Te-Sheng Chang

List of Publications by Year
in descending order

47 papers	2,168 citations	471509 17 h-index	243625 44 g-index
47 all docs	47 docs citations	47 times ranked	2814 citing authors

#	ARTICLE	IF	CITATIONS
1	An Updated Review of Tyrosinase Inhibitors. International Journal of Molecular Sciences, 2009, 10, 2440-2475.	4.1	1,138
2	Natural Melanogenesis Inhibitors Acting Through the Down-Regulation of Tyrosinase Activity. Materials, 2012, 5, 1661-1685.	2.9	194
3	Evaluation of in Vitro and in Vivo Depigmenting Activity of Raspberry Ketone from Rheum officinale. International Journal of Molecular Sciences, 2011, 12, 4819-4835.	4.1	69
4	Mushroom tyrosinase inhibitory effects of isoflavones isolated from soygerm koji fermented with Aspergillus oryzae BCRC 32288. Food Chemistry, 2007, 105, 1430-1438.	8.2	67
5	Identifying 6,7,4â€²-Trihydroxyisoflavone as a Potent Tyrosinase Inhibitor. Bioscience, Biotechnology and Biochemistry, 2005, 69, 1999-2001.	1.3	63
6	<i>In Vitro</i>and<i>in Vivo</i>Melanogenesis Inhibition by Biochanin A from<i>Trifolium pratense</i>. Bioscience, Biotechnology and Biochemistry, 2011, 75, 914-918.	1.3	59
7	Two Potent Suicide Substrates of Mushroom Tyrosinase:Â 7,8,4â€˜-Trihydroxyisoflavone and 5,7,8,4â€˜-Tetrahydroxyisoflavone. Journal of Agricultural and Food Chemistry, 2007, 55, 2010-2015.	5.2	53
8	Evaluation of Depigmenting Activity by 8-Hydroxydaidzein in Mouse B16 Melanoma Cells and Human Volunteers. International Journal of Molecular Sciences, 2009, 10, 4257-4266.	4.1	48
9	Isolation, Bioactivity, and Production of ortho-Hydroxydaidzein and ortho-Hydroxygenistein. International Journal of Molecular Sciences, 2014, 15, 5699-5716.	4.1	42
10	Metabolism of the Soy Isoflavones Daidzein and Genistein by Fungi Used in the Preparation of Various Fermented Soybean Foods. Bioscience, Biotechnology and Biochemistry, 2007, 71, 1330-1333.	1.3	35
11	Murine tyrosinase Inhibitors from <i>Cynanchum bungei</i> and evaluation of <i>in vitro</i> and <i>in vivo</i> depigmenting activity. Experimental Dermatology, 2011, 20, 720-724.	2.9	31
12	Improving Free Radical Scavenging Activity of Soy Isoflavone Glycosides Daidzin and Genistin by 3â€²-Hydroxylation Using Recombinant Escherichia coli. Molecules, 2016, 21, 1723.	3.8	23
13	Melanogenesis Inhibition by Homoisoflavavone Sappanone A from Caesalpinia sappan. International Journal of Molecular Sciences, 2012, 13, 10359-10367.	4.1	22
14	Potential Industrial Production of a Well-Soluble, Alkaline-Stable, and Anti-Inflammatory Isoflavone Glucoside from 8-Hydroxydaidzein Glucosylated by Recombinant Amylosucrase of Deinococcus geothermalis. Molecules, 2019, 24, 2236.	3.8	21
15	Production of ortho-hydroxydaidzein derivatives by a recombinant strain of Pichia pastoris harboring a cytochrome P450 fusion gene. Process Biochemistry, 2013, 48, 426-429.	3.7	20
16	Identification of 3â€²-hydroxygenistein as a potent melanogenesis inhibitor from biotransformation of genistein by recombinant Pichia pastoris. Process Biochemistry, 2015, 50, 1614-1617.	3.7	18
17	Production and Anti-Melanoma Activity of Methoxyisoflavones from the Biotransformation of Genistein by Two Recombinant Escherichia coli Strains. Molecules, 2017, 22, 87.	3.8	17
18	Production of New Isoflavone Glucosides from Glycosylation of 8-Hydroxydaidzein by Glycosyltransferase from Bacillus subtilis ATCC 6633. Catalysts, 2018, 8, 387.	3.5	17

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19	Tyrosinase inhibitors isolated from the roots of Paeonia suffruticosa. Journal of Cosmetic Science, 2009, 60, 347-52.	0.1	17
20	Inhibitory effect of homochlorcyclizine on melanogenesis in Î±-melanocyte stimulating hormone-stimulated mouse B16 melanoma cells. Archives of Pharmacal Research, 2012, 35, 119-127.	6.3	16
21	Improving 3ï¿½ï¿½-Hydroxygenistein Production in Recombinant Pichia pastoris Using Periodic Hydrogen Peroxide-Shocking Strategy. Journal of Microbiology and Biotechnology, 2016, 26, 498-502.	2.1	16
22	Production of Two Novel Methoxy-Isoflavones from Biotransformation of 8-Hydroxydaidzein by Recombinant Escherichia coli Expressing O-Methyltransferase SpOMT2884 from Streptomyces peucetius. International Journal of Molecular Sciences, 2015, 16, 27816-27823.	4.1	14
23	Uridine Diphosphate-Dependent Glycosyltransferases from Bacillus subtilis ATCC 6633 Catalyze the 15-O-Glycosylation of Ganoderic Acid A. International Journal of Molecular Sciences, 2018, 19, 3469.	4.1	14
24	New Triterpenoid from Novel Triterpenoid 15-O-Glycosylation on Ganoderic Acid A by Intestinal Bacteria of Zebrafish. Molecules, 2018, 23, 2345.	3.8	13
25	A New Triterpenoid Glucoside from a Novel Acidic Glycosylation of Ganoderic Acid A via Recombinant Glycosyltransferase of Bacillus subtilis. Molecules, 2019, 24, 3457.	3.8	11
26	Inhibitory effect of danazol on melanogenesis in mouse B16 melanoma cells. Archives of Pharmacal Research, 2010, 33, 1959-1965.	6.3	10
27	Biotransformation of Ergostane Triterpenoid Antcin K from Antrodia cinnamomea by Soil-Isolated Psychrobacillus sp. AK 1817. Catalysts, 2017, 7, 299.	3.5	10
28	Biotransformation of celastrol to a novel, well-soluble, low-toxic and anti-oxidative celastrol-29-O-Î²-glucoside by Bacillus glycosyltransferases. Journal of Bioscience and Bioengineering, 2021, 131, 176-182.	2.2	10
29	Identifying 8-hydroxynaringenin as a suicide substrate of mushroom tyrosinase. Journal of Cosmetic Science, 2010, 61, 205-10.	0.1	10
30	Melanogenesis Inhibitory Activity of Two Generic Drugs: Cinnarizine and Trazodone in Mouse B16 Melanoma Cells. International Journal of Molecular Sciences, 2011, 12, 8787-8796.	4.1	9
31	Biotransformation of isoflavones daidzein and genistein by recombinant Pichia pastoris expressing membrane-anchoring and reductase fusion chimeric CYP105D7. Journal of the Taiwan Institute of Chemical Engineers, 2016, 60, 26-31.	5.3	9
32	Enzymatic Synthesis of Novel Vitexin Glucosides. Molecules, 2021, 26, 6274.	3.8	9
33	A Genome-Centric Approach Reveals a Novel Glycosyltransferase from the GA A07 Strain of Bacillus thuringiensis Responsible for Catalyzing 15-O-Glycosylation of Ganoderic Acid A. International Journal of Molecular Sciences, 2019, 20, 5192.	4.1	8
34	Improving Aqueous Solubility of Natural Antioxidant Mangiferin through Glycosylation by Maltogenic Amylase from Parageobacillus galactosidasius DSM 18751. Antioxidants, 2021, 10, 1817.	5.1	8
35	Sequential Biotransformation of Antcin K by Bacillus subtilis ATCC 6633. Catalysts, 2018, 8, 349.	3.5	7
36	Inhibition of Melanogenesis by Yeast Extracts from Cultivations of Recombinant Pichia pastoris Catalyzing ortho-Hydroxylation of Flavonoids. Current Pharmaceutical Biotechnology, 2015, 16, 1085-1093.	1.6	6

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37	Production of New Isoflavone Diglucosides from Glycosylation of 8-Hydroxydaidzein by Deinococcus geothermalis Amylosucrase. Fermentation, 2021, 7, 232.	3.0	6
38	Application of Biotransformation-Guided Purification in Chinese Medicine: An Example to Produce Butin from Licorice. Catalysts, 2022, 12, 718.	3.5	6
39	One-Pot Bi-Enzymatic Cascade Synthesis of Novel Ganoderma Triterpenoid Saponins. Catalysts, 2021, 11, 580.	3.5	5
40	Enzymatic Synthesis of Novel and Highly Soluble Puerarin Glucoside by Deinococcus geothermalis Amylosucrase. Molecules, 2022, 27, 4074.	3.8	5
41	Glycosylation of Ganoderic Acid G by Bacillus Glycosyltransferases. International Journal of Molecular Sciences, 2021, 22, 9744.	4.1	4
42	Production of a new triterpenoid disaccharide saponin from sequential glycosylation of ganoderic acid A by 2 <i>Bacillus</i> glycosyltransferases. Bioscience, Biotechnology and Biochemistry, 2021, 85, 687-690.	1.3	3
43	8-Hydroxydaidzein is unstable in alkaline solutions. Journal of Cosmetic Science, 2009, 60, 353-7.	0.1	3
44	Biotransformation of Ganoderic Acid A to 3-O-Acetyl Ganoderic Acid A by Soil-isolated Streptomyces sp.. Fermentation, 2018, 4, 101.	3.0	2
45	Complete Genome Sequence of the Soil-Isolated Psychrobacillus sp. Strain AK 1817, Capable of Biotransforming the Ergostane Triterpenoid Antcin K. Microbiology Resource Announcements, 2021, 10, e0124220.	0.6	0
46	Glycosylation of Ganoderic Acid A via Recombinant Glycosyltransferase of Bacillus subtilis Under Acidic Operating Condition. FASEB Journal, 2020, 34, 1-1.	0.5	0
47	Novel Glycosylation by Amylosucrase to Produce Glycoside Anomers. Biology, 2022, 11, 822.	2.8	0