

# Yanwen Duan

## List of Publications by Year in descending order

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44  
papers

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citations

471509

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501196

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46  
docs citations

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times ranked

986  
citing authors

#	ARTICLE	IF	CITATIONS
1	A point cloud-based deep learning strategy for protein–ligand binding affinity prediction. <i>Briefings in Bioinformatics</i> , 2022, 23, .	6.5	21
2	Infection microenvironment-related antibacterial nanotherapeutic strategies. <i>Biomaterials</i> , 2022, 280, 121249.	11.4	98
3	Medium optimization and subsequent fermentative regulation enabled the scaled-up production of anti-tuberculosis drug leads ilamycin E1/E2. <i>Biotechnology Journal</i> , 2022, 17, e2100427.	3.5	5
4	Liposome-Encapsulated Tancimycin A Is Active against Melanoma and Metastatic Breast Tumors: The Effect of cRGD Modification of the Liposomal Carrier and Tancimycin 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	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
7	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
8	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
9	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
10	Genome mining of <i>Streptomyces</i> sp. CB00271 as a natural high-producer of rubromycin and the resulting discovery of rubromycin acid. <i>Biotechnology and Bioengineering</i> , 2021, 118, 2243-2254.	3.3	5
11	Deoxidized gulose moiety attenuates the pulmonary toxicity of 6'-deoxy-bleomycin Z without effect on its antitumor activity. <i>Biomedicine and Pharmacotherapy</i> , 2021, 136, 111222.	5.6	0
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 $\pm$ -Pyrone 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	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
15	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
16	Genome mining of novel rubiginones from <i>Streptomyces</i> sp. CB02414 and characterization of the post-PKS modification steps in rubiginone biosynthesis. <i>Microbial Cell Factories</i> , 2021, 20, 192.	4.0	2
17	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
18	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

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19	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
20	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
21	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
22	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
23	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
24	Streptomycin-induced ribosome engineering complemented with fermentation optimization for enhanced production of 10-membered enediynes tiancimycin A and tiancimycin D. <i>Biotechnology and Bioengineering</i> , 2019, 116, 1304-1314.	3.3	28
25	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
26	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
27	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
28	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
29	Strain improvement by combined UV mutagenesis and ribosome engineering and subsequent fermentation optimization for enhanced 6 <sup>2</sup> -deoxy-bleomycin Z production. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 1651-1661.	3.6	25
30	Semisynthesis and Biological Evaluation of Platensimycin Analogues with Varying Aminobenzoic Acids. <i>ChemistrySelect</i> , 2018, 3, 12625-12629.	1.5	6
31	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
32	The discovery and development of microbial bleomycin analogues. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 6791-6798.	3.6	17
33	Biosynthesis of thiocarboxylic acid-containing natural products. <i>Nature Communications</i> , 2018, 9, 2362.	12.8	26
34	Cytotoxic rearranged angucycline glycosides from deep sea-derived <i>Streptomyces lusitanus</i> SCSIO LR32. <i>Journal of Antibiotics</i> , 2017, 70, 819-822.	2.0	22
35	Antimicrobial Spirotetronate Metabolites from Marine-Derived <i>Micromonospora harpali</i> SCSIO CJ089. <i>Journal of Natural Products</i> , 2017, 80, 1594-1603.	3.0	34
36	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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37	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
38	Germicidins Hâ€™J from <i>Streptomyces</i> sp. CB00361. Journal of Antibiotics, 2017, 70, 200-203.	2.0	11
39	New isofuranonaphthoquinones and isoindolequinones from <i>Streptomyces</i> sp. CB01883. Journal of Antibiotics, 2017, 70, 414-422.	2.0	7
40	Strain Prioritization and Genome Mining for Eneidyne Natural Products. MBio, 2016, 7, .	4.1	89
41	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
42	Angucyclines and Angucyclinones from <i>Streptomyces</i> sp. CB01913 Featuring C-Ring Cleavage and Expansion. Journal of Natural Products, 2015, 78, 2471-2480.	3.0	41
43	Identification and Characterization of a New Erythromycin Biosynthetic Gene Cluster in <i>Actinopolyspora erythraea</i> YIM90600, a Novel Erythronolide-Producing Halophilic Actinomycete Isolated from Salt Field. PLoS ONE, 2014, 9, e108129.	2.5	17
44	A Designer Bleomycin with Significantly Improved DNA Cleavage Activity. Journal of the American Chemical Society, 2012, 134, 13501-13509.	13.7	37