

# Youichi Niimura

## List of Publications by Year in descending order

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18  
papers

166  
citations

1307594

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1125743

13  
g-index

19  
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19  
docs citations

19  
times ranked

228  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Lactobacillus floricola</i> sp. nov., lactic acid bacteria isolated from mountain flowers. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 1356-1359.	1.7	31
2	<i>Lactobacillus ozensis</i> sp. nov., isolated from mountain flowers. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 2435-2438.	1.7	30
3	Purification and characterization of oxygen-inducible haem catalase from oxygen-tolerant <i>Bifidobacterium asteroides</i> . <i>Microbiology (United Kingdom)</i> , 2013, 159, 89-95.	1.8	20
4	<i>Escherichia coli</i> ferredoxin-NADP <sup>+</sup> reductase and oxygen-insensitive nitroreductase are capable of functioning as ferric reductase and of driving the Fenton reaction. <i>BioMetals</i> , 2010, 23, 727-737.	4.1	18
5	O <sub>2</sub> -inducible H <sub>2</sub> O <sub>2</sub> -forming NADPH oxidase is responsible for the hyper O <sub>2</sub> sensitivity of <i>Bifidobacterium longum</i> subsp. <i>infantis</i> . <i>Scientific Reports</i> , 2018, 8, 10750.	3.3	13
6	Intracellular free flavin and its associated enzymes participate in oxygen and iron metabolism in <i>Amphibacillus xylanus</i> lacking a respiratory chain. <i>FEBS Open Bio</i> , 2018, 8, 947-961.	2.3	8
7	Free flavins accelerate release of ferrous iron from iron storage proteins by both free flavin-dependent and -independent ferric reductases in <i>Escherichia coli</i> . <i>Journal of General and Applied Microbiology</i> , 2019, 65, 308-315.	0.7	7
8	NADH oxidase and alkyl hydroperoxide reductase subunit C (peroxiredoxin) from <i>Amphibacillus xylanus</i> form an oligomeric assembly. <i>FEBS Open Bio</i> , 2015, 5, 124-131.	2.3	6
9	Isolation of lactic acid bacteria exhibiting high scavenging activity for environmental hydrogen peroxide from fermented foods and its two scavenging enzymes for hydrogen peroxide. <i>Journal of General and Applied Microbiology</i> , 2016, 62, 75-82.	0.7	6
10	Purified thioredoxin reductase from O <sub>2</sub> -sensitive <i>Bifidobacterium bifidum</i> degrades H <sub>2</sub> O <sub>2</sub> by interacting with alkyl hydroperoxide reductase. <i>Anaerobe</i> , 2019, 57, 45-54.	2.1	6
11	<i>Synechocystis</i> ferredoxin-NADP <sup>+</sup> oxidoreductase is capable of functioning as ferric reductase and of driving the Fenton reaction in the absence or presence of free flavin. <i>BioMetals</i> , 2011, 24, 311-321.	4.1	4
12	Adaptive response of <i>Amphibacillus xylanus</i> to normal aerobic and forced oxidative stress conditions. <i>Microbiology (United Kingdom)</i> , 2014, 160, 340-352.	1.8	3
13	<i>Cucumis sativus</i> secretes 4- $\beta$ -ketoriboflavin under iron-deficient conditions. <i>Bioscience, Biotechnology and Biochemistry</i> , 2016, 80, 363-367.	1.3	3
14	Isolation of lactic acid bacteria capable of reducing environmental alkyl and fatty acid hydroperoxides, and the effect of their oral administration on oxidative-stressed nematodes and rats. <i>PLoS ONE</i> , 2020, 15, e0215113.	2.5	3
15	The NADH Oxidase-Prx System in <i>Amphibacillus Xylanus</i> . <i>Sub-Cellular Biochemistry</i> , 2007, 44, 195-205.	2.4	3
16	Oxygen adaptation mechanism of anaerobic bacteria <i>Microbial ecology</i> under 0.21% oxygen concentrations. <i>Japanese Journal of Lactic Acid Bacteria</i> , 2013, 24, 79-87.	0.1	3
17	Esterification of side-chain oxysterols by lysosomal phospholipase A2. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020, 1865, 158787.	2.4	2
18	Comparison of composition-gradient sedimentation equilibrium and composition-gradient static light scattering as techniques for quantitative characterization of biomolecular interactions: A case study. <i>Analytical Biochemistry</i> , 2019, 583, 113339.	2.4	0