

# Naoshi Dohmae

## List of Publications by Year in descending order

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318  
papers

23,592  
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12346

69  
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10690

140  
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351  
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351  
docs citations

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times ranked

33348  
citing authors

#	ARTICLE	IF	CITATIONS
1	Methyl vinyl ketone and its analogs covalently modify PI3K and alter physiological functions by inhibiting PI3K signaling. <i>Journal of Biological Chemistry</i> , 2024, 300, 105679.	3.5	0
2	Rationalizing the Influence of the Binding Affinity on the Activity of Phosphoserine Phosphatases. <i>Angewandte Chemie - International Edition</i> , 2024, 63, .	14.8	0
3	Rationalizing the Influence of the Binding Affinity on the Activity of Phosphoserine Phosphatases. <i>Angewandte Chemie</i> , 2024, 136, .	2.1	0
4	The structure of PSI-LHCI from <i>Cyanidium caldarium</i> provides evolutionary insights into conservation and diversity of red-lineage LHCs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2024, 121, .	7.6	4
5	Remodeling of the postsynaptic proteome in male mice and marmosets during synapse development. <i>Nature Communications</i> , 2024, 15, .	13.2	2
6	Structural basis for antiepileptic drugs and botulinum neurotoxin recognition of SV2A. <i>Nature Communications</i> , 2024, 15, .	13.2	2
7	Cryo-EM structure of the transposon-associated TnpB enzyme. <i>Nature</i> , 2023, 616, 390-397.	36.2	38
8	Structure of a monomeric photosystem I core associated with iron-stress-induced-A proteins from <i>Anabaena</i> sp. PCC 7120. <i>Nature Communications</i> , 2023, 14, .	13.2	12
9	STING signalling is terminated through ESCRT-dependent microautophagy of vesicles originating from recycling endosomes. <i>Nature Cell Biology</i> , 2023, 25, 453-466.	10.0	63
10	Targeting transglutaminase 2 mediated exostosin glycosyltransferase 1 signaling in liver cancer stem cells with acyclic retinoid. <i>Cell Death and Disease</i> , 2023, 14, .	6.4	3
11	Epigenetic mechanisms to propagate histone acetylation by p300/CBP. <i>Nature Communications</i> , 2023, 14, .	13.2	13
12	A small molecule iCDM-34 identified by in silico screening suppresses HBV DNA through activation of aryl hydrocarbon receptor. <i>Cell Death Discovery</i> , 2023, 9, .	4.8	0
13	Chemoproteomics profiling of surfactin-producing nonribosomal peptide synthetases in living bacterial cells. <i>Cell Chemical Biology</i> , 2022, 29, 145-156.e8.	5.2	15
14	Splicing modulators elicit global translational repression by condensate-prone proteins translated from introns. <i>Cell Chemical Biology</i> , 2022, 29, 259-275.e10.	5.2	10
15	Excitation-energy transfer in heterocysts isolated from the cyanobacterium <i>Anabaena</i> sp. PCC 7120 as studied by time-resolved fluorescence spectroscopy. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2022, 1863, 148509.	1.6	1
16	Developing crosslinkers specific for epimerization domain in NRPS initiation modules to evaluate mechanism. <i>RSC Chemical Biology</i> , 2022, 3, 312-319.	4.2	4
17	Structure of a tetrameric photosystem I from a glaucophyte alga <i>Cyanophora paradoxa</i> . <i>Nature Communications</i> , 2022, 13, 1679.	13.2	14
18	Structural basis for different types of hetero-tetrameric light-harvesting complexes in a diatom PSII-FCPII supercomplex. <i>Nature Communications</i> , 2022, 13, 1764.	13.2	25

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19	Identification of distinct N-glycosylation patterns on extracellular vesicles from small-cell and non-small-cell lung cancer cells. <i>Journal of Biological Chemistry</i> , 2022, 298, 101950.	3.5	18
20	Structural basis for the absence of low-energy chlorophylls in a photosystem I trimer from <i>Gloeobacter violaceus</i> . <i>ELife</i> , 2022, 11, .	5.9	18
21	A novel sterol-binding protein reveals heterogeneous cholesterol distribution in neurite outgrowth and in late endosomes/lysosomes. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, .	5.5	6
22	Comparative proteomic analysis of glomerular proteins in primary and bucillamine-induced membranous nephropathy. <i>Clinical Proteomics</i> , 2022, 19, .	2.2	3
23	Post-translational amino acid conversion in photosystem II as a possible origin of photosynthetic oxygen evolution. <i>Nature Communications</i> , 2022, 13, .	13.2	10
24	Inner membrane YfgP-PpiD heterodimer acts as a functional unit that associates with the SecY/E/G translocon and promotes protein translocation. <i>Journal of Biological Chemistry</i> , 2022, 298, 102572.	3.5	10
25	Molecular organizations and function of iron-stress-induced-A protein family in <i>Anabaena</i> sp. PCC 7120. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2021, 1862, 148327.	1.6	10
26	Analysis of the acrolein-modified sites of apolipoprotein B-100 in LDL. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2021, 1866, 158809.	2.6	8
27	Homeostatic regulation of STING by retrograde membrane traffic to the ER. <i>Nature Communications</i> , 2021, 12, 61.	13.2	89
28	<i>In vivo</i> metal-catalyzed SeCT therapy by a proapoptotic peptide. <i>Chemical Science</i> , 2021, 12, 12266-12273.	7.8	12
29	Enhancement of excitation-energy quenching in fucoxanthin chlorophyll a/c-binding proteins isolated from a diatom <i>Phaeodactylum tricornutum</i> upon excess-light illumination. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2021, 1862, 148350.	1.6	10
30	The methyltransferase METTL9 mediates pervasive 1-methylhistidine modification in mammalian proteomes. <i>Nature Communications</i> , 2021, 12, 891.	13.2	56
31	Regulation of N-glycosylation and secretion of Isthmin-1 by its C-mannosylation. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2021, 1865, 129840.	2.5	13
32	Inhibition of Ganglioside Synthesis Suppressed Liver Cancer Cell Proliferation through Targeting Kinetochore Metaphase Signaling. <i>Metabolites</i> , 2021, 11, 167.	3.0	11
33	Requirement for C-mannosylation to be secreted and activated a disintegrin and metalloproteinase with thrombospondin motifs 4 (ADAMTS4). <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2021, 1865, 129833.	2.5	7
34	Regulation of mammalian 3D genome organization and histone H3K9 dimethylation by H3K9 methyltransferases. <i>Communications Biology</i> , 2021, 4, 571.	4.5	16
35	Involvement of LH3 and GLT25D1 for glucosyl-galactosyl-hydroxylation on non-collagen-like domain of FGL1. <i>Biochemical and Biophysical Research Communications</i> , 2021, 560, 93-98.	2.2	3
36	Comparative study of the microstructure of solid rubber from <i>Ficus carica</i> and <i>Hevea brasiliensis</i> . <i>Polymers for Advanced Technologies</i> , 2021, 32, 4397-4405.	3.2	1

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37	SLC15A4 mediates M1-prone metabolic shifts in macrophages and guards immune cells from metabolic stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.6	34
38	Design, synthesis, and target identification of new hypoxia-inducible factor 1 (HIF-1) inhibitors containing 1-alkyl-1H-pyrazole-3-carboxamide moiety. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 46, 116375.	3.1	8
39	Discovery of a small protein-encoding cis-regulatory overlapping gene of the tumor suppressor gene <i>Scribble</i> in humans. <i>Communications Biology</i> , 2021, 4, 1098.	4.5	4
40	Structural implications for a phycobilisome complex from the thermophilic cyanobacterium <i>Thermosynechococcus vulcanus</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2021, 1862, 148458.	1.6	11
41	Amycolapeptins A and B, Cyclic Nonadepsipeptides Produced by Combined-culture of <i>Amycolatopsis</i> sp. and <i>Tsukamurella pulmonis</i> . <i>Journal of Organic Chemistry</i> , 2021, 86, 1843-1849.	3.3	13
42	Clathrin adapters AP-1 and GGA2 support expression of epidermal growth factor receptor for cell growth. <i>Oncogenesis</i> , 2021, 10, 80.	4.8	9
43	Imaging of IgG4-related fibrosing mediastinitis. <i>Radiologia</i> , 2021, 63, 531-533.	0.6	0
44	Urban geochemistry and human-impacted imprint of dissolved trace and rare earth elements in a high-tech industrial city, Suzhou. <i>Elementa</i> , 2021, 9, .	3.3	11
45	Biogenic Iron Sulfide Nanoparticles to Enable Extracellular Electron Uptake in Sulfate-Reducing Bacteria. <i>Angewandte Chemie</i> , 2020, 132, 6051-6055.	2.1	23
46	Biogenic Iron Sulfide Nanoparticles to Enable Extracellular Electron Uptake in Sulfate-Reducing Bacteria. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5995-5999.	14.8	77
47	Fourier transform infrared and mass spectrometry analyses of a site-directed mutant of D1-Asp170 as a ligand to the water-oxidizing Mn <sub>4</sub> CaO <sub>5</sub> cluster in photosystem II. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2020, 1861, 148086.	1.6	12
48	Structural change and degradation of cytoskeleton due to the acrolein conjugation with vimentin and actin during brain infarction. <i>Cytoskeleton</i> , 2020, 77, 414-421.	2.2	13
49	Glycometabolic Regulation of the Biogenesis of Small Extracellular Vesicles. <i>Cell Reports</i> , 2020, 33, 108261.	6.3	21
50	Ischemic stroke disrupts the endothelial glycocalyx through activation of proHPSE via acrolein exposure. <i>Journal of Biological Chemistry</i> , 2020, 295, 18614-18624.	3.5	16
51	The role of transcriptional repressor activity of LexA in salt-stress responses of the cyanobacterium <i>Synechocystis</i> sp. PCC 6803. <i>Scientific Reports</i> , 2020, 10, 17393.	3.4	11
52	Genetic incorporation of non-canonical amino acid photocrosslinkers in <i>Neisseria meningitidis</i> : New method provides insights into the physiological function of the function-unknown NMB1345 protein. <i>PLoS ONE</i> , 2020, 15, e0237883.	2.5	6
53	Cryo-EM structure of the volume-regulated anion channel LRRC8D isoform identifies features important for substrate permeation. <i>Communications Biology</i> , 2020, 3, 240.	4.5	39
54	Structural basis for assembly and function of a diatom photosystem I-light-harvesting supercomplex. <i>Nature Communications</i> , 2020, 11, 2481.	13.2	64

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55	Structure of a cyanobacterial photosystem I surrounded by octadecameric IsiA antenna proteins. <i>Communications Biology</i> , 2020, 3, 232.	4.5	35
56	The fibrinogen C-terminal domain is seldom C-mannosylated but its C-mannosylation is important for the secretion of microfibril-associated glycoprotein 4. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2020, 1864, 129637.	2.5	13
57	WHSC1 monomethylates histone H1 and induces stem-cell like features in squamous cell carcinoma of the head and neck. <i>Neoplasia</i> , 2020, 22, 283-293.	5.3	10
58	Protein Arginine N-methyltransferases 5 and 7 Promote HIV-1 Production. <i>Viruses</i> , 2020, 12, 355.	3.4	9
59	Unique features of the ketosynthase domain in a nonribosomal peptide synthetase–polyketide synthase hybrid enzyme, tenuazonic acid synthetase 1. <i>Journal of Biological Chemistry</i> , 2020, 295, 11602-11612.	3.5	18
60	Structural basis for the adaptation and function of chlorophyll f in photosystem I. <i>Nature Communications</i> , 2020, 11, 238.	13.2	87
61	Design and Discovery of Covalent $\beta$ -GalCer Derivatives as Potent CD1d Ligands. <i>ACS Chemical Biology</i> , 2020, 15, 353-359.	3.6	12
62	Surfeit 4 Contributes to the Replication of Hepatitis C Virus Using Double-Membrane Vesicles. <i>Journal of Virology</i> , 2020, 94, .	3.5	15
63	Crystal structure of <i>Drosophila</i> Piwi. <i>Nature Communications</i> , 2020, 11, 858.	13.2	50
64	Comparative proteomic analysis of renal proteins from IgA nephropathy model mice and control mice. <i>Clinical and Experimental Nephrology</i> , 2020, 24, 666-679.	1.6	6
65	Overcoming off-targets: assessing Western blot signals for Bcnt/Cfdp1, a tentative component of the chromatin remodeling complex. <i>Bioscience Reports</i> , 2020, 40, .	2.7	2
66	Mechanism of Action of Prethioviridamide, an Anticancer Ribosomally Synthesized and Post-Translationally Modified Peptide with a Polythioamide Structure. <i>ACS Chemical Biology</i> , 2019, 14, 1819-1828.	3.6	23
67	Structural basis for energy harvesting and dissipation in a diatom PSII–FcpII supercomplex. <i>Nature Plants</i> , 2019, 5, 890-901.	9.4	102
68	Identification and characterization of collagen-like glycosylation and hydroxylation of CCN1. <i>Glycobiology</i> , 2019, 29, 696-704.	2.8	5
69	A spatial similarity of stereochemical environments formed by amino acid residues defines a common epitope of two non-homologous proteins. <i>Scientific Reports</i> , 2019, 9, 14818.	3.4	3
70	Isolation, Structure Elucidation, and Conformational Regulation of Myropeptides, Lipopeptides from the Fungus <i>Myrothecium roridum</i> . <i>Organic Letters</i> , 2019, 21, 7524-7528.	4.8	3
71	Generation of the heterogeneity of extracellular vesicles by membrane organization and sorting machineries. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019, 1863, 681-691.	2.5	20
72	C-mannosylation of R-spondin2 activates Wnt/ $\beta$ -catenin signaling and migration activity in human tumor cells. <i>International Journal of Oncology</i> , 2019, 54, 2127-2138.	3.2	8

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73	Inhibition of dendritic spine extension through acrolein conjugation with $\alpha$ -, $\beta$ -tubulin proteins. <i>International Journal of Biochemistry and Cell Biology</i> , 2019, 113, 58-66.	2.9	14
74	Application of high-mannose-type glycan-specific lectin from <i>Oscillatoria Agardhii</i> for affinity isolation of tumor-derived extracellular vesicles. <i>Analytical Biochemistry</i> , 2019, 580, 21-29.	2.5	24
75	Transcription repressor-mediated control of engulfment receptor expression in <i>Drosophila</i> phagocytes. <i>Experimental Cell Research</i> , 2019, 381, 10-17.	2.6	1
76	Magnetic Properties and Structure of Products from 1.4540 Stainless Steel Manufactured by 3D Printing. <i>Physics of Metals and Metallography</i> , 2019, 120, 1270-1275.	1.1	6
77	Three YXXL Sequences of a Bovine Leukemia Virus Transmembrane Protein are Independently Required for Fusion Activity by Controlling Expression on the Cell Membrane. <i>Viruses</i> , 2019, 11, 1140.	3.4	6
78	Biochemical characterization of photosystem I complexes having different subunit compositions of fucoxanthin chlorophyll a/c-binding proteins in the diatom <i>Chaetoceros gracilis</i> . <i>Photosynthesis Research</i> , 2019, 140, 141-149.	2.9	21
79	Triazole Ureas Covalently Bind to Strigolactone Receptor and Antagonize Strigolactone Responses. <i>Molecular Plant</i> , 2019, 12, 44-58.	8.4	44
80	Structure of the UHRF1 Tandem Tudor Domain Bound to a Methylated Non-histone Protein, LIG1, Reveals Rules for Binding and Regulation. <i>Structure</i> , 2019, 27, 485-496.e7.	3.4	43
81	Biological effects of space environmental factors: A possible interaction between space radiation and microgravity. <i>Life Sciences in Space Research</i> , 2019, 20, 113-123.	2.4	52
82	Structural basis for oligomerization of the prokaryotic peptide transporter PepT <sub>So2</sub> . <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2019, 75, 348-358.	0.9	10
83	Regulation of granulocyte colony-stimulating factor receptor-mediated granulocytic differentiation by C-mannosylation. <i>Biochemical and Biophysical Research Communications</i> , 2018, 498, 466-472.	2.2	16
84	A small peptide modulates stomatal control via abscisic acid in long-distance signalling. <i>Nature</i> , 2018, 556, 235-238.	36.2	436
85	Multi-heme cytochromes provide a pathway for survival in energy-limited environments. <i>Science Advances</i> , 2018, 4, eaao5682.	10.9	162
86	Structural basis of protein arginine rhamnosylation by glycosyltransferase EarP. <i>Nature Chemical Biology</i> , 2018, 14, 368-374.	8.0	23
87	Role of METTL20 in regulating $\beta$ -oxidation and heat production in mice under fasting or ketogenic conditions. <i>Scientific Reports</i> , 2018, 8, 1179.	3.4	19
88	Mass spectrometric revival of an l-rhamnose- and d-galactose-specific lectin from a lost strain of <i>Streptomyces</i> . <i>Journal of Biological Chemistry</i> , 2018, 293, 368-378.	3.5	3
89	Lysyl oxidase-like protein secreted from an acidophilic red alga, <i>Cyanidium caldarium</i> . <i>Plant Direct</i> , 2018, 2, e00084.	2.0	2
90	Tri-methylation of ATF7IP by G9a/GLP recruits the chromodomain protein MPP8. <i>Epigenetics and Chromatin</i> , 2018, 11, 56.	3.9	44

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91	A Highly Bioactive Lys-Deficient IFN Leads to a Site-Specific Di-PEGylated IFN with Equivalent Bioactivity to That of Unmodified IFN- $\beta$ . <i>ACS Synthetic Biology</i> , 2018, 7, 2537-2546.	4.0	0
92	Mapping of histone-binding sites in histone replacement-completed spermatozoa. <i>Nature Communications</i> , 2018, 9, 3885.	13.2	57
93	Syntaxin 17 regulates the localization and function of PGAM5 in mitochondrial division and mitophagy. <i>EMBO Journal</i> , 2018, 37, .	8.2	77
94	A viable strategy for screening the effects of glycan heterogeneity on target organ adhesion and biodistribution in live mice. <i>Chemical Communications</i> , 2018, 54, 8693-8696.	4.2	27
95	Reply to Yoshida: Liver cancer stem cells: Identification and lipid metabolic reprogramming. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E6390-E6391.	7.6	7
96	MAP1B $\beta$ -LC1 prevents autophagosome formation by linking syntaxin 17 to microtubules. <i>EMBO Reports</i> , 2018, 19, .	5.1	16
97	Stimulation of the ATPase activity of Hsp90 by zerumbone modification of its cysteine residues destabilizes its clients and causes cytotoxicity. <i>Biochemical Journal</i> , 2018, 475, 2559-2576.	3.8	9
98	Anodic and Cathodic Extracellular Electron Transfer by the Filamentous Bacterium <i>Ardenticatena maritima</i> 110S. <i>Frontiers in Microbiology</i> , 2018, 9, 68.	3.6	37
99	Cryo-EM structures of the human volume-regulated anion channel LRRC8. <i>Nature Structural and Molecular Biology</i> , 2018, 25, 797-804.	8.1	106
100	Novel function of HATs and HDACs in homologous recombination through acetylation of human RAD52 at double-strand break sites. <i>PLoS Genetics</i> , 2018, 14, e1007277.	3.4	26
101	WHSC1L1-mediated EGFR mono-methylation enhances the cytoplasmic and nuclear oncogenic activity of EGFR in head and neck cancer. <i>Scientific Reports</i> , 2017, 7, 40664.	3.4	40
102	Activation of MMP-9 activity by acrolein in saliva from patients with primary Sjögren's syndrome and its mechanism. <i>International Journal of Biochemistry and Cell Biology</i> , 2017, 88, 84-91.	2.9	20
103	Electrostatic interaction of positive charges on the surface of Psb31 with photosystem II in the diatom <i>Chaetoceros gracilis</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2017, 1858, 779-785.	1.6	7
104	Protein lysine methyltransferase <i>SMYD3</i> is involved in tumorigenesis through regulation of <i>HER2</i> homodimerization. <i>Cancer Medicine</i> , 2017, 6, 1665-1672.	2.9	26
105	Global mapping of post-translational modifications on histone H3 variants in mouse testes. <i>Biochemistry and Biophysics Reports</i> , 2017, 11, 1-8.	1.3	5
106	Regulation of secretion and enzymatic activity of lipoprotein lipase by C-mannosylation. <i>Biochemical and Biophysical Research Communications</i> , 2017, 486, 558-563.	2.2	32
107	The TPR domain of BepA is required for productive interaction with substrate proteins and the $\beta$ -barrel assembly machinery complex. <i>Molecular Microbiology</i> , 2017, 106, 760-776.	2.5	28
108	Structural insights into the competitive inhibition of the ATP-gated P2X receptor channel. <i>Nature Communications</i> , 2017, 8, 876.	13.2	85

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109	Histone H3 Methylated at Arginine 17 Is Essential for Reprogramming the Paternal Genome in Zygotes. <i>Cell Reports</i> , 2017, 20, 2756-2765.	6.3	38
110	A Chemoproteomics Approach to Investigate Phosphopantetheine Transferase Activity at the Cellular Level. <i>ChemBioChem</i> , 2017, 18, 1855-1862.	2.8	3
111	ATP-dependent modulation of MgtE in Mg <sup>2+</sup> homeostasis. <i>Nature Communications</i> , 2017, 8, 148.	13.2	58
112	Dpy-19 like 3-mediated C-mannosylation and expression levels of RPE-spondin in human tumor cell lines. <i>Oncology Letters</i> , 2017, 14, 2537-2544.	1.8	23
113	Methylation of DNA Ligase 1 by G9a/GLP Recruits UHRF1 to Replicating DNA and Regulates DNA Methylation. <i>Molecular Cell</i> , 2017, 67, 550-565.e5.	9.6	157
114	In Situ Ligation of High- and Low-Affinity Ligands to Cell Surface Receptors Enables Highly Selective Recognition. <i>Advanced Science</i> , 2017, 4, 1700147.	12.4	9
115	Structural basis for xenobiotic extrusion by eukaryotic MATE transporter. <i>Nature Communications</i> , 2017, 8, 1633.	13.2	74
116	New functionalized amino derivatives of 2-hydroxyphenyl-1,3,5-triazines. <i>Russian Journal of Organic Chemistry</i> , 2017, 53, 1573-1577.	0.8	2
117	Effects of SMYD2-mediated EML4-ALK methylation on the signaling pathway and growth in non-small cell lung cancer cells. <i>Cancer Science</i> , 2017, 108, 1203-1209.	4.0	39
118	A novel sphingomyelin/cholesterol domain-specific probe reveals the dynamics of the membrane domains during virus release and in Niemann-Pick type C. <i>FASEB Journal</i> , 2017, 31, 1301-1322.	0.5	38
119	Lipid moieties on lipoproteins of commensal and non-commensal staphylococci induce differential immune responses. <i>Nature Communications</i> , 2017, 8, 2246.	13.2	58
120	Asymmetry in the function and dynamics of the cytosolic group II chaperonin CCT/TRiC. <i>PLoS ONE</i> , 2017, 12, e0176054.	2.5	13
121	Critical roles of SMYD2-mediated $\beta$ -catenin methylation for nuclear translocation and activation of Wnt signaling. <i>Oncotarget</i> , 2017, 8, 55837-55847.	2.1	37
122	Proteomic characterization of histone variants in the mouse testis by mass spectrometry-based top-down analysis. <i>BioScience Trends</i> , 2016, 10, 357-364.	3.4	13
123	A game of hide and seek between avirulence genes <i>AvrLm4</i> and <i>AvrLm3</i> in <i>Leptosphaeria maculans</i> . <i>New Phytologist</i> , 2016, 209, 1613-1624.	7.8	137
124	A Novel SRP Recognition Sequence in the Homeostatic Control Region of Heat Shock Transcription Factor $\beta$ 32. <i>Scientific Reports</i> , 2016, 6, 24147.	3.4	32
125	Molecular Mechanism of HIV-1 Vpr for Binding to Importin- $\beta$ . <i>Journal of Molecular Biology</i> , 2016, 428, 2744-2757.	4.3	24
126	Activation mechanism of endothelin ETB receptor by endothelin-1. <i>Nature</i> , 2016, 537, 363-368.	36.2	158



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127	Characterization of post-translational modifications on lysine 9 of histone H3 variants in mouse testis using matrix-assisted laser desorption/ionization in-source decay. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 2529-2536.	1.5	4
128	Decrease in acrolein toxicity based on the decline of polyamine oxidases. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 79, 151-157.	2.9	12
129	A chemical proteomic probe for detecting native carrier protein motifs in nonribosomal peptide synthetases. <i>Chemical Communications</i> , 2016, 52, 14129-14132.	4.2	8
130	Novel O-GlcNAcylation on Ser40 of canonical H2A isoforms specific to viviparity. <i>Scientific Reports</i> , 2016, 6, 31785.	3.4	33
131	Structural basis for amino acid export by DMT superfamily transporter YddG. <i>Nature</i> , 2016, 534, 417-420.	36.2	63
132	Structural Insights into Divalent Cation Modulations of ATP-Gated P2X Receptor Channels. <i>Cell Reports</i> , 2016, 14, 932-944.	6.3	67
133	Identification of DPY19L3 as the $\alpha$ -mannosyltransferase of R-spondin1 in human cells. <i>Molecular Biology of the Cell</i> , 2016, 27, 744-756.	2.5	48
134	Non-lysosomal Degradation of Singly Phosphorylated Oligosaccharides Initiated by the Action of a Cytosolic Endo- $\beta$ -N-acetylglucosaminidase. <i>Journal of Biological Chemistry</i> , 2016, 291, 8048-8058.	3.5	15
135	Prolactin Regulatory Element Binding Protein Is Involved in Hepatitis C Virus Replication by Interaction with NS4B. <i>Journal of Virology</i> , 2016, 90, 3093-3111.	3.5	21
136	<i>Neisseria meningitidis</i> Translation Elongation Factor P and Its Active-Site Arginine Residue Are Essential for Cell Viability. <i>PLoS ONE</i> , 2016, 11, e0147907.	2.5	43
137	SMYD3-mediated lysine methylation in the PH domain is critical for activation of AKT1. <i>Oncotarget</i> , 2016, 7, 75023-75037.	2.1	39
138	Automethylation of SUV39H2, an oncogenic histone lysine methyltransferase, regulates its binding affinity to substrate proteins. <i>Oncotarget</i> , 2016, 7, 22846-22856.	2.1	21
139	Mammalian Bcnt/Cfdp1, a potential epigenetic factor characterized by an acidic stretch in the disordered N-terminal and Ser250 phosphorylation in the conserved C-terminal regions. <i>Bioscience Reports</i> , 2015, 35, .	2.7	10
140	A Multiple-Labeling Strategy for Nonribosomal Peptide Synthetases Using Active-Site-Directed Proteomic Probes for Adenylation Domains. <i>ChemBioChem</i> , 2015, 16, 2590-2594.	2.8	6
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