

Kazuaki Matoba

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

582
citations

1307594

7
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

781
citing authors

#	ARTICLE	IF	CITATIONS
1	Atg9 is a lipid scramblase that mediates autophagosomal membrane expansion. <i>Nature Structural and Molecular Biology</i> , 2020, 27, 1185-1193.	8.2	253
2	Atg12-Atg5 conjugate enhances E2 activity of Atg3 by rearranging its catalytic site. <i>Nature Structural and Molecular Biology</i> , 2013, 20, 433-439.	8.2	131
3	Noncanonical recognition and UBL loading of distinct E2s by autophagy-essential Atg7. <i>Nature Structural and Molecular Biology</i> , 2012, 19, 1250-1256.	8.2	59
4	Super-assembly of ER-phagy receptor Atg40 induces local ER remodeling at contacts with forming autophagosomal membranes. <i>Nature Communications</i> , 2020, 11, 3306.	12.8	54
5	Structural Basis for Receptor-Mediated Selective Autophagy of Aminopeptidase I Aggregates. <i>Cell Reports</i> , 2016, 16, 19-27.	6.4	26
6	Structural catalog of core Atg proteins opens new era of autophagy research. <i>Journal of Biochemistry</i> , 2021, 169, 517-525.	1.7	16
7	Secret of Atg9: lipid scramblase activity drives de novo autophagosome biogenesis. <i>Cell Death and Differentiation</i> , 2020, 27, 3386-3388.	11.2	12
8	Crystallization and preliminary X-ray analysis of aspartate transcarbamoylase from the parasitic protist <i>Trypanosoma cruzi</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2009, 65, 933-936.	0.7	6
9	Crystallization and preliminary X-ray structural analysis of nucleoside triphosphate hydrolases from <i>Neospora caninum</i> and <i>Toxoplasma gondii</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2010, 66, 1445-1448.	0.7	6
10	Acetophenone 4-nitrophenylhydrazone inhibits Hepatitis B virus replication by modulating capsid assembly. <i>Virus Research</i> , 2021, 306, 198565.	2.2	6
11	Atg12-Interacting Motif Is Crucial for E2-E3 Interaction in Plant Atg8 System. <i>Biological and Pharmaceutical Bulletin</i> , 2021, 44, 1337-1343.	1.4	3
12	The potent protein phosphatase 2A inhibitors aminocytostatins: new derivatives of cytostatin. <i>Journal of Antibiotics</i> , 2021, 74, 743-751.	2.0	1