

# Niran Roongsawang

## List of Publications by Year in descending order

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37  
papers

1,083  
citations

567281

15  
h-index

395702

33  
g-index

37  
all docs

37  
docs citations

37  
times ranked

1388  
citing authors

#	ARTICLE	IF	CITATIONS
1	Diversity of Nonribosomal Peptide Synthetases Involved in the Biosynthesis of Lipopeptide Biosurfactants. <i>International Journal of Molecular Sciences</i> , 2011, 12, 141-172.	4.1	204
2	Cloning and Characterization of the Gene Cluster Encoding Arthrofactin Synthetase from <i>Pseudomonas</i> sp. MIS38. <i>Chemistry and Biology</i> , 2003, 10, 869-880.	6.0	108
3	Isolation and characterization of a halotolerant <i>Bacillus subtilis</i> BBK-1 which produces three kinds of lipopeptides: bacillomycin L, plipastatin, and surfactin. <i>Extremophiles</i> , 2002, 6, 499-506.	2.3	103
4	Production and Characterization of Biosurfactants from <i>Bacillus licheniformis</i> F2.2. <i>Bioscience, Biotechnology and Biochemistry</i> , 2003, 67, 1239-1244.	1.3	88
5	Production of Sophorolipid Biosurfactant by <i>Pichia anomala</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2008, 72, 2061-2068.	1.3	85
6	Deciphering Pactamycin Biosynthesis and Engineered Production of New Pactamycin Analogues. <i>ChemBioChem</i> , 2009, 10, 2253-2265.	2.6	77
7	Biosynthetic Studies and Genetic Engineering of Pactamycin Analogs with Improved Selectivity toward Malarial Parasites. <i>Chemistry and Biology</i> , 2011, 18, 425-431.	6.0	69
8	Phylogenetic analysis of condensation domains in the nonribosomal peptide synthetases. <i>FEMS Microbiology Letters</i> , 2005, 252, 143-151.	1.8	45
9	In Vivo Characterization of Tandem C-Terminal Thioesterase Domains in Arthrofactin Synthetase. <i>ChemBioChem</i> , 2007, 8, 501-512.	2.6	31
10	Identification and Characterization of the Genes Responsible for the Production of the Cyclic Lipopeptide Arthrofactin by <i>Pseudomonas</i> sp. MIS38. <i>Bioscience, Biotechnology and Biochemistry</i> , 2010, 74, 992-999.	1.3	27
11	Improvement of recombinant endoglucanase produced in <i>Pichia pastoris</i> KM71 through the use of synthetic medium for inoculum and pH control of proteolysis. <i>Journal of Bioscience and Bioengineering</i> , 2013, 116, 193-198.	2.2	27
12	Co-expression of Endoxylanase and Endoglucanase in <i>Scheffersomyces stipitis</i> and Its Application in Ethanol Production. <i>Applied Biochemistry and Biotechnology</i> , 2015, 177, 1690-1700.	2.9	22
13	A Novel Potential Signal Peptide Sequence and Overexpression of ER-Resident Chaperones Enhance Heterologous Protein Secretion in Thermotolerant Methylotrophic Yeast <i>Ogataea thermomethanolica</i> . <i>Applied Biochemistry and Biotechnology</i> , 2016, 178, 710-724.	2.9	20
14	Methanol-Inducible Promoter of Thermotolerant Methylotrophic Yeast <i>Ogataea thermomethanolica</i> BCC16875 Potential for Production of Heterologous Protein at High Temperatures. <i>Current Microbiology</i> , 2014, 69, 143-148.	2.2	17
15	Coexpression of fungal phytase and xylanase utilizing the cis-acting hydrolase element in <i>Pichia pastoris</i> . <i>FEMS Yeast Research</i> , 2010, 10, 909-916.	2.3	16
16	High Cell Density Process for Constitutive Production of a Recombinant Phytase in Thermotolerant Methylotrophic Yeast <i>Ogataea thermomethanolica</i> Using Table Sugar as Carbon Source. <i>Applied Biochemistry and Biotechnology</i> , 2016, 180, 1618-1634.	2.9	16
17	CRISPR-Cas9 enabled targeted mutagenesis in the thermotolerant methylotrophic yeast <i>Ogataea thermomethanolica</i> . <i>FEMS Microbiology Letters</i> , 2018, 365, .	1.8	15
18	A novel sucrose-based expression system for heterologous proteins expression in thermotolerant methylotrophic yeast <i>Ogataea thermomethanolica</i> . <i>FEMS Microbiology Letters</i> , 2018, 365, .	1.8	15

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19	Heterologous protein expression in <i>Pichia thermomethanolica</i> BCC16875, a thermotolerant methylotrophic yeast and characterization of N-linked glycosylation in secreted protein. <i>FEMS Microbiology Letters</i> , 2012, 334, 127-134.	1.8	13
20	Use of the glyceraldehyde-3-phosphate dehydrogenase promoter from a thermotolerant yeast, <i>Pichia thermomethanolica</i> , for heterologous gene expression, especially at elevated temperature. <i>Annals of Microbiology</i> , 2014, 64, 1457-1462.	2.6	13
21	Development of tailor-made synergistic cellulolytic enzyme system for saccharification of steam exploded sugarcane bagasse. <i>Journal of Bioscience and Bioengineering</i> , 2018, 125, 390-396.	2.2	12
22	Anti-cancer effect of engineered recombinant interleukin 18. <i>Advances in Clinical and Experimental Medicine</i> , 2020, 29, 1135-1143.	1.4	11
23	Hac1 function revealed by the protein expression profile of a OtHAC1 mutant of thermotolerant methylotrophic yeast <i>Ogataea thermomethanolica</i> . <i>Molecular Biology Reports</i> , 2018, 45, 1311-1319.	2.3	7
24	Functional Analysis of A Pyoverdine Synthetase from <i>Pseudomonas</i> sp. MIS38. <i>Bioscience, Biotechnology and Biochemistry</i> , 2007, 71, 2002-2009.	1.3	6
25	Purification, characterization, and stabilization of alcohol oxidase from <i>Ogataea thermomethanolica</i> . <i>Protein Expression and Purification</i> , 2018, 150, 26-32.	1.3	6
26	Sucrose-inducible heterologous expression of phytase in high cell density cultivation of the thermotolerant methylotrophic yeast <i>Ogataea thermomethanolica</i> . <i>FEMS Microbiology Letters</i> , 2019, 366, .	1.8	5
27	Synthesis and characterization of <i>Ogataea thermomethanolica</i> alcohol oxidase immobilized on barium ferrite magnetic microparticles. <i>Journal of Bioscience and Bioengineering</i> , 2019, 127, 265-272.	2.2	5
28	Enhancement of thermostable $\beta$ -glucosidase production in a slow methanol utilization strain of <i>Pichia pastoris</i> by optimization of the specific methanol supply rate. <i>Biotechnology and Bioprocess Engineering</i> , 2015, 20, 315-323.	2.6	4
29	Protein secretion in wild-type and Othac1 mutant strains of thermotolerant methylotrophic yeast <i>Ogataea thermomethanolica</i> TBRC656. <i>Molecular Biology Reports</i> , 2020, 47, 461-468.	2.3	3
30	Identification of proteins responsive to heterologous protein production in thermotolerant methylotrophic yeast <i>Ogataea thermomethanolica</i> TBRC656. <i>Yeast</i> , 2021, 38, 316-325.	1.7	3
31	Modulation of heterologous protein secretion in the thermotolerant methylotrophic yeast <i>Ogataea thermomethanolica</i> TBRC 656 by CRISPR-Cas9 system. <i>PLoS ONE</i> , 2021, 16, e0258005.	2.5	3
32	Optimal Design of Cost-Effective Simultaneous Saccharification and Co-fermentation Through Integrated Process Optimization. <i>Bioenergy Research</i> , 2017, 10, 891-902.	3.9	2
33	Immunologic Function and Molecular Insight of Recombinant Interleukin-18. <i>PLoS ONE</i> , 2016, 11, e0160321.	2.5	2
34	Surface cysteine to serine substitutions in IL-18 reduce aggregation and enhance activity. <i>PeerJ</i> , 0, 10, e13626.	2.0	2
35	Multiplexed CRISPR-mediated engineering of protein secretory pathway genes in the thermotolerant methylotrophic yeast <i>Ogataea thermomethanolica</i> . <i>PLoS ONE</i> , 2021, 16, e0261754.	2.5	1
36	A Truncated Form of SpoT, Including the ACT Domain, Inhibits the Production of Cyclic Lipopeptide Arthrofactin, and Is Associated with Moderate Elevation of Guanosine 3 $\alpha$ ,5 $\beta$ -Bispyrophosphate Level in <i>Pseudomonas</i> sp. MIS38. <i>Bioscience, Biotechnology and Biochemistry</i> , 2011, 75, 1880-1888.	1.3	0

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37	Evaluation of Methylotrophic Yeast <i>Ogataea thermomethanolica</i> TBRC 656 as a Heterologous Host for Production of an Animal Vaccine Candidate. <i>Molecular Biotechnology</i> , 2022, , .	2.4	0