

Hiroshi Omote

List of Publications by Year in descending order

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15
papers

1,002
citations

933447

10
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

1638
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional characterization and tissue localization of the facilitative glucose transporter GLUT12. <i>Journal of Biochemistry</i> , 2020, 168, 611-620.	1.7	8
2	Function of essential chloride and arginine residue in nucleotide binding to vesicular nucleotide transporter. <i>Journal of Biochemistry</i> , 2019, 165, 479-486.	1.7	4
3	Efficient Mass Spectral Analysis of Active Transporters Overexpressed in <i>Escherichia coli</i> . <i>Journal of Proteome Research</i> , 2018, 17, 1108-1119.	3.7	3
4	Reconstitution and Transport Analysis of Eukaryotic Transporters in the Post-Genomic Era. <i>Methods in Molecular Biology</i> , 2018, 1700, 343-352.	0.9	2
5	Identification of a vesicular ATP release inhibitor for the treatment of neuropathic and inflammatory pain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E6297-E6305.	7.1	91
6	Structure, Function, and Drug Interactions of Neurotransmitter Transporters in the Postgenomic Era. <i>Annual Review of Pharmacology and Toxicology</i> , 2016, 56, 385-402.	9.4	27
7	Wide expression of type I Na ⁺ -phosphate cotransporter 3 (NPT3/SLC17A2), a membrane potential-driven organic anion transporter. <i>American Journal of Physiology - Cell Physiology</i> , 2015, 309, C71-C80.	4.6	21
8	AtPHT4;4 is a chloroplast-localized ascorbate transporter in Arabidopsis. <i>Nature Communications</i> , 2015, 6, 5928.	12.8	145
9	<i>Plasmodium falciparum</i> chloroquine resistance transporter is a H ⁺ -coupled polyspecific nutrient and drug exporter. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 3356-3361.	7.1	65
10	Identification of a mammalian vesicular polyamine transporter. <i>Scientific Reports</i> , 2014, 4, 6836.	3.3	71
11	Vesicular Neurotransmitter Transporters: An Approach for Studying Transporters With Purified Proteins. <i>Physiology</i> , 2013, 28, 39-50.	3.1	40
12	Type 1 Sodium-Dependent Phosphate Transporter acts as a Membrane Potential-Driven Urate Exporter. <i>Current Molecular Pharmacology</i> , 2013, 6, 88-94.	1.5	7
13	Vesicular Neurotransmitter Transporter: Bioenergetics and Regulation of Glutamate Transport. <i>Biochemistry</i> , 2011, 50, 5558-5565.	2.5	86
14	Metabolic Control of Vesicular Glutamate Transport and Release. <i>Neuron</i> , 2010, 68, 99-112.	8.1	331
15	Identification of a vesicular aspartate transporter. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 11720-11724.	7.1	101