

Yanchun Shao

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29
papers

794
citations

14
h-index

28
g-index

32
ext. papers

1,202
ext. citations

4.8
avg, IF

3.95
L-index

#	Paper	IF	Citations
29	Orange, red, yellow: biosynthesis of azaphilone pigments in fungi. <i>Chemical Science</i> , 2017 , 8, 4917-4925	9.4	134
28	Edible Filamentous Fungi from the Species <i>Monascus</i> : Early Traditional Fermentations, Modern Molecular Biology, and Future Genomics. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2015 , 14, 555-567	16.4	114
27	Development of multiplex loop-mediated isothermal amplification-RFLP (mLAMP-RFLP) to detect <i>Salmonella</i> spp. and <i>Shigella</i> spp. in milk. <i>International Journal of Food Microbiology</i> , 2011 , 148, 75-9	5.8	82
26	MpigE, a gene involved in pigment biosynthesis in <i>Monascus ruber</i> M7. <i>Applied Microbiology and Biotechnology</i> , 2014 , 98, 285-96	5.7	53
25	Insights into <i>Monascus</i> biology at the genetic level. <i>Applied Microbiology and Biotechnology</i> , 2014 , 98, 3911-22	5.7	52
24	Characteristic analysis of transformants in T-DNA mutation library of <i>Monascus ruber</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2009 , 25, 989-995	4.4	34
23	Ku70 and ku80 null mutants improve the gene targeting frequency in <i>Monascus ruber</i> M7. <i>Applied Microbiology and Biotechnology</i> , 2013 , 97, 4965-76	5.7	33
22	Inactivation of the global regulator LaeA in <i>Monascus ruber</i> results in a species-dependent response in sporulation and secondary metabolism. <i>Fungal Biology</i> , 2016 , 120, 297-305	2.8	32
21	Global insights into acetic acid resistance mechanisms and genetic stability of <i>Acetobacter pasteurianus</i> strains by comparative genomics. <i>Scientific Reports</i> , 2015 , 5, 18330	4.9	31
20	mrflbA, encoding a putative FlbA, is involved in aerial hyphal development and secondary metabolite production in <i>Monascus ruber</i> M-7. <i>Fungal Biology</i> , 2012 , 116, 225-33	2.8	30
19	Effects of Light Intensity and Color on the Biomass, Extracellular Red Pigment, and Citrinin Production of <i>Monascus ruber</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 9506-9514	5.7	29
18	Free Phenolic Acids in Shanxi Aged Vinegar: Changes During Aging and Synergistic Antioxidant Activities. <i>International Journal of Food Properties</i> , 2016 , 19, 1183-1193	3	22
17	Cloning and functional analysis of the G β gene Mgb1 and the G α gene Mgg1 in <i>Monascus ruber</i> . <i>Journal of Microbiology</i> , 2014 , 52, 35-43	3	18
16	Monacolin K production by citrinin-free <i>Monascus pilosus</i> MS-1 and fermentation process monitoring. <i>Engineering in Life Sciences</i> , 2014 , 14, 538-545	3.4	15
15	Identification and role analysis of an intermediate produced by a polygenic mutant of <i>Monascus</i> pigments cluster in <i>Monascus ruber</i> M7. <i>Applied Microbiology and Biotechnology</i> , 2016 , 100, 7037-49	5.7	14
14	Production and optimization of monacolin K by citrinin-free <i>Monascus pilosus</i> MS-1 in solid-state fermentation using non-glutinous rice and soybean flours as substrate. <i>European Food Research and Technology</i> , 2014 , 239, 629-636	3.4	14
13	Effects of glycerol on pigments and monacolin K production by the high-monacolin K-producing but citrinin-free strain, <i>Monascus pilosus</i> MS-1. <i>European Food Research and Technology</i> , 2015 , 240, 635-643	3.4	13

12	Cloning, expression and characterization of a novel cold-active and organic solvent-tolerant esterase from <i>Monascus ruber</i> M7. <i>Extremophiles</i> , 2016 , 20, 451-9	3	13
11	Monasone Naphthoquinone Biosynthesis and Resistance in Fungi. <i>MBio</i> , 2020 , 11,	7.8	12
10	NAD-dependent HDAC inhibitor stimulates <i>Monascus</i> pigment production but inhibit citrinin. <i>AMB Express</i> , 2017 , 7, 166	4.1	11
9	Effects of Different G-Protein β Subunits on Growth, Development and Secondary Metabolism of M7. <i>Frontiers in Microbiology</i> , 2019 , 10, 1555	5.7	10
8	Efficient gene targeting in ligase IV-deficient <i>Monascus ruber</i> M7 by perturbing the non-homologous end joining pathway. <i>Fungal Biology</i> , 2014 , 118, 846-54	2.8	6
7	Effects of an alternative oxidase gene on conidia viability under external stresses in <i>Monascus ruber</i> M7. <i>Journal of Basic Microbiology</i> , 2017 , 57, 413-418	2.7	5
6	mrskn7, a putative response regulator gene of <i>Monascus ruber</i> M7, is involved in oxidative stress response, development, and mycotoxin production. <i>Mycologia</i> , 2016 , 108, 851-859	2.4	5
5	<i>Monascus</i> Pigments 2016 , 497-535		3
4	Proteome analysis reveals global response to deletion of mrflbA in <i>Monascus ruber</i> . <i>Journal of Microbiology</i> , 2018 , 56, 255-263	3	2
3	From Traditional Application to Genetic Mechanism: Opinions on Research in the New Milestone. <i>Frontiers in Microbiology</i> , 2021 , 12, 659907	5.7	2
2	MrGcn5 is required for the mycotoxin production, sexual and asexual development in <i>Monascus ruber</i> . <i>Food Bioscience</i> , 2021 , 43, 101304	4.9	1
1	Histone deacetylase MrRpd3 plays a major regulational role in the mycotoxin production of <i>Monascus ruber</i> . <i>Food Control</i> , 2022 , 132, 108457	6.2	0