

# Minoru Yoshida

## List of Publications by Year in descending order

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Version: 2024-02-01

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	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	9
2	Differential Biosynthesis and Roles of Two Ferrichrome-Type Siderophores, ASP2397/AS2488053 and Ferricrocin, in <i>Acetabularia clausenii</i> . <i>ACS Chemical Biology</i> , 2022, 17, 207-216.	3.4	11
3	Recognition of pathogen-derived sphingolipids in <i>Arabidopsis</i> . <i>Science</i> , 2022, 376, 857-860.	12.6	22
4	Visualization of the dynamic interaction between nucleosomal histone H3K9 tri-methylation and HP1 $\pm$ chromodomain in living cells. <i>Cell Chemical Biology</i> , 2022, 29, 1153-1161.e5.	5.2	5
5	A Novel Class of HIV-1 Inhibitors Targeting the Vpr-Induced G2-Arrest in Macrophages by New Yeast- and Cell-Based High-Throughput Screening. <i>Viruses</i> , 2022, 14, 1321.	3.3	1
6	Targeting fungal membrane homeostasis with imidazopyrazoindoles impairs azole resistance and biofilm formation. <i>Nature Communications</i> , 2022, 13, .	12.8	21
7	Discovery of Benzylpiperazine Derivatives as CNS-Penetrant and Selective Histone Deacetylase 6 Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2022, 13, 1077-1082.	2.8	3
8	Phenylboronic Ester-Activated Aryl Iodide-Selective Buchwald-Hartwig-Type Amination toward Bioactivity Assay. <i>ACS Omega</i> , 2022, 7, 24184-24189.	3.5	1
9	Chemical reversal of abnormalities in cells carrying mitochondrial DNA mutations. <i>Nature Chemical Biology</i> , 2021, 17, 335-343.	8.0	15
10	Mortality associated with new risk classification of developing refeeding syndrome in critically ill patients: A cohort study. <i>Clinical Nutrition</i> , 2021, 40, 1207-1213.	5.0	8
11	Genome-wide screening of genes associated with momilactone B sensitivity in the fission yeast <i>Schizosaccharomyces pombe</i> . <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	1.8	2
12	Targeting Epigenetic and Posttranscriptional Gene Regulation by PSF Impairs Hormone Therapy-Refractory Cancer Growth. <i>Cancer Research</i> , 2021, 81, 3495-3508.	0.9	11
13	The Insulin Receptor: A Potential Target of Amarogentin Isolated from <i>Gentiana rigescens</i> Franch That Induces Neurogenesis in PC12 Cells. <i>Biomedicines</i> , 2021, 9, 581.	3.2	7
14	Improved development of mouse somatic cell nuclear transfer embryos by chlamydocin analogues, class I and IIa histone deacetylase inhibitors. <i>Biology of Reproduction</i> , 2021, 105, 543-553.	2.7	8
15	Improving Measures of Chemical Structural Similarity Using Machine Learning on Chemical-Genetic Interactions. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 4156-4172.	5.4	11
16	Splicing modulators: on the way from nature to clinic. <i>Journal of Antibiotics</i> , 2021, 74, 603-616.	2.0	17
17	Spliceostatin A interaction with SF3B limits U1 snRNP availability and causes premature cleavage and polyadenylation. <i>Cell Chemical Biology</i> , 2021, 28, 1356-1365.e4.	5.2	8
18	Effects on physical performance of high protein intake for critically ill adult patients admitted to the intensive care unit: A retrospective propensity-matched analysis. <i>Nutrition</i> , 2021, 91-92, 111407.	2.4	1

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19	Mechanism-based inhibitors of SIRT2: structure–activity relationship, X-ray structures, target engagement, regulation of $\alpha$ -tubulin acetylation and inhibition of breast cancer cell migration. <i>RSC Chemical Biology</i> , 2021, 2, 612-626.	4.1	23
20	Piperidine-4-carboxamide as a new scaffold for designing secretory glutaminyl cyclase inhibitors. <i>International Journal of Biological Macromolecules</i> , 2021, 170, 415-423.	7.5	13
21	Mammalian chemical genomics towards identifying targets and elucidating modes of action of bioactive compounds. <i>ChemBioChem</i> , 2021, , .	2.6	2
22	A novel GSK3 inhibitor that promotes self-renewal in mouse embryonic stem cells. <i>Bioscience, Biotechnology and Biochemistry</i> , 2020, 84, 2113-2120.	1.3	5
23	Genome-wide Survey of Ribosome Collision. <i>Cell Reports</i> , 2020, 31, 107610.	6.4	119
24	Structure activity study of S-trityl-cysteamine dimethylaminopyridine derivatives as SIRT2 inhibitors: Improvement of SIRT2 binding and inhibition. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127458.	2.2	13
25	Identification of a Selective RelA Inhibitor Based on DSE-FRET Screening Methods. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9150.	4.1	3
26	Rolling-Circle Replication in Mitochondrial DNA Inheritance: Scientific Evidence and Significance from Yeast to Human Cells. <i>Genes</i> , 2020, 11, 514.	2.4	10
27	Serine catabolism produces ROS, sensitizes cells to actin dysfunction, and suppresses cell growth in fission yeast. <i>Journal of Antibiotics</i> , 2020, 73, 574-580.	2.0	6
28	LUBAC accelerates B-cell lymphomagenesis by conferring resistance to genotoxic stress on B cells. <i>Blood</i> , 2020, 136, 684-697.	1.4	32
29	Design and Discovery of an Orally Efficacious Spiroindolinone-Based Tankyrase Inhibitor for the Treatment of Colon Cancer. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 4183-4204.	6.4	25
30	Peanut skin extract ameliorates the symptoms of type 2 diabetes mellitus in mice by alleviating inflammation and maintaining gut microbiota homeostasis. <i>Aging</i> , 2020, 12, 13991-14018.	3.1	22
31	Design, Synthesis and Structure-Activity Relationship Study of Ppyriline Derivatives as Histone Deacetylase Inhibitors. <i>Heterocycles</i> , 2020, 101, 726.	0.7	0
32	Theonellamide A, a marine-sponge-derived bicyclic peptide, binds to cholesterol in aqueous DMSO: Solution NMR-based analysis of peptide-sterol interactions using hydroxylated sterol. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2019, 1861, 228-235.	2.6	10
33	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.	3.4	22
34	Identification of ryuidine as a KDM5A inhibitor. <i>Scientific Reports</i> , 2019, 9, 9952.	3.3	21
35	Cucurbitacin B Exerts Antiaging Effects in Yeast by Regulating Autophagy and Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-15.	4.0	30
36	Biocompatibility and therapeutic potential of glycosylated albumin artificial metalloenzymes. <i>Nature Catalysis</i> , 2019, 2, 780-792.	34.4	110

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37	A unique kinesin-like protein, Klp8, is involved in mitosis and cell morphology through microtubule stabilization. <i>Cytoskeleton</i> , 2019, 76, 355-367.	2.0	2
38	Leptin and Adiponectin Signaling Pathways Are Involved in the Antiobesity Effects of Peanut Skin Extract. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-14.	4.0	18
39	Intraspecies cell-cell communication in yeast. <i>FEMS Yeast Research</i> , 2019, 19, .	2.3	18
40	Winners of the 2018 JA ACEmura Awards for excellence. <i>Journal of Antibiotics</i> , 2019, 72, 783-784.	2.0	0
41	Antiproliferative S-Trityl-L-Cysteine -Derived Compounds as SIRT2 Inhibitors: Repurposing and Solubility Enhancement. <i>Molecules</i> , 2019, 24, 3295.	3.8	19
42	Identification of a chemical modulator of EZH2-mediated silencing by cell-based high-throughput screening assay. <i>Journal of Biochemistry</i> , 2019, 166, 41-50.	1.7	10
43	Integrating yeast chemical genomics and mammalian cell pathway analysis. <i>Acta Pharmacologica Sinica</i> , 2019, 40, 1245-1255.	6.1	2
44	Glutamate Dehydrogenase from <i>Thermus thermophilus</i> Is Activated by AMP and Leucine as a Complex with Catalytically Inactive Adenine Phosphoribosyltransferase Homolog. <i>Journal of Bacteriology</i> , 2019, 201, .	2.2	7
45	Discovery of Novel Spiroindoline Derivatives as Selective Tankyrase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 3407-3427.	6.4	43
46	Synthesis of All Stereoisomers of Monomeric Spectomycin A1/A2 and Evaluation of Their Protein SUMOylation-Inhibitory Activity. <i>Chemistry - A European Journal</i> , 2019, 25, 8387-8392.	3.3	5
47	New SIRT2 inhibitors: Histidine-based bleomycin spin-off. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 1767-1775.	3.0	18
48	Protein acetylation on 2-isopropylmalate synthase from <i>Thermus thermophilus</i> HB27. <i>Extremophiles</i> , 2019, 23, 377-388.	2.3	5
49	Prevention of mitochondrial genomic instability in yeast by the mitochondrial recombinase Mhr1. <i>Scientific Reports</i> , 2019, 9, 5433.	3.3	16
50	Screening and identification of a non-peptide antagonist for the peptide hormone receptor in <i>Arabidopsis</i> . <i>Communications Biology</i> , 2019, 2, 61.	4.4	6
51	Using BEAN-counter to quantify genetic interactions from multiplexed barcode sequencing experiments. <i>Nature Protocols</i> , 2019, 14, 415-440.	12.0	16
52	Recent advances in target identification of bioactive natural products. <i>Bioscience, Biotechnology and Biochemistry</i> , 2019, 83, 1-9.	1.3	20
53	Cascade Reaction in Human Live Tissue Allows Clinically Applicable Diagnosis of Breast Cancer Morphology. <i>Advanced Science</i> , 2019, 6, 1801479.	11.2	26
54	Dynamic changes in lysine acetylation and succinylation of the elongation factor Tu in <i>Bacillus subtilis</i> . <i>Microbiology (United Kingdom)</i> , 2019, 165, 65-77.	1.8	14

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55	Transcriptomic analysis of <i>Arabidopsis thaliana</i> plants treated with the Ky-9 and Ky-72 histone deacetylase inhibitors. <i>Plant Signaling and Behavior</i> , 2018, 13, e1448333.	2.4	19
56	Y-box protein-associated acidic protein (YBAP1/C1QBP) affects the localization and cytoplasmic functions of YB-1. <i>Scientific Reports</i> , 2018, 8, 6198.	3.3	15
57	Proteome and acylome analyses of the functional interaction network between the carbazole-degradative plasmid pCAR1 and host <i>Pseudomonas putida</i> KT2440. <i>Environmental Microbiology Reports</i> , 2018, 10, 299-309.	2.4	8
58	MOSAIC: a chemical-genetic interaction data repository and web resource for exploring chemical modes of action. <i>Bioinformatics</i> , 2018, 34, 1251-1252.	4.1	14
59	Along the Central Dogma—Controlling Gene Expression with Small Molecules. <i>Annual Review of Biochemistry</i> , 2018, 87, 391-420.	11.1	33
60	Identification of a novel small molecule that inhibits deacetylase but not defatty-acylase reaction catalysed by SIRT2. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170070.	4.0	40
61	Establishment of a high-throughput detection system for DNA demethylating agents. <i>Epigenetics</i> , 2018, 13, 147-155.	2.7	10
62	Halistanol sulfates I and J, new SIRT1 <sup>3</sup> inhibitory steroid sulfates from a marine sponge of the genus <i>Halichondria</i> . <i>Journal of Antibiotics</i> , 2018, 71, 273-278.	2.0	18
63	Winners of the 2017 JA ÅEmura Awards for excellence. <i>Journal of Antibiotics</i> , 2018, 71, 835-837.	2.0	0
64	<sc>RK</sc>-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
65	Predicting bioprocess targets of chemical compounds through integration of chemical-genetic and genetic interactions. <i>PLoS Computational Biology</i> , 2018, 14, e1006532.	3.2	13
66	Opening the Selectivity Pocket in the Human Lysine Deacetylase Sirtuin2 — New Opportunities, New Questions. <i>Chemical Record</i> , 2018, 18, 1701-1707.	5.8	10
67	Unveiling epidithiodiketopiperazine as a non-histone arginine methyltransferase inhibitor by chemical protein methylome analyses. <i>Chemical Communications</i> , 2018, 54, 9202-9205.	4.1	12
68	Design, Synthesis, and Blood–Brain Barrier Transport Study of Pyrilamine Derivatives as Histone Deacetylase Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2018, 9, 884-888.	2.8	22
69	Development of Novel Inhibitors for Histone Methyltransferase SET7/9 based on Cyproheptadine. <i>ChemMedChem</i> , 2018, 13, 1530-1540.	3.2	11
70	Preparation of Cell Lysates of Fission Yeast for Immunoprecipitation. <i>Methods in Molecular Biology</i> , 2018, 1721, 125-133.	0.9	1
71	Nardilysin controls intestinal tumorigenesis through HDAC1/p53-dependent transcriptional regulation. <i>JCI Insight</i> , 2018, 3, .	5.0	10
72	IRS-2 deubiquitination by USP9X maintains anchorage-independent cell growth via Erk1/2 activation in prostate carcinoma cell line. <i>Oncotarget</i> , 2018, 9, 33871-33883.	1.8	11

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73	ãf~ãf—ãf~ãfžã,ã,ãf³ç%©è³ž. Kagaku To Seibutsu, 2018, 56, 197-202.	0.0	0
74	Discovery of Fungal Denitrification Inhibitors by Targeting Copper Nitrite Reductase from <i>Fusarium oxysporum</i> . Journal of Chemical Information and Modeling, 2017, 57, 203-213.	5.4	30
75	Characterization of lysine acetylation of a phosphoenolpyruvate carboxylase involved in glutamate overproduction in <i>Corynebacterium glutamicum</i> . Molecular Microbiology, 2017, 104, 677-689.	2.5	12
76	Live imaging of H3K9 acetylation in plant cells. Scientific Reports, 2017, 7, 45894.	3.3	15
77	Novel stand-alone RAM domain protein-mediated catalytic control of anthranilate phosphoribosyltransferase in tryptophan biosynthesis in <i>Thermus thermophilus</i> . Extremophiles, 2017, 21, 73-83.	2.3	3
78	Identification of zinc finger transcription factor EGR2 as a novel acetylated protein. Biochemical and Biophysical Research Communications, 2017, 489, 455-459.	2.1	8
79	Identification of a trichothecene production inhibitor by chemical array and library screening using trichodiene synthase as a target protein. Pesticide Biochemistry and Physiology, 2017, 138, 1-7.	3.6	7
80	Protein acetylation involved in streptomycin biosynthesis in <i>Streptomyces griseus</i> . Journal of Proteomics, 2017, 155, 63-72.	2.4	42
81	Characterization of cytopathic factors through genome-wide analysis of the Zika viral proteins in fission yeast. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E376-E385.	7.1	56
82	The Distinct Roles of Class I and II RPD3-Like Histone Deacetylases in Salinity Stress Response. Plant Physiology, 2017, 175, 1760-1773.	4.8	76
83	Increased metabolite production by deletion of an HDA1-type histone deacetylase in the phytopathogenic fungi, <i>Magnaporthe oryzae</i> ( <i>Pyricularia oryzae</i> ) and <i>Fusarium asiaticum</i> . Letters in Applied Microbiology, 2017, 65, 446-452.	2.2	28
84	Effect of lysine succinylation on the regulation of 2-oxoglutarate dehydrogenase inhibitor, OdhI, involved in glutamate production in <i>Corynebacterium glutamicum</i> . Bioscience, Biotechnology and Biochemistry, 2017, 81, 2130-2138.	1.3	15
85	Regulation of Small Mitochondrial DNA Replicative Advantage by Ribonucleotide Reductase in <i>Saccharomyces cerevisiae</i> . G3: Genes, Genomes, Genetics, 2017, 7, 3083-3090.	1.8	10
86	Functional annotation of chemical libraries across diverse biological processes. Nature Chemical Biology, 2017, 13, 982-993.	8.0	76
87	A quantitative shRNA screen identifies ATP1A1 as a gene that regulates cytotoxicity by aurilide B. Scientific Reports, 2017, 7, 2002.	3.3	28
88	Global analysis of pre-mRNA subcellular localization following splicing inhibition by spliceostatin A. Rna, 2017, 23, 47-57.	3.5	61
89	Winners of the 2016 JA Medals for excellence. Journal of Antibiotics, 2017, 70, 1085-1086.	2.0	0
90	A genetic screen to discover SUMOylated proteins in living mammalian cells. Scientific Reports, 2017, 7, 17443.	3.3	6

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91	Chemical and structural biology of protein lysine deacetylases. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 2017, 93, 297-321.	3.8	66
92	Rescuing the aberrant sex development of H3K9 demethylase Jmjd1a-deficient mice by modulating H3K9 methylation balance. PLoS Genetics, 2017, 13, e1007034.	3.5	29
93	The copper transport-associated protein Ctr4 can form prion-like epigenetic determinants in <i>Schizosaccharomyces pombe</i> . Microbial Cell, 2017, 4, 16-28.	3.2	16
94	Extracellular Electron Transfer of <i>Pseudomonas stutzeri</i> ; Driven by Lithotrophic and Mixotrophic Denitrification. Electrochemistry, 2016, 84, 312-314.	1.4	3
95	Identification of a Selective SIRT2 Inhibitor and Its Anti-breast Cancer Activity. Biological and Pharmaceutical Bulletin, 2016, 39, 1739-1742.	1.4	37
96	Identification of novel secreted fatty acids that regulate nitrogen catabolite repression in fission yeast. Scientific Reports, 2016, 6, 20856.	3.3	11
97	Synthesis and biological evaluation of novel FK228 analogues as potential isoform selective HDAC inhibitors. European Journal of Medicinal Chemistry, 2016, 121, 592-609.	5.5	25
98	Identification of Cyproheptadine as an Inhibitor of SET Domain Containing Lysine Methyltransferase 7/9 (Set7/9) That Regulates Estrogen-Dependent Transcription. Journal of Medicinal Chemistry, 2016, 59, 3650-3660.	6.4	47
99	Curacin E from the Brittle Star <i>Ophiocoma scolopendrina</i> . Journal of Natural Products, 2016, 79, 2754-2757.	3.0	9
100	Yakushinamides, Polyoxygenated Fatty Acid Amides That Inhibit HDACs and SIRTs, from the Marine Sponge <i>Theonella swinhoei</i> . Journal of Natural Products, 2016, 79, 2384-2390.	3.0	15
101	Steric structure-activity relationship of cyproheptadine derivatives as inhibitors of histone methyltransferase Set7/9. Bioorganic and Medicinal Chemistry, 2016, 24, 4318-4323.	3.0	13
102	Total Synthesis of the Depsipeptide FR901375 and Preliminary Evaluation of Its Biological Activity. European Journal of Organic Chemistry, 2016, 2016, 5667-5677.	2.4	3
103	Sterol-dependent membrane association of the marine sponge-derived bicyclic peptide Theonellamide A as examined by 1H NMR. Bioorganic and Medicinal Chemistry, 2016, 24, 5235-5242.	3.0	6
104	The exploitation of FRET probes to track bromodomain/histone interactions in cells for bromodomain inhibitors. Drug Discovery Today: Technologies, 2016, 19, 51-56.	4.0	5
105	Identification of new SUMO activating enzyme 1 inhibitors using virtual screening and scaffold hopping. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 1218-1223.	2.2	34
106	A Proteome-wide Fission Yeast Interactome Reveals Network Evolution Principles from Yeasts to Human. Cell, 2016, 164, 310-323.	28.9	106
107	Eukaryotic translation initiation factor 5A (eIF5A) is essential for HIF-1 $\alpha$ activation in hypoxia. Biochemical and Biophysical Research Communications, 2016, 470, 417-424.	2.1	14
108	Marine sponge cyclic peptide theonellamide A disrupts lipid bilayer integrity without forming distinct membrane pores. Biochimica Et Biophysica Acta - Biomembranes, 2016, 1858, 1373-1379.	2.6	21



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109	Reactive oxygen species stimulate mitochondrial allele segregation toward homoplasmy in human cells. <i>Molecular Biology of the Cell</i> , 2016, 27, 1684-1693.	2.1	16
110	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
111	Inhibition of protein SUMOylation by natural quinones. <i>Journal of Antibiotics</i> , 2016, 69, 776-779.	2.0	3
112	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
113	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
114	RQN-18690A (18-deoxyherboxidiene) targets SF3b, a spliceosome component, and inhibits angiogenesis. <i>Journal of Antibiotics</i> , 2016, 69, 121-123.	2.0	6
115	MALAT1 long non-coding RNA in cancer. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2016, 1859, 192-199.	1.9	190
116	A Genetically Encoded FRET Probe to Detect Intranucleosomal Histone H3K9 or H3K14 Acetylation Using BRD4, a BET Family Member. <i>ACS Chemical Biology</i> , 2016, 11, 729-733.	3.4	29
117	The Histone Deacetylase Inhibitor Suberoylanilide Hydroxamic Acid Alleviates Salinity Stress in Cassava. <i>Frontiers in Plant Science</i> , 2016, 7, 2039.	3.6	47
118	Rolling Circle Translation of Circular RNA in Living Human Cells. <i>Scientific Reports</i> , 2015, 5, 16435.	3.3	332
119	Effect of disrupting the trichothecene efflux pump encoded by <i>FgTri12</i> in the nivalenol chemotype of <i>Fusarium graminearum</i> . <i>Journal of General and Applied Microbiology</i> , 2015, 61, 93-96.	0.7	11
120	Targeting Cholesterol in a Liquid-Disordered Environment by Theonellamides Modulates Cell Membrane Order and Cell Shape. <i>Chemistry and Biology</i> , 2015, 22, 604-610.	6.0	20
121	Kinetic and Structural Basis for Acyl-Group Selectivity and NAD <sup>+</sup> Dependence in Sirtuin-Catalyzed Deacylation. <i>Biochemistry</i> , 2015, 54, 3037-3050.	2.5	150
122	An efficient synthesis of SK-658 and its analogs as potent histone deacetylase inhibitors. <i>Bioorganic Chemistry</i> , 2015, 59, 145-150.	4.1	5
123	Identification of the determinants of 2-deoxyglucose sensitivity in cancer cells by shRNA library screening. <i>Biochemical and Biophysical Research Communications</i> , 2015, 467, 121-127.	2.1	20
124	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
125	Receptor-Independent Ectopic Activity of <i>Prolactin</i> Predicts Aggressive Lung Tumors and Indicates HDACi-Based Therapeutic Strategies. <i>Antioxidants and Redox Signaling</i> , 2015, 23, 1-14.	5.4	12
126	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



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127	U2 snRNP Is Required for Expression of the 3' End of Genes. PLoS ONE, 2014, 9, e98015.	2.5	23
128	Design and synthesis of mono and bicyclic tetrapeptides thioester as potent inhibitor of histone deacetylases. Amino Acids, 2014, 46, 2435-2444.	2.7	6
129	Inhibition of protein SUMOylation by davidiin, an ellagitannin from <i>Davidia involucrata</i> . Journal of Antibiotics, 2014, 67, 335-338.	2.0	39
130	Heme regulates gene expression by triggering Crm1-dependent nuclear export of Bach1. EMBO Journal, 2014, 33, 1727-1727.	7.8	1
131	Balance between Exocytosis and Endocytosis Determines the Efficacy of Sterol-Targeting Antibiotics. Chemistry and Biology, 2014, 21, 1690-1699.	6.0	9
132	Identification of a novel component C2ORF3 in the lariat-intron complex: lack of C2ORF3 interferes with pre-mRNA splicing via intron turnover pathway. Genes To Cells, 2014, 19, 78-87.	1.2	18
133	Splicing inhibition induces gene expression through canonical NF- $\kappa$ B pathway and extracellular signal-related kinase activation. FEBS Letters, 2014, 588, 1053-1057.	2.8	8
134	Assay methods for small ubiquitin-like modifier (SUMO)-SUMO-interacting motif (SIM) interactions in vivo and in vitro using a split-luciferase complementation system. Analytical Biochemistry, 2014, 448, 92-94.	2.4	7
135	Effect of <i>Porphyromonas gingivalis</i> outer membrane vesicles on gingipain-mediated detachment of cultured oral epithelial cells and immune responses. Microbes and Infection, 2014, 16, 6-16.	1.9	73
136	Bicyclic tetrapeptide histone deacetylase inhibitors with methoxymethyl ketone and boronic acid zinc-binding groups. Bioorganic Chemistry, 2014, 57, 121-126.	4.1	5
137	Discovery of small molecule inhibitors targeting the SUMO-SIM interaction using a protein interface consensus approach. MedChemComm, 2014, 5, 783-786.	3.4	9
138	Identification of Sumoylation Inhibitors Targeting a Predicted Pocket in Ubc9. Journal of Chemical Information and Modeling, 2014, 54, 2784-2793.	5.4	12
139	SUMOylation regulates telomere length by targeting the shelterin subunit Tpz1 <sup>Tpp1</sup> to modulate shelterin-Stn1 interaction in fission yeast. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 5950-5955.	7.1	47
140	Identification of 1,2,5-Oxadiazoles as a New Class of SENP2 Inhibitors Using Structure Based Virtual Screening. Journal of Chemical Information and Modeling, 2014, 54, 870-880.	5.4	47
141	Bicyclic tetrapeptides as potent HDAC inhibitors: Effect of aliphatic loop position and hydrophobicity on inhibitory activity. Bioorganic and Medicinal Chemistry, 2014, 22, 3862-3870.	3.0	17
142	Identification of SUMO activating enzyme 1 inhibitors utilizing virtual screening approach. Journal of Cheminformatics, 2014, 6, .	6.1	1
143	Erasers of Histone Acetylation: The Histone Deacetylase Enzymes. Cold Spring Harbor Perspectives in Biology, 2014, 6, a018713-a018713.	5.5	1,346
144	Design and synthesis of peptide-MCA substrates for a novel assay of histone methyltransferases and their inhibitors. Bioorganic and Medicinal Chemistry, 2014, 22, 1268-1275.	3.0	12

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145	Total synthesis of burkholdacs A and B and 5,6,20-tri-epi-burkholdac A: HDAC inhibition and antiproliferative activity. <i>European Journal of Medicinal Chemistry</i> , 2014, 76, 301-313.	5.5	15
146	Genetically Encoded FRET Indicators for Live-Cell Imaging of Histone Acetylation. <i>Methods in Molecular Biology</i> , 2014, 1071, 151-161.	0.9	3
147	Mobilotome: A dataset describing gel mobility of a proteome. <i>Seibutsu Butsuri Kagaku</i> , 2014, 58, 89-91.	0.1	0
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