

# Tohru Yoshimura

## List of Publications by Year in descending order

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11  
papers

301  
citations

1163117

8  
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1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

328  
citing authors

#	ARTICLE	IF	CITATIONS
1	Urinary <i>l</i> -erythro- $\beta$ -hydroxyasparagine” a novel serine racemase inhibitor and substrate of the Zn <sup>2+</sup> -dependent <i>d</i> -serine dehydratase. <i>Bioscience Reports</i> , 2021, 41, .	2.4	1
2	D-Serine Metabolism and Its Importance in Development of <i>Dictyostelium discoideum</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 784.	3.5	6
3	Occurrence of the (2R,3S)-Isomer of 2-Amino-3,4-dihydroxybutanoic Acid in the Mushroom <i>Hypsizygus marmoreus</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 6131-6139.	5.2	5
4	Serine racemase is involved in <i>d</i> -aspartate biosynthesis. <i>Journal of Biochemistry</i> , 2016, 160, 345-353.	1.7	58
5	Ophthalmic acid accumulation in an <i>Escherichia coli</i> mutant lacking the conserved pyridoxal 5-phosphate-binding protein YggS. <i>Journal of Bioscience and Bioengineering</i> , 2016, 122, 689-693.	2.2	19
6	Lysine racemase from a lactic acid bacterium, <i>Oenococcus oeni</i> : structural basis of substrate specificity. <i>Journal of Biochemistry</i> , 2012, 152, 505-508.	1.7	21
7	Role of zinc ion for catalytic activity in <i>d</i> -serine dehydratase from <i>Saccharomyces cerevisiae</i> . <i>FEBS Journal</i> , 2012, 279, 612-624.	4.7	14
8	Simultaneous determination of <i>d</i> -amino acids by the coupling method of <i>d</i> -amino acid oxidase with high-performance liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 3190-3195.	2.3	22
9	<i>d</i> -Amino acids in the brain: structure and function of pyridoxal phosphate-dependent amino acid racemases. <i>FEBS Journal</i> , 2008, 275, 3527-3537.	4.7	68
10	A novel zinc-dependent <i>D</i> -serine dehydratase from <i>Saccharomyces cerevisiae</i> . <i>Biochemical Journal</i> , 2008, 409, 399-406.	3.7	50
11	Enzymatic assay of <i>d</i> -serine using <i>d</i> -serine dehydratase from <i>Saccharomyces cerevisiae</i> . <i>Analytical Biochemistry</i> , 2007, 371, 167-172.	2.4	37