Nobuhiro Morone

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6067140/publications.pdf

Version: 2024-02-01

49 papers	4,098 citations	172457 29 h-index	233421 45 g-index
50 all docs	50 docs citations	50 times ranked	7115 citing authors

#	Article	IF	Citations
1	Cryo-EM structural analysis of FADD:Caspase-8 complexes defines the catalytic dimer architecture for co-ordinated control of cell fate. Nature Communications, 2021, 12, 819.	12.8	38
2	Capturing human trophoblast development with naive pluripotent stem cells inÂvitro. Cell Stem Cell, 2021, 28, 1023-1039.e13.	11.1	164
3	The pathogenesis of mesothelioma is driven by a dysregulated translatome. Nature Communications, 2021, 12, 4920.	12.8	20
4	The C terminus of p73 is essential for hippocampal development. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 15694-15701.	7.1	19
5	Mechanism of Crosstalk between the LSD1 Demethylase and HDAC1 Deacetylase in the CoREST Complex. Cell Reports, 2020, 30, 2699-2711.e8.	6.4	74
6	Improved unroofing protocols for cryo-electron microscopy, atomic force microscopy and freeze-etching electron microscopy and the associated mechanisms. Microscopy (Oxford, England), 2020, 69, 350-359.	1.5	4
7	Membrane fusogenic high-density lipoprotein nanoparticles. Biochimica Et Biophysica Acta - Biomembranes, 2019, 1861, 183008.	2.6	4
8	Membrane re-modelling by BAR domain superfamily proteins via molecular and non-molecular factors. Biochemical Society Transactions, 2018, 46, 379-389.	3.4	37
9	Nitric oxide-mediated posttranslational modifications control neurotransmitter release by modulating complexin farnesylation and enhancing its clamping ability. PLoS Biology, 2018, 16, e2003611.	5.6	28
10	Hybrid Cellular Metabolism Coordinated by Zic3 and Esrrb Synergistically Enhances Induction of Naive Pluripotency. Cell Metabolism, 2017, 25, 1103-1117.e6.	16.2	67
11	Human Pluripotent Stem Cell-Derived Cardiac Tissue-like Constructs for Repairing the Infarcted Myocardium. Stem Cell Reports, 2017, 9, 1546-1559.	4.8	107
12	Measurement of caveolin-1 densities in the cell membrane for quantification of caveolar deformation after exposure to hypotonic membrane tension. Scientific Reports, 2017, 7, 7794.	3.3	26
13	The modeling of Alzheimer's disease by the overexpression of mutant Presenilin 1 in human embryonic stem cells. Biochemical and Biophysical Research Communications, 2016, 469, 587-592.	2.1	14
14	Polymer-coated pH-responsive high-density lipoproteins. Journal of Controlled Release, 2016, 228, 132-140.	9.9	10
15	Confined diffusion of transmembrane proteins and lipids induced by the same actin meshwork lining the plasma membrane. Molecular Biology of the Cell, 2016, 27, 1101-1119.	2.1	165
16	Thermosensitive Ion Channel Activation in Single Neuronal Cells by Using Surfaceâ€Engineered Plasmonic Nanoparticles. Angewandte Chemie - International Edition, 2015, 54, 11725-11729.	13.8	96
17	Regulation of cargoâ€selective endocytosis by dynamin 2 <scp>GTP</scp>aseâ€activating protein girdin. EMBO Journal, 2014, 33, 2098-2112.	7.8	34
18	Helical DNA Origami Tubular Structures with Various Sizes and Arrangements. Angewandte Chemie - International Edition, 2014, 53, 7484-7490.	13.8	22

#	Article	IF	Citations
19	Diffusion-Coupled Molecular Assembly: Structuring of Coordination Polymers Across Multiple Length Scales. Journal of the American Chemical Society, 2014, 136, 14966-14973.	13.7	50
20	Mesoscopic Metal Nanoparticles Doubly Functionalized with Natural and Engineered Lipidic Dispersants for Therapeutics. ACS Nano, 2014, 8, 7370-7376.	14.6	23
21	Exclusive Photothermal Heat Generation by a Gadolinium Bis(naphthalocyanine) Complex and Inclusion into Modified High-Density Lipoprotein Nanocarriers for Therapeutic Applications. ACS Nano, 2013, 7, 8908-8916.	14.6	32
22	Biocompatible fluorescent silicon nanocrystals for single-molecule tracking and fluorescence imaging. Journal of Cell Biology, 2013, 202, 967-983.	5.2	48
23	Development of a reentrant arrhythmia model in human pluripotent stem cell-derived cardiac cell sheets. European Heart Journal, 2013, 34, 1147-1156.	2.2	72
24	Biocompatible fluorescent silicon nanocrystals for single-molecule tracking and fluorescence imaging. Journal of General Physiology, 2013, 142, 1424OIA31.	1.9	0
25	A Small Molecule that Promotes Cardiac Differentiation of Human Pluripotent Stem Cells under Defined, Cytokine- and Xeno-free Conditions. Cell Reports, 2012, 2, 1448-1460.	6.4	234
26	Membrane mechanisms for signal transduction: The coupling of the meso-scale raft domains to membrane-skeleton-induced compartments and dynamic protein complexes. Seminars in Cell and Developmental Biology, 2012, 23, 126-144.	5.0	127
27	Induced pluripotent stem cells from CINCA syndrome patients as a model for dissecting somatic mosaicism and drug discovery. Blood, 2012, 120, 1299-1308.	1.4	61
28	Utilization of Photoinduced Charge-Separated State of Donorâ€“Acceptor-Linked Molecules for Regulation of Cell Membrane Potential and Ion Transport. Journal of the American Chemical Society, 2012, 134, 6092-6095.	13.7	45
29	Label-Free Single-Particle Imaging of the Influenza Virus by Objective-Type Total Internal Reflection Dark-Field Microscopy. PLoS ONE, 2012, 7, e49208.	2.5	38
30	Cells Respond to Mechanical Stress by Rapid Disassembly of Caveolae. Cell, 2011, 144, 402-413.	28.9	791
31	Fractal dimension analysis and mathematical morphology of structural changes in actin filaments imaged by electron microscopy. Journal of Structural Biology, 2011, 176, 1-8.	2.8	15
32	Single-Molecule Fluorescence Polarization Study of Conformational Change in Archaeal Group II Chaperonin. PLoS ONE, 2011, 6, e22253.	2.5	6
33	Submembranous septins as relatively stable components of actinâ€based membrane skeleton. Cytoskeleton, 2011, 68, 512-525.	2.0	64
34	Extended morphological processing: a practical method for automatic spot detection of biological markers from microscopic images. BMC Bioinformatics, 2010, 11, 373.	2.6	37
35	Freeze-Etch Electron Tomography for the Plasma Membrane Interface. Methods in Molecular Biology, 2010, 657, 275-286.	0.9	10
36	Nitric Oxide Release in Human Aortic Endothelial Cells Mediated by Delivery of Amphiphilic Polysiloxane Nanoparticles to Caveolae. Biomacromolecules, 2009, 10, 2074-2085.	5.4	39

#	Article	IF	Citations
37	Chapter 12 Three-Dimensional Molecular Architecture of the Plasma-Membrane-Associated Cytoskeleton as Reconstructed by Freeze-Etch Electron Tomography. Methods in Cell Biology, 2008, 88, 207-236.	1.1	17
38	3P-189 High-density caveolar formation just beneath the plasma membrane during adipogenesis, as revealed by freeze-etch electron microscopy(The 46th Annual Meeting of the Biophysical Society of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.1	0
39	2S2-2 Three dimensional interplay of the membrane skeleton with the plasma membrane as visualized by freeze-etch electron tomography(2S2 Interactions between the cell membrane and the actin) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf Seibutsu Butsuri, 2008, 48, S8.	0.1	0
40	Engineering a Novel Multifunctional Green Fluorescent Protein Tag for a Wide Variety of Protein Research. PLoS ONE, 2008, 3, e3822.	2.5	44
41	Loss of Â-tubulin polyglutamylation in ROSA22 mice is associated with abnormal targeting of KIF1A and modulated synaptic function. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 3213-3218.	7.1	202
42	3P282 Engineering of a novel module for high-resolution labeling of the protein components useful for electron and fluorescent microscopy(Bioimaging. The genesis of life, and biological) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 506 537 Td (ev	0.1	0
43	SCRAPPER-Dependent Ubiquitination of Active Zone Protein RIM1 Regulates Synaptic Vesicle Release. Cell, 2007, 130, 943-957.	28.9	191
44	Constitutive activation of neuronal Src causes aberrant dendritic morphogenesis in mouse cerebellar Purkinje cells. Neuroscience Research, 2007, 57, 210-219.	1.9	16
45	Three-dimensional reconstruction of the membrane skeleton at the plasma membrane interface by electron tomography. Journal of Cell Biology, 2006, 174, 851-862.	5.2	343
46	Phosphorylation by Rho Kinase Regulates CRMP-2 Activity in Growth Cones. Molecular and Cellular Biology, 2005, 25, 9973-9984.	2.3	234
47	Akt/PKB Regulates Actin Organization and Cell Motility via Girdin/APE. Developmental Cell, 2005, 9, 389-402.	7.0	381
48	Interaction of Rho-kinase with myosin II at stress fibres. Genes To Cells, 2004, 9, 653-660.	1.2	35
49	Paradigm Shift of the Molecular Dynamics Concept in the Cell Membrane: High-Speed Single-Molecule Tracking Revealed the Partitioning of the Cell Membrane. , 0, , 545-574.		7