

Daisuke Noshiro

List of Publications by Year in descending order

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16
papers

1,106
citations

840776

11
h-index

940533

16
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docs citations

17
times ranked

1213
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural and dynamics analysis of intrinsically disordered proteins by high-speed atomic force microscopy. <i>Nature Nanotechnology</i> , 2021, 16, 181-189.	31.5	69
2	p62/SQSTM1-droplet serves as a platform for autophagosome formation and anti-oxidative stress response. <i>Nature Communications</i> , 2021, 12, 16.	12.8	137
3	A glutamine sensor that directly activates TORC1. <i>Communications Biology</i> , 2021, 4, 1093.	4.4	22
4	Two-State Exchange Dynamics in Membrane-Embedded Oligosaccharyltransferase Observed in Real-Time by High-Speed AFM. <i>Journal of Molecular Biology</i> , 2020, 432, 5951-5965.	4.2	5
5	Atg9 is a lipid scramblase that mediates autophagosomal membrane expansion. <i>Nature Structural and Molecular Biology</i> , 2020, 27, 1185-1193.	8.2	253
6	Liquidity Is a Critical Determinant for Selective Autophagy of Protein Condensates. <i>Molecular Cell</i> , 2020, 77, 1163-1175.e9.	9.7	118
7	Phase separation organizes the site of autophagosome formation. <i>Nature</i> , 2020, 578, 301-305.	27.8	263
8	The induction of RANKL molecule clustering could stimulate early osteoblast differentiation. <i>Biochemical and Biophysical Research Communications</i> , 2019, 509, 435-440.	2.1	16
9	Substrate protein dependence of GroEL-GroES interaction cycle revealed by high-speed atomic force microscopy imaging. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170180.	4.0	15
10	Calmodulin EF-hand peptides as Ca ²⁺ -switchable recognition tags. <i>Biopolymers</i> , 2017, 108, e22937.	2.4	1
11	The Intrinsically Disordered Protein Atg13 Mediates Supramolecular Assembly of Autophagy Initiation Complexes. <i>Developmental Cell</i> , 2016, 38, 86-99.	7.0	161
12	Extramembrane Control of Ion Channel Peptide Assemblies, Using Alamethicin as an Example. <i>Accounts of Chemical Research</i> , 2013, 46, 2924-2933.	15.6	14
13	Construction of a Ca ²⁺ -Gated Artificial Channel by Fusing Alamethicin with a Calmodulin-Derived Extramembrane Segment. <i>Bioconjugate Chemistry</i> , 2013, 24, 188-195.	3.6	5
14	Control of leakage activities of alamethicin analogs by metals: Side chain-dependent adverse gating response to Zn ²⁺ . <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 6870-6876.	3.0	2
15	Metal-Stimulated Regulation of Transcription by an Artificial Zinc-Finger Protein. <i>ChemBioChem</i> , 2010, 11, 1653-1655.	2.6	10
16	Metal-Assisted Channel Stabilization: Disposition of a Single Histidine on the N-terminus of Alamethicin Yields Channels with Extraordinarily Long Lifetimes. <i>Biophysical Journal</i> , 2010, 98, 1801-1808.	0.5	14