

Jae-Kyung Sohng

List of Publications by Year in descending order

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249
papers

5,996
citations

61984

43
h-index

138484

58
g-index

257
all docs

257
docs citations

257
times ranked

5684
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in biochemistry and the biotechnological production of taxifolin and its derivatives. <i>Biotechnology and Applied Biochemistry</i> , 2022, 69, 848-861.	3.1	12
2	Aloe emodin 3-O-glucoside inhibits cell growth and migration and induces apoptosis of non-small-cell lung cancer cells via suppressing MEK/ERK and Akt signalling pathways. <i>Life Sciences</i> , 2022, 300, 120495.	4.3	4
3	N-Glucosylation in <i>Corynebacterium glutamicum</i> with YdhE from <i>Bacillus licheniformis</i> . <i>Molecules</i> , 2022, 27, 3405.	3.8	2
4	Functional Characterization of a Regiospecific Sugar-O-Methyltransferase from <i>Nocardia</i> . <i>Applied and Environmental Microbiology</i> , 2022, 88, .	3.1	3
5	Biosynthesis of bioactive tamarixetin in recombinant <i>Escherichia coli</i> . <i>Biotechnology and Applied Biochemistry</i> , 2021, 68, 531-537.	3.1	3
6	Identification and enhancing production of a novel macrolide compound in engineered <i>Streptomyces peucetius</i> . <i>RSC Advances</i> , 2021, 11, 3168-3173.	3.6	6
7	Recent Advances in the Heterologous Biosynthesis of Natural Products from <i>Streptomyces</i> . <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1851.	2.5	8
8	Identification of Cyclophilin A as a Potential Anticancer Target of Novel Nargenicin A1 Analog in AGS Gastric Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2473.	4.1	8
9	Trilobatin ameliorates bone loss via suppression of osteoclast cell differentiation and bone resorptive function in vitro and in vivo. <i>Life Sciences</i> , 2021, 270, 119074.	4.3	5
10	Genome mining <i>Streptomyces</i> sp. KCTC 0041BP as a producer of dihydrochalconmycin. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 5023-5037.	3.6	4
11	UPLC-PDA coupled HPLC-ESI/MS 2 based identification of derivatives produced by whole cell biotransformation of epothilone A using <i>Nocardia</i> sp. CS692 and a cytochrome P450 overexpressing strain. <i>Biotechnology and Applied Biochemistry</i> , 2021, , .	3.1	0
12	Quinizarin suppresses the differentiation of adipocytes and lipogenesis in vitro and in vivo via downregulation of C/EBP-beta/SREBP pathway. <i>Life Sciences</i> , 2021, 287, 120131.	4.3	8
13	Editorial: Recent Advances in Application of Synthetic Biology for Production of Bioactive Compounds. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 819475.	4.1	2
14	Exploration of cryptic organic photosensitive compound as Zincphyrin IV in <i>Streptomyces venezuelae</i> ATCC 15439. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 713-724.	3.6	8
15	Increased Production of Dicinnamoylmethane Via Improving Cellular Malonyl-CoA Level by Using a CRISPRi in <i>Escherichia coli</i> . <i>Applied Biochemistry and Biotechnology</i> , 2020, 190, 325-340.	2.9	8
16	The genome insights of <i>Streptomyces lannensis</i> T1317-0309 reveals actinomycin D production. <i>Journal of Antibiotics</i> , 2020, 73, 837-844.	2.0	3
17	Genome-enabled discovery of anthraquinone biosynthesis in <i>Senna tora</i> . <i>Nature Communications</i> , 2020, 11, 5875.	12.8	57
18	Novel Nargenicin A1 Analog Inhibits Angiogenesis by Downregulating the Endothelial VEGF/VEGFR2 Signaling and Tumoral HIF-1 α /VEGF Pathway. <i>Biomedicines</i> , 2020, 8, 252.	3.2	8

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19	Emodin 8-O-glucoside primes macrophages more strongly than emodin aglycone via activation of phagocytic activity and TLR-2/MAPK/NF- κ B signalling pathway. <i>International Immunopharmacology</i> , 2020, 88, 106936.	3.8	11
20	Anticancer and Antiangiogenic Activities of Novel β -Mangostin Glycosides in Human Hepatocellular Carcinoma Cells via Downregulation of c-Met and HIF-1 α . <i>International Journal of Molecular Sciences</i> , 2020, 21, 4043.	4.1	11
21	Characterization of Tailoring Steps of Nargenicin A1 Biosynthesis Reveals a Novel Analogue with Anticancer Activities. <i>ACS Chemical Biology</i> , 2020, 15, 1370-1380.	3.4	13
22	Regio-specific biotransformation of alizarin to alizarin methoxide with enhanced cytotoxicity against proliferative cells. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2020, 47, 537-542.	3.0	2
23	Functional Characterization of NgnL, an Alpha/beta-hydrolase Enzyme Involved in Biosynthesis of Acetylated Nodusmicin. <i>Biotechnology and Bioprocess Engineering</i> , 2020, 25, 414-420.	2.6	1
24	<i>Streptomyces</i> sp. VN1, a producer of diverse metabolites including non-natural furan-type anticancer compound. <i>Scientific Reports</i> , 2020, 10, 1756.	3.3	34
25	Recent Advances in Strategies for Activation and Discovery/Characterization of Cryptic Biosynthetic Gene Clusters in <i>Streptomyces</i> . <i>Microorganisms</i> , 2020, 8, 616.	3.6	39
26	A Review on Structure, Modifications and Structure-Activity Relation of Quercetin and Its Derivatives. <i>Journal of Microbiology and Biotechnology</i> , 2020, 30, 11-20.	2.1	99
27	Exploring the Nucleophilic N- and S-Glycosylation Capacity of <i>Bacillus licheniformis</i> YjiC Enzyme. <i>Journal of Microbiology and Biotechnology</i> , 2020, 30, 1092-1096.	2.1	4
28	Biosynthesis of Rhamnosylated Anthraquinones in. <i>Journal of Microbiology and Biotechnology</i> , 2020, 30, 398-403.	2.1	2
29	Enzymatic synthesis of novel quercetin sialyllactoside derivatives. <i>Natural Product Research</i> , 2019, 33, 1944-1952.	1.8	7
30	Quercetin 3-O-xyloside ameliorates acute pancreatitis in vitro via the reduction of ER stress and enhancement of apoptosis. <i>Phytomedicine</i> , 2019, 55, 40-49.	5.3	18
31	Cascade biocatalysis systems for bioactive naringenin glucosides and quercetin rhamnoside production from sucrose. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 7953-7969.	3.6	21
32	Engineering actinomycetes for biosynthesis of macrolactone polyketides. <i>Microbial Cell Factories</i> , 2019, 18, 137.	4.0	25
33	Biotechnological Advances in Resveratrol Production and its Chemical Diversity. <i>Molecules</i> , 2019, 24, 2571.	3.8	53
34	Production of a Novel Tetrahydroxynaphthalene (THN) Derivative from <i>Nocardia</i> sp. CS682 by Metabolic Engineering and Its Bioactivities. <i>Molecules</i> , 2019, 24, 244.	3.8	10
35	Recent Advances in Exploration and Biotechnological Production of Bioactive Compounds in Three Cyanobacterial Genera: <i>Nostoc</i> , <i>Lyngbya</i> , and <i>Microcystis</i> . <i>Frontiers in Chemistry</i> , 2019, 7, 604.	3.6	31
36	Two Trifunctional Leloir Glycosyltransferases as Biocatalysts for Natural Products Glycodiversification. <i>Organic Letters</i> , 2019, 21, 8058-8064.	4.6	19

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37	Microbial Biosynthesis of Antibacterial Chrysoeriol in Recombinant <i>Escherichia coli</i> and Bioactivity Assessment. <i>Catalysts</i> , 2019, 9, 112.	3.5	26
38	Combinatorial approach for improved cyanidin 3-O-glucoside production in <i>Escherichia coli</i> . <i>Microbial Cell Factories</i> , 2019, 18, 7.	4.0	30
39	Overcoming NADPH product inhibition improves D-sorbitol conversion to L-sorbose. <i>Scientific Reports</i> , 2019, 9, 815.	3.3	8
40	Bioactive molecules from <i>Nocardia</i> : diversity, bioactivities and biosynthesis. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2019, 46, 385-407.	3.0	39
41	Biocatalytic Synthesis of Non-Natural Monoterpene <i>O</i> -Glycosides Exhibiting Superior Antibacterial and Antinematodal Properties. <i>ACS Omega</i> , 2019, 4, 9367-9375.	3.5	18
42	Enzymatic and Microbial Biosynthesis of Novel Violacein Glycosides with Enhanced Water Solubility and Improved Anti-nematode Activity. <i>Biotechnology and Bioprocess Engineering</i> , 2019, 24, 366-374.	2.6	15
43	A Synthetic Approach for Biosynthesis of Miquelianin and Scutellarin A in <i>Escherichia coli</i> . <i>Applied Sciences (Switzerland)</i> , 2019, 9, 215.	2.5	3
44	Enzymatically Synthesized Ginsenoside Exhibits Antiproliferative Activity in Various Cancer Cell Lines. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 893.	2.5	4
45	Biosynthesis of resveratrol and piceatannol in engineered microbial strains: achievements and perspectives. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 2959-2972.	3.6	35
46	Complete Genome Sequence of <i>Nocardia</i> sp. Strain CS682, a Producer of Antibacterial Compound Nargenicin A1. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	9
47	The effect of introducing antibiotics into organic light-emitting diodes. <i>Communications Physics</i> , 2019, 2, .	5.3	3
48	Microbial Modifications of Flavonols. <i>Environmental Chemistry for A Sustainable World</i> , 2019, , 143-161.	0.5	0
49	<i>Sparassis crispa</i> exerts anti-inflammatory activity via suppression of TLR-mediated NF- κ B and MAPK signaling pathways in LPS-induced RAW264.7 macrophage cells. <i>Journal of Ethnopharmacology</i> , 2019, 231, 10-18.	4.1	62
50	Insight into phosphate doped BiVO ₄ heterostructure for multifunctional photocatalytic performances: A combined experimental and DFT study. <i>Applied Surface Science</i> , 2019, 466, 787-800.	6.1	36
51	Metabolic engineering of <i>Escherichia coli</i> for the production of isoflavonoid <i>O</i> -methoxides and their biological activities. <i>Biotechnology and Applied Biochemistry</i> , 2019, 66, 484-493.	3.1	24
52	Altering UDP-glucose Donor Substrate Specificity of <i>Bacillus licheniformis</i> Glycosyltransferase towards TDP-glucose. <i>Journal of Microbiology and Biotechnology</i> , 2019, 29, 268-273.	2.1	3
53	Characterization of regioselective flavonoid <i>O</i> -methyltransferase from the <i>Streptomyces</i> sp. KCTC 0041BP. <i>Enzyme and Microbial Technology</i> , 2018, 113, 29-36.	3.2	14
54	<i>In Vitro</i> Type I Modular Polyketide Synthase Catalysis for New Antibiotics. <i>Bulletin of the Korean Chemical Society</i> , 2018, 39, 421-422.	1.9	1

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55	Broad-spectrum neutralization of avian influenza viruses by sialylated human milk oligosaccharides: in vivo assessment of 3- <i>O</i> -sialyllactose against H9N2 in chickens. <i>Scientific Reports</i> , 2018, 8, 2563.	3.3	29
56	Regiospecific biosynthesis of tamarixetin derivatives in <i>Escherichia coli</i> . <i>Biochemical Engineering Journal</i> , 2018, 133, 113-121.	3.6	11
57	Complete genome sequence of <i>Streptomyces peucetius</i> ATCC 27952, the producer of anticancer anthracyclines and diverse secondary metabolites. <i>Journal of Biotechnology</i> , 2018, 267, 50-54.	3.8	19
58	Biosynthesis of flavone C-glucosides in engineered <i>Escherichia coli</i> . <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 1251-1267.	3.6	35
59	Genome-guided exploration of metabolic features of <i>Streptomyces peucetius</i> ATCC 27952: past, current, and prospect. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 4355-4370.	3.6	11
60	Biosynthesis of novel 7,8-dihydroxyflavone glycoside derivatives and <i>in silico</i> study of their effects on BACE1 inhibition. <i>Biotechnology and Applied Biochemistry</i> , 2018, 65, 128-137.	3.1	9
61	Substrate Scope of O-Methyltransferase from <i>Streptomyces peucetius</i> for Biosynthesis of Diverse Natural Products Methoxides. <i>Applied Biochemistry and Biotechnology</i> , 2018, 184, 1404-1420.	2.9	11
62	Microbial Synthesis of Non-Natural Anthraquinone Glucosides Displaying Superior Antiproliferative Properties. <i>Molecules</i> , 2018, 23, 2171.	3.8	8
63	Modular pathway engineering for resveratrol and piceatannol production in engineered <i>Escherichia coli</i> . <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 9691-9706.	3.6	17
64	Improved production of 1-deoxynojirimycin in <i>Escherichia coli</i> through metabolic engineering. <i>World Journal of Microbiology and Biotechnology</i> , 2018, 34, 77.	3.6	16
65	Implication of orphan histidine kinase (OhkAsp) in biosynthesis of doxorubicin and daunorubicin in <i>Streptomyces peucetius</i> ATCC 27952. <i>Microbiological Research</i> , 2018, 214, 37-46.	5.3	4
66	One-Pot Multienzyme Cofactors Recycling (OPME-CR) System for Lactose and Non-natural Saccharide Conjugated Polyphenol Production. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 7965-7974.	5.2	6
67	Metabolic engineering of glycosylated polyketide biosynthesis. <i>Emerging Topics in Life Sciences</i> , 2018, 2, 389-403.	2.6	14
68	Mutational analyses for product specificity of YjiC towards 1- α -mangostin mono-glucoside. <i>Enzyme and Microbial Technology</i> , 2018, 118, 76-82.	3.2	5
69	Bioconversion of Tetracycline Antibiotics to Novel Glucoside Derivatives by Single-Vessel Multienzymatic Glycosylation. <i>Journal of Microbiology and Biotechnology</i> , 2018, 28, 298-304.	2.1	11
70	Sustainable Production of Dihydroxybenzene Glucosides Using Immobilized Amylosucrase from <i>Deinococcus geothermalis</i> . <i>Journal of Microbiology and Biotechnology</i> , 2018, 28, 1447-1456.	2.1	14
71	Microbial production of astilbin, a bioactive rhamnosylated flavanonol, from taxifolin. <i>World Journal of Microbiology and Biotechnology</i> , 2017, 33, 36.	3.6	14
72	<i>Actinomadura</i> Species: Laboratory Maintenance and Ribosome Engineering. <i>Current Protocols in Microbiology</i> , 2017, 44, 10G.1.1-10G.1.12.	6.5	1

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73	Saccharopolyspora Species: Laboratory Maintenance and Enhanced Production of Secondary Metabolites. Current Protocols in Microbiology, 2017, 44, 10H.1.1-10H.1.13.	6.5	7
74	Synthesis of umbelliferone derivatives in Escherichia coli and their biological activities. Journal of Biological Engineering, 2017, 11, 15.	4.7	33
75	Biosynthesis of natural and non-natural genistein glycosides. RSC Advances, 2017, 7, 16217-16231.	3.6	11
76	Heterologous production of clavulanic acid intermediates in Streptomyces venezuelae. Biotechnology and Bioprocess Engineering, 2017, 22, 359-365.	2.6	5
77	3-O-Glucosylation of quercetin enhances inhibitory effects on the adipocyte differentiation and lipogenesis. Biomedicine and Pharmacotherapy, 2017, 95, 589-598.	5.6	34
78	The ginsenoside metabolite compound K inhibits growth, migration and stemness of glioblastoma cells. International Journal of Oncology, 2017, 51, 414-424.	3.3	41
79	Coalition of Biology and Chemistry for Ameliorating Antimicrobial Drug Discovery. Frontiers in Microbiology, 2017, 8, 734.	3.5	18
80	Marine Rare Actinobacteria: Isolation, Characterization, and Strategies for Harnessing Bioactive Compounds. Frontiers in Microbiology, 2017, 8, 1106.	3.5	108
81	Synthesis of Curcumin Glycosides with Enhanced Anticancer Properties Using One-Pot Multienzyme Glycosylation Technique. Journal of Microbiology and Biotechnology, 2017, 27, 1639-1648.	2.1	26
82	Glucosylation of Resveratrol Improves its Immunomodulating Activity and the Viability of Murine Macrophage RAW 264.7 Cells. Microbiology and Biotechnology Letters, 2017, 45, 19-26.	0.4	2
83	Donor substrate flexibility study of AtUGT89C1, a glycosyltransferase from Arabidopsis thaliana. Journal of Carbohydrate Chemistry, 2016, 35, 367-377.	1.1	4
84	Hydroxylation of diverse flavonoids by CYP450 BM3 variants: biosynthesis of eriodictyol from naringenin in whole cells and its biological activities. Microbial Cell Factories, 2016, 15, 135.	4.0	54
85	Genetic Manipulation of Nocardia Species. Current Protocols in Microbiology, 2016, 40, 10F.2.1-10F.2.18.	6.5	14
86	Anticancer activity of 7,8-dihydroxyflavone in melanoma cells via downregulation of β -MSH/cAMP/MITF pathway. Oncology Reports, 2016, 36, 528-534.	2.6	15
87	Biosynthesis of a novel fisetin glycoside from engineered Escherichia coli. Journal of Industrial and Engineering Chemistry, 2016, 43, 13-19.	5.8	10
88	Apigenin Inhibits Cancer Stem Cell-Like Phenotypes in Human Glioblastoma Cells via Suppression of c-Met Signaling. Phytotherapy Research, 2016, 30, 1833-1840.	5.8	78
89	Enhanced production of nargenicin A1 and creation of a novel derivative using a synthetic biology platform. Applied Microbiology and Biotechnology, 2016, 100, 9917-9931.	3.6	25
90	Istamycin aminoglycosides profiling and their characterization in Streptomyces tenjimariensis ATCC 31603 culture using high-performance liquid chromatography with tandem mass spectrometry. Journal of Separation Science, 2016, 39, 4712-4722.	2.5	6

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91	Overexpression of a pathway specific negative regulator enhances production of daunorubicin in bldA deficient <i>Streptomyces peucetius</i> ATCC 27952. <i>Microbiological Research</i> , 2016, 192, 96-102.	5.3	18
92	Donor specificity of YjiC glycosyltransferase determines the conjugation of cytosolic NDP-sugar in in vivo glycosylation reactions. <i>Enzyme and Microbial Technology</i> , 2016, 91, 26-33.	3.2	7
93	The immunostimulating activity of quercetin 3-O-xyloside in murine macrophages via activation of the ASK1/MAPK/NF- κ B signaling pathway. <i>International Immunopharmacology</i> , 2016, 31, 88-97.	3.8	50
94	Characterization of fortimicin aminoglycoside profiles produced from <i>Micromonospora olivasterospora</i> DSM 43868 by high-performance liquid chromatography-electrospray ionization-ion trap-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 1667-1678.	3.7	5
95	7,8-Dihydroxyflavone inhibits adipocyte differentiation via antioxidant activity and induces apoptosis in 3T3-L1 preadipocyte cells. <i>Life Sciences</i> , 2016, 144, 103-112.	4.3	34
96	In vitro single-vessel enzymatic synthesis of novel Resvera-A glucosides. <i>Carbohydrate Research</i> , 2016, 424, 8-14.	2.3	9
97	Methylation of flavonoids: Chemical structures, bioactivities, progress and perspectives for biotechnological production. <i>Enzyme and Microbial Technology</i> , 2016, 86, 103-116.	3.2	140
98	Enzymatic synthesis of lactosylated and sialylated derivatives of epothilone A. <i>Glycoconjugate Journal</i> , 2016, 33, 137-146.	2.7	5
99	Microbial production of natural and non-natural flavonoids: Pathway engineering, directed evolution and systems/synthetic biology. <i>Biotechnology Advances</i> , 2016, 34, 634-662.	11.7	214
100	Synthetic analog of anticancer drug daunorubicin from daunorubicinone using one-pot enzymatic UDP-recycling glycosylation. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016, 124, 1-10.	1.8	17
101	Advances in Biochemistry and Microbial Production of Squalene and Its Derivatives. <i>Journal of Microbiology and Biotechnology</i> , 2016, 26, 441-451.	2.1	49
102	Expanded acceptor substrates flexibility study of flavonol 7-O-rhamnosyltransferase, AtUGT89C1 from <i>Arabidopsis thaliana</i> . <i>Carbohydrate Research</i> , 2015, 418, 13-19.	2.3	17
103	Synthetic sugar cassettes for the efficient production of flavonol glycosides in <i>Escherichia coli</i> . <i>Microbial Cell Factories</i> , 2015, 14, 76.	4.0	42
104	Commentary: Toward a new focus in antibiotic and drug discovery from the <i>Streptomyces</i> arsenal. <i>Frontiers in Microbiology</i> , 2015, 6, 727.	3.5	15
105	Genetic evidence for the involvement of glycosyltransferase PdmQ and PdmS in biosynthesis of pradimicin from <i>Actinomadura hibisca</i> . <i>Microbiological Research</i> , 2015, 174, 9-16.	5.3	6
106	Enhanced Production of Nargenicin A1 and Generation of Novel Glycosylated Derivatives. <i>Applied Biochemistry and Biotechnology</i> , 2015, 175, 2934-2949.	2.9	22
107	Structural modification of herboxidiene by substrate-flexible cytochrome P450 and glycosyltransferase. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 3421-3431.	3.6	11
108	Modification of emodin and aloe-emodin by glycosylation in engineered <i>Escherichia coli</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2015, 31, 611-619.	3.6	21

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109	Functional Analysis of the GlcP Promoter in <i>Streptomyces peucetius</i> var. <i>caesius</i> . <i>Applied Biochemistry and Biotechnology</i> , 2015, 175, 3207-3217.	2.9	7
110	Inhibitory effects of kaempferol-3-O-rhamnoside on ovalbumin-induced lung inflammation in a mouse model of allergic asthma. <i>International Immunopharmacology</i> , 2015, 25, 302-310.	3.8	55
111	Paired-termini antisense RNA mediated inhibition of DoxR in <i>Streptomyces peucetius</i> ATCC 27952. <i>Biotechnology and Bioprocess Engineering</i> , 2015, 20, 381-388.	2.6	6
112	Biosynthesis of amino deoxy-sugar-conjugated flavonol glycosides by engineered <i>Escherichia coli</i> . <i>Biochemical Engineering Journal</i> , 2015, 101, 191-199.	3.6	17
113	Antiangiogenic activity of herboxidiene via downregulation of vascular endothelial growth factor receptor-2 and hypoxia-inducible factor-1 α . <i>Archives of Pharmacal Research</i> , 2015, 38, 1728-1735.	6.3	13
114	Herboxidiene biosynthesis, production, and structural modifications: prospect for hybrids with related polyketide. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 8351-8362.	3.6	18
115	Enzymatic synthesis of novel isobavachalcone glucosides via a UDP-glycosyltransferase. <i>Archives of Pharmacal Research</i> , 2015, 38, 2208-2215.	6.3	9
116	Laboratory Maintenance of <i>Nocardia</i> Species. <i>Current Protocols in Microbiology</i> , 2015, 39, 10F.1.1-10F.1.8.	6.5	9
117	Activation of Cryptic hop Genes from <i>Streptomyces peucetius</i> ATCC 27952 Involved in Hopanoid Biosynthesis. <i>Journal of Microbiology and Biotechnology</i> , 2015, 25, 658-661.	2.1	20
118	Efficient enzymatic systems for synthesis of novel β -mangostin glycosides exhibiting antibacterial activity against Gram-positive bacteria. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 8527-8538.	3.6	24
119	Enzymatic Biosynthesis of Novel Resveratrol Glucoside and Glycoside Derivatives. <i>Applied and Environmental Microbiology</i> , 2014, 80, 7235-7243.	3.1	58
120	Metabolic Engineering of Rational Screened <i>Saccharopolyspora spinosa</i> for the Enhancement of Spinosyns A and D Production. <i>Molecules and Cells</i> , 2014, 37, 727-733.	2.6	17
121	Glucosylation of Isoflavonoids in Engineered <i>Escherichia coli</i> . <i>Molecules and Cells</i> , 2014, 37, 172-177.	2.6	47
122	Both extracellular chitinase and a new cyclic lipopeptide, chromobactomycin, contribute to the biocontrol activity of <i>Chromobacterium</i> sp. <i>C61</i> . <i>Molecular Plant Pathology</i> , 2014, 15, 122-132.	4.2	29
123	Assessing acceptor substrate promiscuity of YjiC-mediated glycosylation toward flavonoids. <i>Carbohydrate Research</i> , 2014, 393, 26-31.	2.3	70
124	Heterologous production of spectinomycin in <i>Streptomyces venezuelae</i> by exploiting the dTDP-d-desosamine pathway. <i>Journal of Biotechnology</i> , 2014, 174, 57-63.	3.8	8
125	Enzymatic glycosylation of the topical antibiotic mupirocin. <i>Glycoconjugate Journal</i> , 2014, 31, 563-572.	2.7	10
126	Glycosylation and subsequent malonylation of isoflavonoids in <i>E. coli</i> : strain development, production and insights into future metabolic perspectives. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2014, 41, 1647-1658.	3.0	29

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127	Recent advances in biochemistry and biotechnological synthesis of avermectins and their derivatives. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 7747-7759.	3.6	30
128	Enzymatic synthesis of epothilone A glycosides. <i>AMB Express</i> , 2014, 4, 31.	3.0	38
129	An alkaline and metallo-protein type endo xylanase from <i>Streptomyces</i> sp. CSWu-1. <i>Biotechnology and Bioprocess Engineering</i> , 2014, 19, 311-319.	2.6	1
130	Methylation and subsequent glycosylation of 7,8-dihydroxyflavone. <i>Journal of Biotechnology</i> , 2014, 184, 128-137.	3.8	54
131	Construction of Artificial Biosynthetic Pathways for Resveratrol Glucoside Derivatives. <i>Journal of Microbiology and Biotechnology</i> , 2014, 24, 614-618.	2.1	27
132	Switching Antibiotics Production On and Off in Actinomycetes by an IclR Family Transcriptional Regulator from <i>Streptomyces peucetius</i> ATCC 27952. <i>Journal of Microbiology and Biotechnology</i> , 2014, 24, 1065-1072.	2.1	15
133	Characterization of sterol glucosyltransferase from <i>Salinispora tropica</i> CNB-440: Potential enzyme for the biosynthesis of sitosterol glucoside. <i>Enzyme and Microbial Technology</i> , 2013, 52, 234-240.	3.2	5
134	Exploration of two epimerase homologs in <i>Streptomyces peucetius</i> ATCC 27952. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 2493-2502.	3.6	2
135	Recent biotechnological progress in enzymatic synthesis of glycosides. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2013, 40, 1329-1356.	3.0	42
136	Improvement of Regio-Specific Production of Myricetin-3-O- β -L-Rhamnoside in Engineered <i>Escherichia coli</i> . <i>Applied Biochemistry and Biotechnology</i> , 2013, 171, 1956-1967.	2.9	24
137	Enzymatic Synthesis of Apigenin Glucosides by Glucosyltransferase (YjiC) from <i>Bacillus licheniformis</i> DSM 13. <i>Molecules and Cells</i> , 2013, 36, 355-361.	2.6	62
138	2-Deoxystreptamine-containing aminoglycoside antibiotics: Recent advances in the characterization and manipulation of their biosynthetic pathways. <i>Natural Product Reports</i> , 2013, 30, 11-20.	10.3	60
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