315-318.	4.7	2
23	Activation and Characterization of Bohemamine Biosynthetic Gene Cluster from <i>Streptomyces</i> sp. CB02009. <i>Organic Letters</i> , 2020, 22, 4614-4619.	4.6	14
24	Platensimycin-Encapsulated Liposomes or Micelles as Biosafe Nanoantibiotics Exhibited Strong Antibacterial Activities against Methicillin-Resistant <i>Staphylococcus aureus</i> Infection in Mice. <i>Molecular Pharmaceutics</i> , 2020, 17, 2451-2462.	4.6	19
25	Genome shuffling based on different types of ribosome engineering mutants for enhanced production of 10-membered enediyne tiancimycin-A. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 4359-4369.	3.6	16
26	The Isolation of Pyrroloformamide Congeners and Characterization of Their Biosynthetic Gene Cluster. <i>Journal of Natural Products</i> , 2020, 83, 202-209.	3.0	5
27	Platensimycin-Encapsulated Poly(lactic-co-glycolic acid) and Poly(amidoamine) Dendrimers Nanoparticles with Enhanced Anti-Staphylococcal Activity in Vivo. <i>Bioconjugate Chemistry</i> , 2020, 31, 1425-1437.	3.6	22
28	A 3-hydroxy- $\beta$ -methylglutaryl-CoA synthase-based probe for the discovery of the acyltransferase-less type I polyketide synthases. <i>Environmental Microbiology</i> , 2019, 21, 4270-4282.	3.8	1
29	<i>Eurotium cristatum</i> , a potential probiotic fungus from Fuzhuan brick tea, alleviated obesity in mice by modulating gut microbiota. <i>Food and Function</i> , 2019, 10, 5032-5045.	4.6	61
30	The Application of Ribosome Engineering to Natural Product Discovery and Yield Improvement in <i>Streptomyces</i> . <i>Antibiotics</i> , 2019, 8, 133.	3.7	34
31	Yangpomicins F and G, Enediyne Congeners from <i>Micromonospora yangpuensis</i> DSM 45577. <i>Journal of Natural Products</i> , 2019, 82, 2483-2488.	3.0	23
32	Evaluation of Platensimycin and Platensimycin-Inspired Thioether Analogues against Methicillin-Resistant <i>Staphylococcus aureus</i> in Topical and Systemic Infection Mouse Models. <i>Molecular Pharmaceutics</i> , 2019, 16, 3065-3071.	4.6	20
33	Late-Stage Functionalization of Platensimycin Leading to Multiple Analogues with Improved Antibacterial Activity in Vitro and in Vivo. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 6682-6693.	6.4	14
34	Recycling of Chinese herb residues by endophytic and probiotic fungus <i>Aspergillus cristatus</i> CB10002 for the production of medicinal valuable anthraquinones. <i>Microbial Cell Factories</i> , 2019, 18, 102.	4.0	27
35	Discovery of gas vesicles in <i>Streptomyces</i> sp. CB03234-S and potential effects of gas vesicle gene overexpression on morphological and metabolic changes in streptomycetes. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 5751-5761.	3.6	12
36	Discovery of Kirromycins with Anti-Wolbachia Activity from <i>Streptomyces</i> sp. CB00686. <i>ACS Chemical Biology</i> , 2019, 14, 1174-1182.	3.4	7

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37	Semisynthesis of 3-Hydroxyoxindole Rapamycin Analogues Through Site- and Stereoselective Trapping of Oxonium Ylides in Rh <sup>II</sup> -Catalyzed Three-Component Reactions. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 2914-2918.	2.4	5
38	Isolation and Characterization of Benzaldehyde Derivatives with Anti-Inflammatory Activities from <i>Eurotium cristatum</i> , the Dominant Fungi Species in Fuzhuan Brick Tea. <i>ACS Omega</i> , 2019, 4, 6630-6636.	3.5	26
39	Stereoselective functionalization of platensimycin and platencin by sulfa-Michael/aldol reactions. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 4261-4272.	2.8	5
40	Streptomycin-induced ribosome engineering complemented with fermentation optimization for enhanced production of 10-membered enediyne tiancimycin A and tiancimycin D. <i>Biotechnology and Bioengineering</i> , 2019, 116, 1304-1314.	3.3	28
41	Herbicidins from <i>Streptomyces</i> sp. CB01388 Showing Anti- <i>Cryptosporidium</i> Activity. <i>Journal of Natural Products</i> , 2018, 81, 791-797.	3.0	12
42	The semi-synthesis, biological evaluation and docking analysis of the oxime, hydrazine and hydrazide derivatives of platensimycin. <i>MedChemComm</i> , 2018, 9, 789-794.	3.4	12
43	Ribosome engineering and fermentation optimization leads to overproduction of tiancimycin A, a new enediyne natural product from <i>Streptomyces</i> sp. CB03234. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2018, 45, 141-151.	3.0	29
44	Biomimetic Stereoselective Sulfa-Michael Addition Leads to Platensimycin and Platencin Sulfur Analogues against Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Journal of Natural Products</i> , 2018, 81, 316-322.	3.0	17
45	Discovery of Alternative Producers of the Enediyne Antitumor Antibiotic C-1027 with High Titters. <i>Journal of Natural Products</i> , 2018, 81, 594-599.	3.0	13
46	Strain improvement by combined UV mutagenesis and ribosome engineering and subsequent fermentation optimization for enhanced 6-deoxy-bleomycin Z production. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 1651-1661.	3.6	25
47	A Genome-Wide Association Study Identifies a Candidate Gene Associated With Atazanavir Exposure Measured in Hair. <i>Clinical Pharmacology and Therapeutics</i> , 2018, 104, 949-956.	4.7	1
48	Semisynthesis and Biological Evaluation of Platensimycin Analogues with Varying Aminobenzoic Acids. <i>ChemistrySelect</i> , 2018, 3, 12625-12629.	1.5	6
49	Semisynthesis of Platensimycin Derivatives with Antibiotic Activities in Mice via Suzuki-Miyaura Cross-Coupling Reactions. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 11341-11348.	6.4	14
50	Metabolomics reveals immunomodulation as a possible mechanism for the antibiotic effect of <i>Persicaria capitata</i> (Buch.-Ham. ex D. Don) H.Gross. <i>Metabolomics</i> , 2018, 14, 91.	3.0	6
51	Huanglongmycin A-C, Cytotoxic Polyketides Biosynthesized by a Putative Type II Polyketide Synthase From <i>Streptomyces</i> sp. CB09001. <i>Frontiers in Chemistry</i> , 2018, 6, 254.	3.6	28
52	The discovery and development of microbial bleomycin analogues. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 6791-6798.	3.6	17
53	Biosynthesis of thiocarboxylic acid-containing natural products. <i>Nature Communications</i> , 2018, 9, 2362.	12.8	26
54	A facile semi-synthetic approach towards halogen-substituted aminobenzoic acid analogues of platensimycin. <i>Tetrahedron</i> , 2017, 73, 771-775.	1.9	11

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55	Discovery of the leinamycin family of natural products by mining actinobacterial genomes. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E11131-E11140.	7.1	84
56	Germicidins Hâ€“J from Streptomyces sp. CBO0361. Journal of Antibiotics, 2017, 70, 200-203.	2.0	11
57	New isofuranonaphthoquinones and isoindolequinones from Streptomyces sp. CBO1883. Journal of Antibiotics, 2017, 70, 414-422.	2.0	7
58	Metabolic phenotyping in the mouse model of urinary tract infection shows that 3-hydroxybutyrate in plasma is associated with infection. PLoS ONE, 2017, 12, e0186497.	2.5	5
59	Herb-Drug Interaction: Effects of Relinqingâ„® Granule on the Pharmacokinetics of Ciprofloxacin, Sulfamethoxazole, and Trimethoprim in Rats. Evidence-based Complementary and Alternative Medicine, 2016, 2016, 1-6.	1.2	6
60	MicroRNA-133b inhibits the migration and invasion of non small cell lung cancer cells via targeting FSCN1. Oncology Letters, 2016, 12, 3619-3625.	1.8	18
61	Strain Prioritization and Genome Mining for Eneidyne Natural Products. MBio, 2016, 7, .	4.1	89
62	Titer improvement and pilot-scale production of platensimycin from <i>Streptomyces platensis</i> SB12026. Journal of Industrial Microbiology and Biotechnology, 2016, 43, 1027-1035.	3.0	25
63	Characterization of LnmO as a pathway-specific Crp/Fnr-type positive regulator for leinamycin biosynthesis in Streptomyces atroolivaceus and its application for titer improvement. Applied Microbiology and Biotechnology, 2016, 100, 10555-10562.	3.6	11
64	Characterization of the Ketosynthase and Acyl Carrier Protein Domains at the LnmI Nonribosomal Peptide Synthetaseâ€“Polyketide Synthase Interface for Leinamycin Biosynthesis. Organic Letters, 2016, 18, 4288-4291.	4.6	13
65	A UPLC-MS Method for Simultaneous Determination of Geniposidic Acid, Two Lignans and Phenolics in Rat Plasma and its Application to Pharmacokinetic Studies of Eucommia ulmoides Extract in Rats. European Journal of Drug Metabolism and Pharmacokinetics, 2016, 41, 595-603.	1.6	8
66	CD4/CD8 Ratio and KT Ratio Predict Yellow Fever Vaccine Immunogenicity in HIV-Infected Patients. PLoS Neglected Tropical Diseases, 2016, 10, e0005219.	3.0	50
67	Leinamycin E1 acting as an anticancer prodrug activated by reactive oxygen species. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 8278-8283.	7.1	45
68	A UPLCâ€“MS/MS method for simultaneous determination of danshensu, protocatechuic aldehyde, rosmarinic acid, and ligustrazine in rat plasma, and its application to pharmacokinetic studies of Shenxiong glucose injection in rats. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 997, 210-217.	2.3	25
69	Angucyclines and Angucyclinones from <i>Streptomyces</i> sp. CBO1913 Featuring C-Ring Cleavage and Expansion. Journal of Natural Products, 2015, 78, 2471-2480.	3.0	41
70	Differentiation of Isomeric Polyphenolic Glycosides That Possess Regioisomeric Acylated Monosaccharide Residues by Electrospray Ionizationâ€“Tandem Mass Spectrometry. Spectroscopy Letters, 2014, 47, 19-23.	1.0	1
71	Breast-fed and bottle-fed infant rhesus macaques develop distinct gut microbiotas and immune systems. Science Translational Medicine, 2014, 6, 252ra120.	12.4	115
72	Evaluation of the impact of Polygonum capitatum, a traditional Chinese herbal medicine, on rat hepatic cytochrome P450 enzymes by using a cocktail of probe drugs. Journal of Ethnopharmacology, 2014, 158, 276-282.	4.1	23

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73	Strain Prioritization for Natural Product Discovery by a High-Throughput Real-Time PCR Method. <i>Journal of Natural Products</i> , 2014, 77, 2296-2303.	3.0	75
74	Simultaneous determination of human plasma protein binding of bioactive flavonoids in <i>Polygonum orientale</i> by equilibrium dialysis combined with UPLC-MS/MS. <i>Journal of Pharmaceutical Analysis</i> , 2013, 3, 376-381.	5.3	15
75	Regulated drug bioanalysis for human pharmacokinetic studies and therapeutic drug management. <i>Bioanalysis</i> , 2012, 4, 1919-1931.	1.5	9
76	Characterization of the <i>lnmKLM</i> Genes Unveiling Key Intermediates for $\hat{1}^2$ -Alkylation in Leinamycin Biosynthesis. <i>Organic Letters</i> , 2011, 13, 498-501.	4.6	29
77	Bifunctional Acyltransferase/Decarboxylase <i>lnmK</i> as the Missing Link for $\hat{1}^2$ -Alkylation in Polyketide Biosynthesis. <i>Journal of the American Chemical Society</i> , 2009, 131, 6900-6901.	13.7	31
78	A Dedicated Phosphopantetheinyl Transferase for the Fredericamycin Polyketide Synthase from <i>Streptomyces griseus</i> . <i>Journal of Biological Chemistry</i> , 2006, 281, 29660-29668.	3.4	32
79	QUINACRINE IS MAINLY METABOLIZED TO MONO-DESETHYL QUINACRINE BY CYP3A4/5 AND ITS BRAIN ACCUMULATION IS LIMITED BY P-GLYCOPROTEIN. <i>Drug Metabolism and Disposition</i> , 2006, 34, 1136-1144.	3.3	46
80	Cloning, Sequencing, Analysis, and Heterologous Expression of the Fredericamycin Biosynthetic Gene Cluster from <i>Streptomyces griseus</i> . <i>Journal of the American Chemical Society</i> , 2005, 127, 16442-16452.	13.7	97
81	Hybrid Peptide-Polyketide Natural Products: Biosynthesis and Prospects Towards Engineering Novel Molecules. , 2003, 25, 227-267.		9