Tohru Yoshimura

List of Publications by Year
in descending order

11	301	1163117 8	1281871 11
papers	citations	h-index	g-index

11	11	11	328
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	<scp>d</scp>â€Amino acids in the brain: structure and function of pyridoxal phosphateâ€dependent amino acid racemases. FEBS Journal, 2008, 275, 3527-3537.	4.7	68
2	Serine racemase is involved in d-aspartate biosynthesis. Journal of Biochemistry, 2016, 160, 345-353.	1.7	58
3	A novel zinc-dependent <scp>D</scp>-serine dehydratase from Saccharomyces cerevisiae. Biochemical Journal, 2008, 409, 399-406.	3.7	50
4	Enzymatic assay of d-serine using d-serine dehydratase from Saccharomyces cerevisiae. Analytical Biochemistry, 2007, 371, 167-172.	2.4	37
5	Simultaneous determination of d-amino acids by the coupling method of d-amino acid oxidase with high-performance liquid chromatography. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2011, 879, 3190-3195.	2.3	22
6	Lysine racemase from a lactic acid bacterium, Oenococcus oeni: structural basis of substrate specificity. Journal of Biochemistry, 2012, 152, 505-508.	1.7	21
7	Ophthalmic acid accumulation in an Escherichia coli mutant lacking the conserved pyridoxal 5â€²-phosphate-binding protein YggS. Journal of Bioscience and Bioengineering, 2016, 122, 689-693.	2.2	19
8	Role of zinc ion for catalytic activity in <scp>d</scp>â€serine dehydratase from Saccharomycesâ€ƒcerevisiae. FEBS Journal, 2012, 279, 612-624.	4.7	14
9	D-Serine Metabolism and Its Importance in Development of Dictyostelium discoideum. Frontiers in Microbiology, 2018, 9, 784.	3.5	6
10	Occurrence of the (2R,3S)-Isomer of 2-Amino-3,4-dihydroxybutanoic Acid in the MushroomHypsizygus marmoreus. Journal of Agricultural and Food Chemistry, 2017, 65, 6131-6139.	5.2	5
11	Urinary <scp>l</scp>-erythro-Î²-hydroxyasparagineâ€”a novel serine racemase inhibitor and substrate of the Zn2+-dependent <scp>d</scp>-serine dehydratase. Bioscience Reports, 2021, 41, .	2.4	1