

# Shu-Ming Li

## List of Publications by Year in descending order

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116  
papers

4,580  
citations

109137

35  
h-index

114278

63  
g-index

117  
all docs

117  
docs citations

117  
times ranked

2540  
citing authors

#	ARTICLE	IF	CITATIONS
1	Increasing Structural Diversity of Prenylated Chalcones by Two Fungal Prenyltransferases. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 1610-1617.	2.4	9
2	Biosynthesis of Guatrypmethine C Implies Two Different Oxidases for <i>exo</i> Double Bond Installation at the Diketopiperazine Ring. <i>ACS Catalysis</i> , 2022, 12, 648-654.	5.5	14
3	Cucumber-Derived Exosome-like Vesicles and Plant Crystals for Improved Dermal Drug Delivery. <i>Pharmaceutics</i> , 2022, 14, 476.	2.0	20
4	Widely Distributed Bifunctional Bacterial Cytochrome P450 Enzymes Catalyze both Intramolecular C-C Bond Formation in <i>cyclo</i> and <i>Tyr</i> and Its Coupling with Nucleobases. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	5
5	Biosynthesis of Viridicatol in <i>Penicillium palitans</i> Implies a Cytochrome P450-Mediated <i>meta</i> Hydroxylation at a Monoalkylated Benzene Ring. <i>Organic Letters</i> , 2022, 24, 262-267.	2.4	6
6	Formation of 3-Orsellinoylpropanoic Acid in <i>Penicillium crustosum</i> is Catalyzed by a Bifunctional Nonreducing Polyketide Synthase. <i>Organic Letters</i> , 2022, 24, 462-466.	2.4	4
7	Biosynthesis of Xylariolide D in <i>Penicillium crustosum</i> Implies a Chain Branching Reaction Catalyzed by a Highly Reducing Polyketide Synthase. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 493.	1.5	1
8	Fungal benzene carbaldehydes: occurrence, structural diversity, activities and biosynthesis. <i>Natural Product Reports</i> , 2021, 38, 240-263.	5.2	14
9	Reprogramming Substrate and Catalytic Promiscuity of Tryptophan Prenyltransferases. <i>Journal of Molecular Biology</i> , 2021, 433, 166726.	2.0	12
10	New insights into the disulfide bond formation enzymes in epidithiodiketopiperazine alkaloids. <i>Chemical Science</i> , 2021, 12, 4132-4138.	3.7	20
11	Benzoyl ester formation in <i>Aspergillus ustus</i> by hijacking the polyketide acyl intermediates with alcohols. <i>Archives of Microbiology</i> , 2021, 203, 1795-1800.	1.0	3
12	Naturally occurring prenylated chalcones from plants: structural diversity, distribution, activities and biosynthesis. <i>Natural Product Reports</i> , 2021, 38, 2236-2260.	5.2	30
13	Heterologous expression of a single fungal HR-PKS leads to the formation of diverse 2-alkenyl-tetrahydropyrans in model fungi. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 8377-8383.	1.5	1
14	Modifications of diketopiperazines assembled by cyclodipeptide synthases with cytochrome P450 enzymes. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 2277-2285.	1.7	27
15	Oxepin Formation in Fungi Implies Specific and Stereoselective Ring Expansion. <i>Organic Letters</i> , 2021, 23, 2024-2028.	2.4	4
16	Regiospecific 7-O-prenylation of anthocyanins by a fungal prenyltransferase. <i>Bioorganic Chemistry</i> , 2021, 110, 104787.	2.0	3
17	Precursor Supply Increases the Accumulation of 4-Hydroxy-6-(4-hydroxyphenyl)- $\delta^5$ -pyrone after NRPS-PKS Gene Expression. <i>Journal of Natural Products</i> , 2021, 84, 2380-2384.	1.5	7
18	A Single Amino Acid Switch Alters the Prenyl Donor Specificity of a Fungal Aromatic Prenyltransferase toward Biflavonoids. <i>Organic Letters</i> , 2021, 23, 497-502.	2.4	8

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19	Prenylation and Dehydrogenation of a <i>C</i> <sup>2</sup> -Reversely Prenylated Diketopiperazine as a Branching Point in the Biosynthesis of Echinulin Family Alkaloids in <i>Aspergillus ruber</i> . ACS Chemical Biology, 2021, 16, 185-192.	1.6	20
20	Conversion of viridicatic acid to crustosic acid by cytochrome P450 enzyme-catalysed hydroxylation and spontaneous cyclisation. Applied Microbiology and Biotechnology, 2021, 105, 9181-9189.	1.7	11
21	Elucidation of the Streptoazine Biosynthetic Pathway in <i>Streptomyces aurantiacus</i> Reveals the Presence of a Promiscuous Prenyltransferase/Cyclase. Journal of Natural Products, 2021, , .	1.5	10
22	A Type III Polyketide Synthase (SfuPKS1) Isolated from the Edible Seaweed <i>Sargassum fusiforme</i> Exhibits Broad Substrate and Catalysis Specificity. Journal of Agricultural and Food Chemistry, 2021, 69, 14643-14649.	2.4	3
23	Selective geranylation of biflavonoids by <i>Aspergillus terreus</i> aromatic prenyltransferase (AtaPT). Organic and Biomolecular Chemistry, 2020, 18, 28-31.	1.5	7
24	Increasing Structural Diversity of Natural Products by Michael Addition with <i>ortho</i> -Quinone Methide as the Acceptor. Journal of Organic Chemistry, 2020, 85, 1298-1307.	1.7	12
25	Formation of Terrestrial Acid in <i>Penicillium crustosum</i> Requires Redox-Assisted Decarboxylation and Stereoisomerization. Organic Letters, 2020, 22, 88-92.	2.4	13
26	Oxepinamide F biosynthesis involves enzymatic d-aminoacyl epimerization, 3H-oxepin formation, and hydroxylation induced double bond migration. Nature Communications, 2020, 11, 4914.	5.8	15
27	Ustethylin Biosynthesis Implies Phenethyl Derivative Formation in <i>Aspergillus ustus</i> . Organic Letters, 2020, 22, 7837-7841.	2.4	12
28	Increasing cytochrome P450 enzyme diversity by identification of two distinct cyclodipeptide dimerases. Chemical Communications, 2020, 56, 11042-11045.	2.2	23
29	Constructing Microbial Hosts for the Production of Benzoheterocyclic Derivatives. ACS Synthetic Biology, 2020, 9, 2282-2290.	1.9	11
30	Reinvestigation of the substrate specificity of a reverse prenyltransferase NotF from <i>Aspergillus</i> sp. MF297-2. Archives of Microbiology, 2020, 202, 1419-1424.	1.0	3
31	Spontaneous oxidative cyclisations of 1,3-dihydroxy-4-dimethylallylnaphthalene to tricyclic derivatives. Organic and Biomolecular Chemistry, 2020, 18, 2646-2649.	1.5	2
32	Biosynthesis of the Prenylated Salicylaldehyde Flavoglucin Requires Temporary Reduction to Salicyl Alcohol for Decoration before Reoxidation to the Final Product. Organic Letters, 2020, 22, 2256-2260.	2.4	21
33	Isocoumarin formation by heterologous gene expression and modification by host enzymes. Organic and Biomolecular Chemistry, 2020, 18, 4946-4948.	1.5	14
34	Comparative studies on similarities and differences of cyclodipeptide oxidases for installation of C=C double bonds at the diketopiperazine ring. Applied Microbiology and Biotechnology, 2020, 104, 2523-2536.	1.7	10
35	Two Cytochrome P450 Enzymes from <i>Streptomyces</i> sp. NRRL S-1868 Catalyze Distinct Dimerization of Tryptophan-Containing Cyclodipeptides. Organic Letters, 2019, 21, 7094-7098.	2.4	33
36	Coupling of cyclo-l-Trp-l-Trp with Hypoxanthine Increases the Structure Diversity of Guanitrypmycins. Organic Letters, 2019, 21, 9104-9108.	2.4	16

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37	Guanitrypmycin Biosynthetic Pathways Imply Cytochrome P450 Mediated Regio- and Stereospecific Guaninyl-Transfer Reactions. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11534-11540.	7.2	36
38	Guanitrypmycin Biosynthetic Pathways Imply Cytochrome P450 Mediated Regio- and Stereospecific Guaninyl-Transfer Reactions. <i>Angewandte Chemie</i> , 2019, 131, 11658-11664.	1.6	7
39	Genomic Locus of a <i>Penicillium crustosum</i> Pigment as an Integration Site for Secondary Metabolite Gene Expression. <i>ACS Chemical Biology</i> , 2019, 14, 1227-1234.	1.6	13
40	Different behaviors of cyclic dipeptide prenyltransferases toward the tripeptide derivative ardeemin fumiquinazoline and its enantiomer. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 3773-3781.	1.7	4
41	Peniphenone and Penilactone Formation in <i>Penicillium crustosum</i> via 1,4-Michael Additions of ortho-Quinone Methide from HydroxycyclavatoI to $\beta^3$ -Butyrolactones from Crustosic Acid. <i>Journal of the American Chemical Society</i> , 2019, 141, 4225-4229.	6.6	36
42	Design of $\beta$ -Keto Carboxylic Acid Dimers by Domain Recombination of Nonribosomal Peptide Synthetase (NRPS)-Like Enzymes. <i>Organic Letters</i> , 2019, 21, 498-502.	2.4	14
43	Convenient synthetic approach for tri- and tetraprenylated cyclodipeptides by consecutive enzymatic prenylations. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 2671-2681.	1.7	10
44	Production of $\beta$ -keto carboxylic acid dimers in yeast by overexpression of NRPS-like genes from <i>Aspergillus terreus</i> . <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 1663-1672.	1.7	16
45	Expanding tryptophan-containing cyclodipeptide synthase spectrum by identification of nine members from <i>Streptomyces</i> strains. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 4435-4444.	1.7	21
46	Structure-based protein engineering enables prenyl donor switching of a fungal aromatic prenyltransferase. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 7461-7469.	1.5	19
47	Complete Decoration of the Indolyl Residue in <i>cyclo</i> - <i>l</i> -Trp- <i>l</i> -Trp with Geranyl Moieties by Using Engineered Dimethylallyl Transferases. <i>Organic Letters</i> , 2018, 20, 7201-7205.	2.4	19
48	A Nonheme Fe <sup>II</sup> /2-Oxoglutarate-Dependent Oxygenase Catalyzes a Double Bond Migration within a Dimethylallyl Moiety Accompanied by Hydroxylation. <i>ACS Chemical Biology</i> , 2018, 13, 2949-2955.	1.6	7
49	Switching a regular tryptophan <i>C4</i> -prenyltransferase to a reverse tryptophan-containing cyclic dipeptide <i>C3</i> -prenyltransferase by sequential site-directed mutagenesis. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 6688-6694.	1.5	7
50	Coupling of Guanine with <i>cyclo</i> - <i>l</i> -Trp- <i>l</i> -Trp Mediated by a Cytochrome P450 Homologue from <i>Streptomyces purpureus</i> . <i>Organic Letters</i> , 2018, 20, 4921-4925.	2.4	32
51	Combinatory Biosynthesis of Prenylated 4-Hydroxybenzoate Derivatives by Overexpression of the Substrate-Promiscuous Prenyltransferase XimB in Engineered <i>E. coli</i> . <i>ACS Synthetic Biology</i> , 2018, 7, 2094-2104.	1.9	23
52	Manipulation of the Precursor Supply in Yeast Significantly Enhances the Accumulation of Prenylated $\beta$ -Carbolines. <i>ACS Synthetic Biology</i> , 2017, 6, 1056-1064.	1.9	14
53	<i>gem</i> -Diprenylation of Acylphloroglucinols by a Fungal Prenyltransferase of the Dimethylallyltryptophan Synthase Superfamily. <i>Organic Letters</i> , 2017, 19, 388-391.	2.4	19
54	Molecular insights into the enzyme promiscuity of an aromatic prenyltransferase. <i>Nature Chemical Biology</i> , 2017, 13, 226-234.	3.9	100

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55	Two Prenyltransferases Govern a Consecutive Prenylation Cascade in the Biosynthesis of Echinulin and Neoechinulin. <i>Organic Letters</i> , 2017, 19, 5928-5931.	2.4	26
56	Mutations of Residues in Pocket P1 of a Cyclodipeptide Synthase Strongly Increase Product Formation. <i>Journal of Natural Products</i> , 2017, 80, 2917-2922.	1.5	27
57	A bifunctional old yellow enzyme from <i>Penicillium roqueforti</i> is involved in ergot alkaloid biosynthesis. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 8059-8071.	1.5	11
58	Actions of Tryptophan Prenyltransferases Toward Fumiquinazolines and their Potential Application for the Generation of Prenylated Derivatives by Combining Chemical and Chemoenzymatic Syntheses. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 1639-1653.	2.1	13
59	Saturation mutagenesis on Arg244 of the tryptophan C4-prenyltransferase FgaPT2 leads to enhanced catalytic ability and different preferences for tryptophan-containing cyclic dipeptides. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 5389-5399.	1.7	20
60	Complementary Flavonoid Prenylations by Fungal Indole Prenyltransferases. <i>Journal of Natural Products</i> , 2015, 78, 2229-2235.	1.5	18
61	Site-directed Mutagenesis Switching a Dimethylallyl Tryptophan Synthase to a Specific Tyrosine C3-Prenylating Enzyme. <i>Journal of Biological Chemistry</i> , 2015, 290, 1364-1373.	1.6	19
62	Friedelâ€“Crafts Alkylation of Acylphloroglucinols Catalyzed by a Fungal Indole Prenyltransferase. <i>Journal of Natural Products</i> , 2015, 78, 929-933.	1.5	25
63	Prenyltransferases as key enzymes in primary and secondary metabolism. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 7379-7397.	1.7	132
64	C7-prenylation of tryptophanyl and O-prenylation of tyrosyl residues in dipeptides by an <i>Aspergillus terreus</i> prenyltransferase. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 1719-1730.	1.7	17
65	Targeted production of secondary metabolites by coexpression of non-ribosomal peptide synthetase and prenyltransferase genes in <i>Aspergillus</i> . <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 4213-4223.	1.7	15
66	Genome mining of ascomycetous fungi reveals their genetic potential for ergot alkaloid production. <i>Archives of Microbiology</i> , 2015, 197, 701-713.	1.0	6
67	Impacts and perspectives of prenyltransferases of the DMATS superfamily for use in biotechnology. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 7399-7415.	1.7	47
68	Biosynthetic Pathways of Ergot Alkaloids. <i>Toxins</i> , 2014, 6, 3281-3295.	1.5	106
69	Biochemical Investigations of Two 6â€“DMATS Enzymes from <i>Streptomyces</i> Reveal New Features of Tryptophan Prenyltransferases. <i>ChemBioChem</i> , 2014, 15, 1030-1039.	1.3	31
70	A promiscuous prenyltransferase from <i>Aspergillus oryzae</i> catalyses C-prenylations of hydroxynaphthalenes in the presence of different prenyl donors. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 4987-4994.	1.7	13
71	Substrate and catalytic promiscuity of secondary metabolite enzymes: O-prenylation of hydroxyxanthenes with different prenyl donors by a bisindolyl benzoquinone C- and N-prenyltransferase. <i>RSC Advances</i> , 2014, 4, 17986-17992.	1.7	11
72	Identification of a brevianamide F reverse prenyltransferase BrePT from <i>Aspergillus versicolor</i> with a broad substrate specificity towards tryptophan-containing cyclic dipeptides. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 1649-1660.	1.7	38

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73	One Substrate â€“ Seven Products with Different Prenylation Positions in Oneâ€Step Reactions: Prenyltransferases Make it Possible. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 2659-2666.	2.1	13
74	Catalytic Mechanism of Stereospecific Formation of cis-Configured Prenylated Pyrroloindoline Diketopiperazines by Indole Prenyltransferases. <i>Chemistry and Biology</i> , 2013, 20, 1492-1501.	6.2	43
75	Breaking Cyclic Dipeptide Prenyltransferase Regioselectivity by Unnatural Alkyl Donors. <i>Organic Letters</i> , 2013, 15, 3062-3065.	2.4	26
76	CdpC2PT, a reverse prenyltransferase from <i>Neosartorya fischeri</i> with a distinct substrate preference from known C2-prenyltransferases. <i>Microbiology (United Kingdom)</i> , 2013, 159, 2169-2179.	0.7	12
77	Geranylation of Cyclic Dipeptides by the Dimethylallyl Transferase AnaPT Resulting in a Shift of Prenylation Position on the Indole Ring. <i>ChemBioChem</i> , 2013, 14, 2023-2028.	1.3	18
78	Genome mining reveals the presence of a conserved gene cluster for the biosynthesis of ergot alkaloid precursors in the fungal family <i>Arthrodermataceae</i> . <i>Microbiology (United Kingdom)</i> , 2012, 158, 1634-1644.	0.7	16
79	Prenyltransferases of the Dimethylallyltryptophan Synthase Superfamily. <i>Methods in Enzymology</i> , 2012, 516, 259-278.	0.4	53
80	Biochemical Characterization of Indole Prenyltransferases. <i>Journal of Biological Chemistry</i> , 2012, 287, 1371-1380.	1.6	70
81	In vitro conversion of chanoclavine-I aldehyde to the stereoisomers festuclavine and pyroclavine controlled by the second reduction step. <i>RSC Advances</i> , 2012, 2, 3662.	1.7	23
82	Breaking the regioselectivity of indole prenyltransferases: identification of regular C3-prenylated hexahydropyrrolo[2,3-b]indoles as side products of the regular C2-prenyltransferase FtmPT1. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 9262.	1.5	35
83	Identification of the Verruculogen Prenyltransferase FtmPT3 by a Combination of Chemical, Bioinformatic and Biochemical Approaches. <i>ChemBioChem</i> , 2012, 13, 2583-2592.	1.3	25
84	New Insights into the Biosynthesis of Prenylated Xanthones: Xptb from <i>Aspergillus nidulans</i> Catalyses an Oâ€Prenylation of Xanthones. <i>ChemBioChem</i> , 2012, 13, 2764-2771.	1.3	32
85	Structure and Catalytic Mechanism of a Cyclic Dipeptide Prenyltransferase with Broad Substrate Promiscuity. <i>Journal of Molecular Biology</i> , 2012, 422, 87-99.	2.0	66
86	Prenylation at the indole ring leads to a significant increase of cytotoxicity of tryptophan-containing cyclic dipeptides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 3866-3869.	1.0	39
87	Ergot alkaloids: structure diversity, biosynthetic gene clusters and functional proof of biosynthetic genes. <i>Natural Product Reports</i> , 2011, 28, 496-510.	5.2	200
88	New insights into ergot alkaloid biosynthesis in <i>Claviceps purpurea</i> : An agroclavine synthase EasG catalyses, via a non-enzymatic adduct with reduced glutathione, the conversion of chanoclavine-I aldehyde to agroclavine. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 4328.	1.5	48
89	Genome mining and biosynthesis of fumitremorgin-type alkaloids in ascomycetes. <i>Journal of Antibiotics</i> , 2011, 64, 45-49.	1.0	48
90	The tyrosine O-prenyltransferase SirD catalyzes O-, N-, and C-prenylations. <i>Applied Microbiology and Biotechnology</i> , 2011, 89, 1443-1451.	1.7	37

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91	Substrate promiscuity of secondary metabolite enzymes: prenylation of hydroxynaphthalenes by fungal indole prenyltransferases. <i>Applied Microbiology and Biotechnology</i> , 2011, 92, 737-748.	1.7	51
92	Formyl migration product of chanoclavine- <i>N</i> aldehyde in the presence of the old yellow enzyme FgaOx3 from <i>Aspergillus fumigatus</i> : a NMR structure elucidation. <i>Magnetic Resonance in Chemistry</i> , 2011, 49, 678-681.	1.1	14
93	Prenylation of Flavonoids by Using a Dimethylallyltryptophan Synthase, FgaDMATS, from <i>Aspergillus fumigatus</i> . <i>ChemBioChem</i> , 2011, 12, 2280-2283.	1.3	34
94	Ergot alkaloid biosynthesis in <i>Aspergillus fumigatus</i> : conversion of chanoclavine-I to chanoclavine-I aldehyde catalyzed by a short-chain alcohol dehydrogenase FgaDH. <i>Archives of Microbiology</i> , 2010, 192, 127-134.	1.0	49
95	Structure-Function Analysis of an Enzymatic Prenyl Transfer Reaction Identifies a Reaction Chamber with Modifiable Specificity. <i>Journal of the American Chemical Society</i> , 2010, 132, 17849-17858.	6.6	87
96	Prenylated indole derivatives from fungi: structure diversity, biological activities, biosynthesis and chemoenzymatic synthesis. <i>Natural Product Reports</i> , 2010, 27, 57-78.	5.2	431
97	Preparation of pyrrolo[2,3-b]indoles carrying a $\hat{I}^2$ -configured reverse C3-dimethylallyl moiety by using a recombinant prenyltransferase CdpC3PT. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 2430.	1.5	57
98	Ergot alkaloid biosynthesis in <i>Aspergillus fumigatus</i> : Conversion of chanoclavine-I aldehyde to festuclavine by the festuclavine synthase FgaFS in the presence of the old yellow enzyme FgaOx3. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 3500.	1.5	58
99	Reconstruction of pyrrolo[2,3-b]indoles carrying an $\hat{I}^{\pm}$ -configured reverse C3-dimethylallyl moiety by using recombinant enzymes. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 1133.	1.5	33
100	Acetylaszonalenin Biosynthesis in <i>Neosartorya fischeri</i> . <i>Journal of Biological Chemistry</i> , 2009, 284, 100-109.	1.6	148
101	The structure of dimethylallyl tryptophan synthase reveals a common architecture of aromatic prenyltransferases in fungi and bacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 14309-14314.	3.3	175
102	Increasing structure diversity of prenylated diketopiperazine derivatives by using a 4-dimethylallyltryptophan synthase. <i>Archives of Microbiology</i> , 2009, 191, 461-466.	1.0	31
103	Applications of dimethylallyltryptophan synthases and other indole prenyltransferases for structural modification of natural products. <i>Applied Microbiology and Biotechnology</i> , 2009, 84, 631-639.	1.7	56
104	Evolution of aromatic prenyltransferases in the biosynthesis of indole derivatives. <i>Phytochemistry</i> , 2009, 70, 1746-1757.	1.4	88
105	Improved tryprostatin B production by heterologous gene expression in <i>Aspergillus nidulans</i> . <i>Fungal Genetics and Biology</i> , 2009, 46, 436-440.	0.9	22
106	FtmOx1, a non-heme Fe(II) and $\hat{I}^{\pm}$ -ketoglutarate-dependent dioxygenase, catalyses the endoperoxide formation of verruculogen in <i>Aspergillus fumigatus</i> . <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 4082.	1.5	82
107	Potential of a 7-dimethylallyltryptophan synthase as a tool for production of prenylated indole derivatives. <i>Applied Microbiology and Biotechnology</i> , 2008, 79, 951-961.	1.7	43
108	Ergot Alkaloid Biosynthesis in <i>Aspergillus fumigatus</i> . <i>Journal of Biological Chemistry</i> , 2008, 283, 26859-26868.	1.6	66



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109	A 7-dimethylallyltryptophan synthase from <i>Aspergillus fumigatus</i> : overproduction, purification and biochemical characterization. <i>Microbiology (United Kingdom)</i> , 2007, 153, 3409-3416.	0.7	92
110	CdpNPT, an N-Prenyltransferase from <i>Aspergillus fumigatus</i> : Overproduction, Purification and Biochemical Characterisation. <i>ChemBioChem</i> , 2007, 8, 1154-1161.	1.3	67
111	Chemoenzymatic Synthesis of Prenylated Indole Derivatives by Using a 4-Dimethylallyltryptophan Synthase from <i>Aspergillus fumigatus</i> . <i>ChemBioChem</i> , 2007, 8, 1298-1307.	1.3	81
112	The Fumitremorgin Gene Cluster of <i>Aspergillus fumigatus</i> : Identification of a Gene Encoding Brevianamide F Synthetase. <i>ChemBioChem</i> , 2006, 7, 1062-1069.	1.3	171
113	Overproduction, purification and characterization of FgaPT2, a dimethylallyltryptophan synthase from <i>Aspergillus fumigatus</i> . <i>Microbiology (United Kingdom)</i> , 2005, 151, 1499-1505.	0.7	183
114	Overproduction, purification and characterization of FtmPT1, a brevianamide F prenyltransferase from <i>Aspergillus fumigatus</i> . <i>Microbiology (United Kingdom)</i> , 2005, 151, 2199-2207.	0.7	149
115	CloQ, a prenyltransferase involved in clorobiocin biosynthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 2316-2321.	3.3	111
116	Weit verbreitete bifunktionelle, bakterielle Cytochrom P450 Enzyme katalysieren sowohl eine intramolekulare C <sup>α</sup> -C <sup>β</sup> -Bindung in <i>cyclo</i> - $\epsilon$ -Tyr $\epsilon$ als auch dessen Verknüpfung mit Nukleinbasen. <i>Angewandte Chemie</i> , 0, , .	1.6	0