

Minoru Yoshida

List of Publications by Year in descending order

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405
papers

32,395
citations

5896

81
h-index

4991

167
g-index

438
all docs

438
docs citations

438
times ranked

33664
citing authors

#	ARTICLE	IF	CITATIONS
1	HDAC6 is a microtubule-associated deacetylase. <i>Nature</i> , 2002, 417, 455-458.	27.8	2,301
2	CRM1 Is an Export Receptor for Leucine-Rich Nuclear Export Signals. <i>Cell</i> , 1997, 90, 1051-1060.	28.9	1,920
3	Erasers of Histone Acetylation: The Histone Deacetylase Enzymes. <i>Cold Spring Harbor Perspectives in Biology</i> , 2014, 6, a018713-a018713.	5.5	1,346
4	CRM1 is responsible for intracellular transport mediated by the nuclear export signal. <i>Nature</i> , 1997, 390, 308-311.	27.8	1,142
5	HDAC6 Regulates Hsp90 Acetylation and Chaperone-Dependent Activation of Glucocorticoid Receptor. <i>Molecular Cell</i> , 2005, 18, 601-607.	9.7	1,007
6	Leptomycin B inactivates CRM1/exportin 1 by covalent modification at a cysteine residue in the central conserved region. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 9112-9117.	7.1	953
7	RNA-Methylation-Dependent RNA Processing Controls the Speed of the Circadian Clock. <i>Cell</i> , 2013, 155, 793-806.	28.9	775
8	Leptomycin B Inhibition of Signal-Mediated Nuclear Export by Direct Binding to CRM1. <i>Experimental Cell Research</i> , 1998, 242, 540-547.	2.6	758
9	Trichostatin A and trapoxin: Novel chemical probes for the role of histone acetylation in chromatin structure and function. <i>BioEssays</i> , 1995, 17, 423-430.	2.5	711
10	In vivo destabilization of dynamic microtubules by HDAC6-mediated deacetylation. <i>EMBO Journal</i> , 2002, 21, 6820-6831.	7.8	620
11	FK228 (depsipeptide) as a natural prodrug that inhibits class I histone deacetylases. <i>Cancer Research</i> , 2002, 62, 4916-21.	0.9	572
12	Spliceostatin A targets SF3b and inhibits both splicing and nuclear retention of pre-mRNA. <i>Nature Chemical Biology</i> , 2007, 3, 576-583.	8.0	563
13	ORFeome cloning and global analysis of protein localization in the fission yeast <i>Schizosaccharomyces pombe</i> . <i>Nature Biotechnology</i> , 2006, 24, 841-847.	17.5	508
14	FR901228, a Potent Antitumor Antibiotic, Is a Novel Histone Deacetylase Inhibitor. <i>Experimental Cell Research</i> , 1998, 241, 126-133.	2.6	465
15	Drug Screening for ALS Using Patient-Specific Induced Pluripotent Stem Cells. <i>Science Translational Medicine</i> , 2012, 4, 145ra104.	12.4	465
16	Cytoplasmic ubiquitin ligase KPC regulates proteolysis of p27Kip1 at G1 phase. <i>Nature Cell Biology</i> , 2004, 6, 1229-1235.	10.3	379
17	A nuclear export signal in the N-terminal regulatory domain of I κ B controls cytoplasmic localization of inactive NF- κ B/I κ B complexes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 1014-1019.	7.1	349
18	E3 ubiquitin ligase that recognizes sugar chains. <i>Nature</i> , 2002, 418, 438-442.	27.8	341

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19	Rolling Circle Translation of Circular RNA in Living Human Cells. <i>Scientific Reports</i> , 2015, 5, 16435.	3.3	332
20	Bone Morphogenetic Protein-2 Stimulates Runx2 Acetylation. <i>Journal of Biological Chemistry</i> , 2006, 281, 16502-16511.	3.4	303
21	Runx2 (Cbfa1, AML-3) Interacts with Histone Deacetylase 6 and Represses the p21 CIP1/WAF1 Promoter. <i>Molecular and Cellular Biology</i> , 2002, 22, 7982-7992.	2.3	302
22	Ginkgolic Acid Inhibits Protein SUMOylation by Blocking Formation of the E1-SUMO Intermediate. <i>Chemistry and Biology</i> , 2009, 16, 133-140.	6.0	273
23	The Cytoplasmic Shuttling and Subsequent Degradation of p27Kip1 Mediated by Jab1/CSN5 and the COP9 Signalosome Complex. <i>Journal of Biological Chemistry</i> , 2002, 277, 2302-2310.	3.4	257
24	A molecular barcoded yeast ORF library enables mode-of-action analysis of bioactive compounds. <i>Nature Biotechnology</i> , 2009, 27, 369-377.	17.5	254
25	Phosphorylation of p27 on Serine 10 Is Required for Its Binding to CRM1 and Nuclear Export. <i>Journal of Biological Chemistry</i> , 2002, 277, 14355-14358.	3.4	232
26	Oxamflatin is a novel antitumor compound that inhibits mammalian histone deacetylase. <i>Oncogene</i> , 1999, 18, 2461-2470.	5.9	230
27	Significance of HDAC6 regulation via estrogen signaling for cell motility and prognosis in estrogen receptor-positive breast cancer. <i>Oncogene</i> , 2005, 24, 4531-4539.	5.9	228
28	Total Synthesis of (+)-Chaetocin and its Analogues: Their Histone Methyltransferase G9a Inhibitory Activity. <i>Journal of the American Chemical Society</i> , 2010, 132, 4078-4079.	13.7	216
29	Maintenance of G2 arrest in the <i>Xenopus</i> oocyte: a role for 14-3-3-mediated inhibition of Cdc25 nuclear import. <i>EMBO Journal</i> , 1999, 18, 2174-2183.	7.8	210
30	Histone deacetylase as a new target for cancer chemotherapy. <i>Cancer Chemotherapy and Pharmacology</i> , 2001, 48, S20-S26.	2.3	210
31	Active maintenance of mHDA2/mHDAC6 histone-deacetylase in the cytoplasm. <i>Current Biology</i> , 2000, 10, 747-749.	3.9	201
32	Heme regulates gene expression by triggering Crm1-dependent nuclear export of Bach1. <i>EMBO Journal</i> , 2004, 23, 2544-2553.	7.8	193
33	A histone deacetylase inhibitor, trichostatin A, suppresses myofibroblastic differentiation of rat hepatic stellate cells in primary culture. <i>Hepatology</i> , 1999, 29, 858-867.	7.3	192
34	Reversible arrest of proliferation of rat 3Y1 fibroblasts in both the G1 and G2 phases by trichostatin A. <i>Experimental Cell Research</i> , 1988, 177, 122-131.	2.6	191
35	Trichostatin A Induces Morphological Changes and Gelsolin Expression by Inhibiting Histone Deacetylase in Human Carcinoma Cell Lines. <i>Experimental Cell Research</i> , 1994, 214, 189-197.	2.6	191
36	MALAT1 long non-coding RNA in cancer. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2016, 1859, 192-199.	1.9	190

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37	Molecular Cloning and Cell Cycle-dependent Expression of Mammalian CRM1, a Protein Involved in Nuclear Export of Proteins. <i>Journal of Biological Chemistry</i> , 1997, 272, 29742-29751.	3.4	188
38	Proteasomes Activate Aggresome Disassembly and Clearance by Producing Unanchored Ubiquitin Chains. <i>Molecular Cell</i> , 2013, 51, 819-828.	9.7	163
39	Kinetic and Structural Basis for Acyl-Group Selectivity and NAD ⁺ Dependence in Sirtuin-Catalyzed Deacetylation. <i>Biochemistry</i> , 2015, 54, 3037-3050.	2.5	150
40	Direct Demonstration of Rapid Degradation of Nuclear Sterol Regulatory Element-binding Proteins by the Ubiquitin-Proteasome Pathway. <i>Journal of Biological Chemistry</i> , 2001, 276, 36431-36437.	3.4	146
41	Negative regulation of Gli1 and Gli2 activator function by Suppressor of fused through multiple mechanisms. <i>Differentiation</i> , 2005, 73, 397-405.	1.9	136
42	Identification of SAP155 as the Target of GEX1A (Herboxidiene), an Antitumor Natural Product. <i>ACS Chemical Biology</i> , 2011, 6, 229-233.	3.4	135
43	Competition between a noncoding exon and introns: Gomafu contains tandem UACUAAC repeats and associates with splicing factor-1. <i>Genes To Cells</i> , 2011, 16, 479-490.	1.2	134
44	Induction of $\hat{\beta}$ -Globin by Histone Deacetylase Inhibitors. <i>Blood</i> , 1997, 90, 2075-2083.	1.4	132
45	Real-time imaging of histone H4 hyperacetylation in living cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 16257-16262.	7.1	130
46	Uncoupled cell cycle without mitosis induced by a protein kinase inhibitor, K-252a.. <i>Journal of Cell Biology</i> , 1991, 115, 1275-1282.	5.2	129
47	HDAC6 a new cellular stress surveillance factor. <i>Cell Cycle</i> , 2008, 7, 7-10.	2.6	129
48	Effects of leptomycin B on the cell cycle of fibroblasts and fission yeast cells. <i>Experimental Cell Research</i> , 1990, 187, 150-156.	2.6	125
49	Highly synchronous culture of fibroblasts from G2 block caused by staurosporine, a potent inhibitor of protein kinases. <i>Experimental Cell Research</i> , 1991, 192, 122-127.	2.6	124
50	A Novel Nuclear Export Signal Sensitive to Oxidative Stress in the Fission Yeast Transcription Factor Pap1. <i>Journal of Biological Chemistry</i> , 1999, 274, 15151-15158.	3.4	122
51	PP1 control of M phase entry exerted through 14-3-3-regulated Cdc25 dephosphorylation. <i>EMBO Journal</i> , 2003, 22, 5734-5745.	7.8	121
52	From Discovery to the Coming Generation of Histone Deacetylase Inhibitors. <i>Current Medicinal Chemistry</i> , 2003, 10, 2351-2358.	2.4	121
53	Subtype Selective Substrates for Histone Deacetylases. <i>Journal of Medicinal Chemistry</i> , 2004, 47, 5235-5243.	6.4	121
54	pDUAL, a multipurpose, multicopy vector capable of chromosomal integration in fission yeast. <i>Yeast</i> , 2004, 21, 1289-1305.	1.7	119

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55	Genome-wide Survey of Ribosome Collision. <i>Cell Reports</i> , 2020, 31, 107610.	6.4	119
56	Reactive oxygen species regulate DNA copy number in isolated yeast mitochondria by triggering recombination-mediated replication. <i>Nucleic Acids Research</i> , 2009, 37, 749-761.	14.5	118
57	Trichostatin A, a Histone Deacetylase Inhibitor, Suppresses Collagen Synthesis and Prevents TGF- β 1-Induced Fibrogenesis in Skin Fibroblasts. <i>Experimental Cell Research</i> , 2002, 278, 184-197.	2.6	116
58	Radicicol, a Protein Tyrosine Kinase Inhibitor, Suppresses the Expression of Mitogen-inducible Cyclooxygenase in Macrophages Stimulated with Lipopolysaccharide and in Experimental Glomerulonephritis. <i>Journal of Biological Chemistry</i> , 1995, 270, 5418-5426.	3.4	115
59	Global Analysis of Gel Mobility of Proteins and Its Use in Target Identification. <i>Journal of Biological Chemistry</i> , 2008, 283, 10745-10752.	3.4	114
60	Translational Control of Cell Division by Elongator. <i>Cell Reports</i> , 2012, 1, 424-433.	6.4	112
61	Marine antifungal theonellamides target 3 β -hydroxysterol to activate Rho1 signaling. <i>Nature Chemical Biology</i> , 2010, 6, 519-526.	8.0	111
62	Biocompatibility and therapeutic potential of glycosylated albumin artificial metalloenzymes. <i>Nature Catalysis</i> , 2019, 2, 780-792.	34.4	110
63	Changes in the Acetylome and Succinylome of <i>Bacillus subtilis</i> in Response to Carbon Source. <i>PLoS ONE</i> , 2015, 10, e0131169.	2.5	110
64	Trichostatin and Leptomycin: Inhibition of Histone Deacetylation and Signal-Dependent Nuclear Export. <i>Annals of the New York Academy of Sciences</i> , 1999, 886, 23-35.	3.8	109
65	Highly Potent and Selective Histone Deacetylase 6 Inhibitors Designed Based on a Small-Molecular Substrate. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 4809-4812.	6.4	109
66	A Proteome-wide Fission Yeast Interactome Reveals Network Evolution Principles from Yeasts to Human. <i>Cell</i> , 2016, 164, 310-323.	28.9	106
67	Real-time imaging of cotranscriptional splicing reveals a kinetic model that reduces noise: implications for alternative splicing regulation. <i>Journal of Cell Biology</i> , 2011, 193, 819-829.	5.2	104
68	Different Targets for the Fragile X-Related Proteins Revealed by Their Distinct Nuclear Localizations. <i>Human Molecular Genetics</i> , 1999, 8, 863-869.	2.9	103
69	Histone Deacetylase Inhibitor Reduces Monocyte Adhesion to Endothelium Through the Suppression of Vascular Cell Adhesion Molecule-1 Expression. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, 2652-2659.	2.4	103
70	Leptomycin B, an Inhibitor of the Nuclear Export Receptor CRM1, Inhibits COX-2 Expression. <i>Journal of Biological Chemistry</i> , 2003, 278, 2773-2776.	3.4	102
71	Clitoxin Analogues from a Marine-Derived Fungus, <i>Penicillium</i> sp., and Their Cytotoxic and Histone Methyltransferase Inhibitory Activities. <i>Journal of Natural Products</i> , 2012, 75, 111-114.	3.0	102
72	Structural specificity for biological activity of trichostatin a, a specific inhibitor of mammalian cell cycle with potent differentiation-inducing activity in friend leukemia cells.. <i>Journal of Antibiotics</i> , 1990, 43, 1101-1106.	2.0	101

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73	Real-Time Imaging of Histone H4K12-Specific Acetylation Determines the Modes of Action of Histone Deacetylase and Bromodomain Inhibitors. <i>Chemistry and Biology</i> , 2011, 18, 495-507.	6.0	99
74	Design, Synthesis, Structure-Selectivity Relationship, and Effect on Human Cancer Cells of a Novel Series of Histone Deacetylase 6-Selective Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 5425-5438.	6.4	98
75	Enhanced HSP70-Lysine methylation promotes proliferation of cancer cells through activation of Aurora kinase B. <i>Nature Communications</i> , 2012, 3, 1072.	12.8	96
76	A Role for PP1 in the Cdc2/Cyclin B-mediated Positive Feedback Activation of Cdc25. <i>Molecular Biology of the Cell</i> , 2006, 17, 1779-1789.	2.1	94
77	Proteomic analysis of organ-specific post-translational lysine-acetylation and -methylation in mice by use of anti-acetyllysine and -methyllysine mouse monoclonal antibodies. <i>Proteomics</i> , 2005, 5, 4653-4664.	2.2	92
78	Oxidative Stress Abolishes Leptomycin B-sensitive Nuclear Export of Transcription Repressor Bach2 That Counteracts Activation of Maf Recognition Element. <i>Journal of Biological Chemistry</i> , 2000, 275, 15370-15376.	3.4	91
79	Nucleo-Cytoplasmic Transport of Proteins as a Target for Therapeutic Drugs. <i>Current Medicinal Chemistry</i> , 2003, 10, 741-748.	2.4	91
80	The First Biologically Active Synthetic Analogues of FK228, the Depsipeptide Histone Deacetylase Inhibitor. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 5720-5726.	6.4	89
81	The SF3B1 inhibitor spliceostatin A (SSA) elicits apoptosis in chronic lymphocytic leukaemia cells through downregulation of Mcl-1. <i>Leukemia</i> , 2016, 30, 351-360.	7.2	88
82	Bach1 inhibits oxidative stress-induced cellular senescence by impeding p53 function on chromatin. <i>Nature Structural and Molecular Biology</i> , 2008, 15, 1246-1254.	8.2	86
83	Interaction of the Hepatitis B Virus X Protein with the Crm1-dependent Nuclear Export Pathway. <i>Journal of Biological Chemistry</i> , 2001, 276, 22797-22803.	3.4	85
84	A leptomycin B resistance gene of <i>Schizosaccharomyces pombe</i> encodes a protein similar to the mammalian P-glycoproteins. <i>Molecular Microbiology</i> , 1992, 6, 761-769.	2.5	80
85	Chromosomal Region Maintenance 1 (CRM1)-dependent Nuclear Export of Smad Ubiquitin Regulatory Factor 1 (Smurf1) Is Essential for Negative Regulation of Transforming Growth Factor- β Signaling by Smad7. <i>Journal of Biological Chemistry</i> , 2003, 278, 10716-10721.	3.4	80
86	HIV-1 Tat targets Tip60 to impair the apoptotic cell response to genotoxic stresses. <i>EMBO Journal</i> , 2005, 24, 2634-2645.	7.8	80
87	Spectomycin B1 as a Novel SUMOylation Inhibitor That Directly Binds to SUMO E2. <i>ACS Chemical Biology</i> , 2013, 8, 2635-2642.	3.4	80
88	Spliceosome assembly is coupled to RNA polymerase II dynamics at the 3' end of human genes. <i>Nature Structural and Molecular Biology</i> , 2011, 18, 1115-1123.	8.2	76
89	The Distinct Roles of Class I and II RPD3-Like Histone Deacetylases in Salinity Stress Response. <i>Plant Physiology</i> , 2017, 175, 1760-1773.	4.8	76
90	Functional annotation of chemical libraries across diverse biological processes. <i>Nature Chemical Biology</i> , 2017, 13, 982-993.	8.0	76

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91	13-Deoxytedanolide, a marine sponge-derived antitumor macrolide, binds to the 60S large ribosomal subunit. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 449-454.	3.0	75
92	Effect of <i>Porphyromonas gingivalis</i> outer membrane vesicles on gingipain-mediated detachment of cultured oral epithelial cells and immune responses. <i>Microbes and Infection</i> , 2014, 16, 6-16.	1.9	73
93	Nuclear Export of Human β -Catenin Can Occur Independent of CRM1 and the Adenomatous Polyposis Coli Tumor Suppressor. <i>Journal of Biological Chemistry</i> , 2001, 276, 25883-25888.	3.4	70
94	Cyclic Tetrapeptides Bearing a Sulfhydryl Group Potently Inhibit Histone Deacetylases. <i>Organic Letters</i> , 2003, 5, 5079-5082.	4.6	70
95	Isolation of azaspiracid-2 from a marine sponge <i>Echinoclathria</i> sp. as a potent cytotoxin. <i>Toxicon</i> , 2009, 53, 680-684.	1.6	70
96	Radicicol, an Agent Inducing the Reversal of Transformed Phenotypes of src-Transformed Fibroblasts. <i>Bioscience, Biotechnology and Biochemistry</i> , 1992, 56, 538-539.	1.3	68
97	Nucleocytoplasmic Shuttling of the Aryl Hydrocarbon Receptor. <i>Journal of Biochemistry</i> , 2000, 127, 503-509.	1.7	68
98	Stat5B Shuttles Between Cytoplasm and Nucleus in a Cytokine-Dependent and -Independent Manner. <i>Journal of Immunology</i> , 2002, 168, 4567-4575.	0.8	68
99	Characterisation of the in vitro activity of the depsipeptide histone deacetylase inhibitor spiruchostatin A. <i>Biochemical Pharmacology</i> , 2008, 76, 463-475.	4.4	67
100	New Rev-transport inhibitor with anti-HIV activity from <i>Valerianae Radix</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2002, 12, 2807-2810.	2.2	66
101	Chemical and structural biology of protein lysine deacetylases. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2017, 93, 297-321.	3.8	66
102	14-3-3 regulates the nuclear import of class IIa histone deacetylases. <i>Biochemical and Biophysical Research Communications</i> , 2008, 377, 852-856.	2.1	65
103	Regulation of E2A Activities by Histone Acetyltransferases in B Lymphocyte Development. <i>Journal of Biological Chemistry</i> , 2003, 278, 2370-2376.	3.4	64
104	Identification of novel molecular targets regulated by tumor suppressive miR-375 induced by histone acetylation in esophageal squamous cell carcinoma. <i>International Journal of Oncology</i> , 2012, 41, 985-994.	3.3	64
105	GEX1 Compounds, Novel Antitumor Antibiotics Related to Herboxidiene, Produced by <i>Streptomyces</i> sp. II. The Effects on Cell Cycle Progression and Gene Expression.. <i>Journal of Antibiotics</i> , 2002, 55, 863-872.	2.0	63
106	Acetylation regulates subcellular localization of eukaryotic translation initiation factor 5A (eIF5A). <i>FEBS Letters</i> , 2012, 586, 3236-3241.	2.8	62
107	Gene expression within a chromatin domain: the role of core histone hyperacetylation. <i>Biochemistry</i> , 1994, 33, 4197-4206.	2.5	61
108	Total Synthesis of the Bicyclic Depsipeptide HDAC Inhibitors Spiruchostatins A and B, Spiruchostatin B, FK228 (FR901228) and Preliminary Evaluation of Their Biological Activity. <i>Chemistry - A European Journal</i> , 2009, 15, 11174-11186.	3.3	61

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109	Global analysis of pre-mRNA subcellular localization following splicing inhibition by spliceostatin A. <i>Rna</i> , 2017, 23, 47-57.	3.5	61
110	A Role for Hsc70 in Regulating Nucleocytoplasmic Transport of a Temperature-sensitive p53 (p53Val-135). <i>Journal of Biological Chemistry</i> , 2001, 276, 14649-14657.	3.4	60
111	<sc>RK</sc>â€¸287107, a potent and specific tankyrase inhibitor, blocks colorectal cancer cell growth in a preclinical model. <i>Cancer Science</i> , 2018, 109, 4003-4014.	3.9	60
112	Amplification of Recombinant Adenoviral Transgene Products Occurs by Inhibition of Histone Deacetylase. <i>Virology</i> , 1997, 231, 201-209.	2.4	59
113	Novel histone deacetylase inhibitors: cyclic tetrapeptide with trifluoromethyl and pentafluoroethyl ketones. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 5343-5346.	2.2	59
114	Ky-2, a Histone Deacetylase Inhibitor, Enhances High-Salinity Stress Tolerance in <i>Arabidopsis thaliana</i> . <i>Plant and Cell Physiology</i> , 2016, 57, 776-783.	3.1	58
115	Design, synthesis, and evaluation of cyclic amide/imide-bearing hydroxamic acid derivatives as class-selective histone deacetylase (HDAC) inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 7625-7651.	3.0	57
116	Splicing in oncogenesis and tumor suppression. <i>Cancer Science</i> , 2012, 103, 1611-1616.	3.9	57
117	Inhibition of protein synthesis and activation of stress-activated protein kinases by onnamide A and theopederin B, antitumor marine natural products. <i>Cancer Science</i> , 2005, 96, 357-364.	3.9	56
118	A Comparative Genomic Approach for Identifying Synthetic Lethal Interactions in Human Cancer. <i>Cancer Research</i> , 2013, 73, 6128-6136.	0.9	56
119	Characterization of cytopathic factors through genome-wide analysis of the Zika viral proteins in fission yeast. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E376-E385.	7.1	56
120	Î²-Subunit of Nuclear Pore-targeting Complex (Importin-Î²) Can Be Exported from the Nucleus in a Ran-independent Manner. <i>Journal of Biological Chemistry</i> , 1999, 274, 3946-3952.	3.4	54
121	Chlamydocin analogs bearing carbonyl group as possible ligand toward zinc atom in histone deacetylases. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 3438-3446.	3.0	54
122	Radicicol Binds and Inhibits Mammalian ATP Citrate Lyase. <i>Journal of Biological Chemistry</i> , 2000, 275, 39231-39236.	3.4	53
123	Kerriamycin B inhibits protein SUMOylation. <i>Journal of Antibiotics</i> , 2009, 62, 221-224.	2.0	53
124	Neuronal Differentiation of Neuro 2a Cells by Inhibitors of Cell Cycle Progression, Trichostatin A and Butyrolactone I. <i>Biochemical and Biophysical Research Communications</i> , 1999, 256, 372-376.	2.1	52
125	Multiple Histone Deacetylases and the CREB-binding Protein Regulate Pre-mRNA 3'â€¸-End Processing. <i>Journal of Biological Chemistry</i> , 2007, 282, 4470-4478.	3.4	51
126	Spliceostatin A blocks angiogenesis by inhibiting global gene expression including <i>VEGF</i> . <i>Cancer Science</i> , 2010, 101, 2483-2489.	3.9	51

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127	Altered acetylation and succinylation profiles in <i>Corynebacterium glutamicum</i> in response to conditions inducing glutamate overproduction. <i>MicrobiologyOpen</i> , 2016, 5, 152-173.	3.0	50
128	Design and synthesis of phthalimide-type histone deacetylase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 4427-4431.	2.2	49
129	Nucleocytoplasmic transport of fluorescent mRNA in living mammalian cells: nuclear mRNA export is coupled to ongoing gene transcription. <i>Genes To Cells</i> , 2006, 11, 305-317.	1.2	49
130	Design, synthesis, and evaluation of isoindolinone-hydroxamic acid derivatives as histone deacetylase (HDAC) inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 4895-4900.	2.2	49
131	The subcellular localization and activity of cortactin is regulated by acetylation and interaction with Keap1. <i>Science Signaling</i> , 2015, 8, ra120.	3.6	48
132	Repression of PML Nuclear Body-Associated Transcription by Oxidative Stress-Activated Bach2. <i>Molecular and Cellular Biology</i> , 2004, 24, 3473-3484.	2.3	47
133	Live-Cell Studies of p300/CBP Histone Acetyltransferase Activity and Inhibition. <i>ChemBioChem</i> , 2012, 13, 2113-2121.	2.6	47
134	Cross-Species Protein Interactome Mapping Reveals Species-Specific Wiring of Stress Response Pathways. <i>Science Signaling</i> , 2013, 6, ra38.	3.6	47
135	SUMOylation regulates telomere length by targeting the shelterin subunit Tpz1 to modulate shelterin-Stn1 interaction in fission yeast. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 5950-5955.	7.1	47
136	Identification of 1,2,5-Oxadiazoles as a New Class of SENP2 Inhibitors Using Structure Based Virtual Screening. <i>Journal of Chemical Information and Modeling</i> , 2014, 54, 870-880.	5.4	47
137	Identification of Cyproheptadine as an Inhibitor of SET Domain Containing Lysine Methyltransferase 7/9 (Set7/9) That Regulates Estrogen-Dependent Transcription. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 3650-3660.	6.4	47
138	The Histone Deacetylase Inhibitor Suberoylanilide Hydroxamic Acid Alleviates Salinity Stress in Cassava. <i>Frontiers in Plant Science</i> , 2016, 7, 2039.	3.6	47
139	Padanamides A and B, Highly Modified Linear Tetrapeptides Produced in Culture by a <i>Streptomyces</i> sp. Isolated from a Marine Sediment. <i>Organic Letters</i> , 2011, 13, 3936-3939.	4.6	46
140	Structure-activity Relationship for FR901464: A Versatile Method for the Conversion and Preparation of Biologically Active Biotinylated Probes. <i>Bioscience, Biotechnology and Biochemistry</i> , 2004, 68, 2178-2182.	1.3	45
141	Inhibition of histone deacetylase causes reduction of appressorium formation in the rice blast fungus <i>Magnaporthe oryzae</i> . <i>Journal of General and Applied Microbiology</i> , 2009, 55, 489-498.	0.7	45
142	Brain-specific Expression of N-Acetylglucosaminyltransferase IX (GnT-IX) Is Regulated by Epigenetic Histone Modifications. <i>Journal of Biological Chemistry</i> , 2011, 286, 31875-31884.	3.4	45
143	Discovery of Novel Spiroindoline Derivatives as Selective Tankyrase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 3407-3427.	6.4	43
144	Protein acetylation involved in streptomycin biosynthesis in <i>Streptomyces griseus</i> . <i>Journal of Proteomics</i> , 2017, 155, 63-72.	2.4	42

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