

Charles Brenner

List of Publications by Year in descending order

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144
papers

12,979
citations

31976

53
h-index

24258

110
g-index

212
all docs

212
docs citations

212
times ranked

13781
citing authors

#	ARTICLE	IF	CITATIONS
1	p53 Activation by Knockdown Technologies. PLoS Genetics, 2007, 3, e78.	3.5	893
2	NAD ⁺ metabolism in health and disease. Trends in Biochemical Sciences, 2007, 32, 12-19.	7.5	808
3	Discoveries of Nicotinamide Riboside as a Nutrient and Conserved NRK Genes Establish a Preiss-Handler Independent Route to NAD ⁺ in Fungi and Humans. Cell, 2004, 117, 495-502.	28.9	585
4	Nicotinic Acid, Nicotinamide, and Nicotinamide Riboside: A Molecular Evaluation of NAD ⁺ Precursor Vitamins in Human Nutrition. Annual Review of Nutrition, 2008, 28, 115-130.	10.1	550
5	Nicotinamide riboside is uniquely and orally bioavailable in mice and humans. Nature Communications, 2016, 7, 12948.	12.8	498
6	Exploring the Mode-of-Action of Bioactive Compounds by Chemical-Genetic Profiling in Yeast. Cell, 2006, 126, 611-625.	28.9	447
7	GPA1, a haploid-specific essential gene, encodes a yeast homolog of mammalian G protein which may be involved in mating factor signal transduction. Cell, 1987, 50, 1011-1019.	28.9	400
8	Nicotinamide Riboside Promotes Sir2 Silencing and Extends Lifespan via Nrk and Urh1/Pnp1/Meu1 Pathways to NAD ⁺ . Cell, 2007, 129, 473-484.	28.9	351
9	The nitrilase superfamily: classification, structure and function. Genome Biology, 2001, 2, reviews0001.1.	9.6	308
10	Circadian Reprogramming in the Liver Identifies Metabolic Pathways of Aging. Cell, 2017, 170, 664-677.e11.	28.9	277
11	Hint, Fhit, and GalT: Function, Structure, Evolution, and Mechanism of Three Branches of the Histidine Triad Superfamily of Nucleotide Hydrolases and Transferases. Biochemistry, 2002, 41, 9003-9014.	2.5	269
12	NRK1 controls nicotinamide mononucleotide and nicotinamide riboside metabolism in mammalian cells. Nature Communications, 2016, 7, 13103.	12.8	261
13	Nicotinamide Riboside Augments the Aged Human Skeletal Muscle NAD ⁺ Metabolome and Induces Transcriptomic and Anti-inflammatory Signatures. Cell Reports, 2019, 28, 1717-1728.e6.	6.4	253
14	Nicotinamide Improves Aspects of Healthspan, but Not Lifespan, in Mice. Cell Metabolism, 2018, 27, 667-676.e4.	16.2	242
15	Nicotinamide Riboside Preserves Cardiac Function in a Mouse Model of Dilated Cardiomyopathy. Circulation, 2018, 137, 2256-2273.	1.6	235
16	Nicotinamide Riboside Opposes Type 2 Diabetes and Neuropathy in Mice. Scientific Reports, 2016, 6, 26933.	3.3	234
17	Senescent cells promote tissue NAD ⁺ decline during ageing via the activation of CD38 ⁺ macrophages. Nature Metabolism, 2020, 2, 1265-1283.	11.9	206
18	Catalysis in the nitrilase superfamily. Current Opinion in Structural Biology, 2002, 12, 775-782.	5.7	196

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19	A randomized placebo-controlled clinical trial of nicotinamide riboside in obese men: safety, insulin-sensitivity, and lipid-mobilizing effects. <i>American Journal of Clinical Nutrition</i> , 2018, 108, 343-353.	4.7	195
20	Microbial NAD Metabolism: Lessons from Comparative Genomics. <i>Microbiology and Molecular Biology Reviews</i> , 2009, 73, 529-541.	6.6	192
21	Structural and enzymatic characterization of a purified prohormone-processing enzyme: secreted, soluble Kex2 protease.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992, 89, 922-926.	7.1	191
22	Scaffolding Functions of Arrestin-2 Revealed by Crystal Structure and Mutagenesis. <i>Biochemistry</i> , 2002, 41, 3321-3328.	2.5	186
23	The ataxia-oculomotor apraxia 1 gene product has a role distinct from ATM and interacts with the DNA strand break repair proteins XRCC1 and XRCC4. <i>DNA Repair</i> , 2004, 3, 1493-1502.	2.8	176
24	Arabidopsis VTC2 Encodes a GDP-I-Galactose Phosphorylase, the Last Unknown Enzyme in the Smirnoff-Wheeler Pathway to Ascorbic Acid in Plants. <i>Journal of Biological Chemistry</i> , 2007, 282, 18879-18885.	3.4	164
25	Niacin Cures Systemic NAD+ Deficiency and Improves Muscle Performance in Adult-Onset Mitochondrial Myopathy. <i>Cell Metabolism</i> , 2020, 31, 1078-1090.e5.	16.2	154
26	TARGETED, LCMS-BASED METABOLOMICS FOR QUANTITATIVE MEASUREMENT OF NAD + METABOLITES. <i>Computational and Structural Biotechnology Journal</i> , 2013, 4, e201301012.	4.1	152
27	CDC33 encodes mRNA cap-binding protein eIF-4E of <i>Saccharomyces cerevisiae</i> .. <i>Molecular and Cellular Biology</i> , 1988, 8, 3556-3559.	2.3	143
28	Genetic, biochemical, and crystallographic characterization of Fhit-substrate complexes as the active signaling form of Fhit. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 5484-5489.	7.1	139
29	Nonvisual Arrestin Oligomerization and Cellular Localization Are Regulated by Inositol Hexakisphosphate Binding. <i>Journal of Biological Chemistry</i> , 2006, 281, 9812-9823.	3.4	137
30	Coronavirus infection and PARP expression dysregulate the NAD metabolome: An actionable component of innate immunity. <i>Journal of Biological Chemistry</i> , 2020, 295, 17986-17996.	3.4	132
31	Safety and Metabolism of Long-term Administration of NIAGEN (Nicotinamide Riboside Chloride) in a Randomized, Double-Blind, Placebo-controlled Clinical Trial of Healthy Overweight Adults. <i>Scientific Reports</i> , 2019, 9, 9772.	3.3	127
32	Nicotinamide Riboside Kinase Structures Reveal New Pathways to NAD+. <i>PLoS Biology</i> , 2007, 5, e263.	5.6	126
33	Crystal structures of HINT demonstrate that histidine triad proteins are GalT-related nucleotide-binding proteins. <i>Nature Structural Biology</i> , 1997, 4, 231-238.	9.7	124
34	Crystal structure of the worm NitFhit Rosetta Stone protein reveals a Nit tetramer binding two Fhit dimers. <i>Current Biology</i> , 2000, 10, 907-917.	3.9	119
35	NAD+ Controls Circadian Reprogramming through PER2 Nuclear Translocation to Counter Aging. <i>Molecular Cell</i> , 2020, 78, 835-849.e7.	9.7	116
36	The histidine triad superfamily of nucleotide-binding proteins. <i>Journal of Cellular Physiology</i> , 1999, 181, 179-187.	4.1	108

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37	The Replication Focus Targeting Sequence (RFTS) Domain Is a DNA-competitive Inhibitor of Dnmt1. <i>Journal of Biological Chemistry</i> , 2011, 286, 15344-15351.	3.4	108
38	Adenosine Monophosphoramidase Activity of Hint and Hnt1 Supports Function of Kin28, Ccl1, and Tfb3. <i>Journal of Biological Chemistry</i> , 2002, 277, 10852-10860.	3.4	104
39	Nicotinamide riboside kinases display redundancy in mediating nicotinamide mononucleotide and nicotinamide riboside metabolism in skeletal muscle cells. <i>Molecular Metabolism</i> , 2017, 6, 819-832.	6.5	96
40	Pharmacological bypass of NAD ⁺ salvage pathway protects neurons from chemotherapy-induced degeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 10654-10659.	7.1	92
41	Nicotinamide Riboside Is a Major NAD ⁺ Precursor Vitamin in Cow Milk. <i>Journal of Nutrition</i> , 2016, 146, 957-963.	2.9	90
42	Nitrilase and Fhit homologs are encoded as fusion proteins in <i>Drosophila melanogaster</i> and <i>Caenorhabditis elegans</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 8744-8749.	7.1	80
43	Yeast myosin light chain, Mlc1p, interacts with both IQGAP and Class II myosin to effect cytokinesis. <i>Journal of Cell Science</i> , 2000, 113, 4533-4543.	2.0	78
44	Nicotinamide Riboside and Nicotinic Acid Riboside Salvage in Fungi and Mammals. <i>Journal of Biological Chemistry</i> , 2009, 284, 158-164.	3.4	77
45	Designed FHIT alleles establish that Fhit-induced apoptosis in cancer cells is limited by substrate binding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 1592-1597.	7.1	76
46	Mitochondrial protein acetylation as a cell-intrinsic, evolutionary driver of fat storage: Chemical and metabolic logic of acetyl-lysine modifications. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2013, 48, 561-574.	5.2	73
47	Fhit-nucleotide Specificity Probed with Novel Fluorescent and Fluorogenic Substrates. <i>Journal of Biological Chemistry</i> , 2000, 275, 4555-4560.	3.4	70
48	Nicotinamide riboside, a form of vitamin B ₃ , protects against excitotoxicity-induced axonal degeneration. <i>FASEB Journal</i> , 2017, 31, 5440-5452.	0.5	70
49	<i>Saccharomyces cerevisiae</i> YOR071C Encodes the High Affinity Nicotinamide Riboside Transporter Nrt1. <i>Journal of Biological Chemistry</i> , 2008, 283, 8075-8079.	3.4	69
50	NAD ⁺ metabolite levels as a function of vitamins and calorie restriction: evidence for different mechanisms of longevity. <i>BMC Chemical Biology</i> , 2010, 10, 2.	1.6	69
51	Targeted Microbiome Intervention by Microencapsulated Delayed-Release Niacin Beneficially Affects Insulin Sensitivity in Humans. <i>Diabetes Care</i> , 2018, 41, 398-405.	8.6	69
52	Eukaryotic NAD ⁺ Synthetase Qns1 Contains an Essential, Obligate Intramolecular Thiol Glutamine Amidotransferase Domain Related to Nitrilase. <i>Journal of Biological Chemistry</i> , 2003, 278, 33049-33055.	3.4	65
53	Nicotinamide riboside, a form of vitamin B ₃ and NAD ⁺ precursor, relieves the nociceptive and aversive dimensions of paclitaxel-induced peripheral neuropathy in female rats. <i>Pain</i> , 2017, 158, 962-972.	4.2	64
54	Biochemical, Crystallographic, and Mutagenic Characterization of Hint, the AMP-Lysine Hydrolase, with Novel Substrates and Inhibitors. <i>Journal of Biological Chemistry</i> , 2004, 279, 18711-18716.	3.4	57

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55	Suppression of TET1-Dependent DNA Demethylation Is Essential for KRAS-Mediated Transformation. <i>Cell Reports</i> , 2014, 9, 1827-1840.	6.4	55
56	Laccaic Acid A Is a Direct, DNA-competitive Inhibitor of DNA Methyltransferase 1. <i>Journal of Biological Chemistry</i> , 2013, 288, 23858-23867.	3.4	54
57	PPM1D mutations silence NAPRT gene expression and confer NAMPT inhibitor sensitivity in glioma. <i>Nature Communications</i> , 2019, 10, 3790.	12.8	54
58	Quantitative assessment of enzyme specificity in vivo: P2 recognition by Kex2 protease defined in a genetic system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 10384-10389.	7.1	53
59	Hint2, A Mitochondrial Apoptotic Sensitizer Down-Regulated in Hepatocellular Carcinoma. <i>Gastroenterology</i> , 2006, 130, 2179-2188.	1.3	53
60	Disease-associated Mutations Inactivate AMP-Lysine Hydrolase Activity of Aprataxin*. <i>Journal of Biological Chemistry</i> , 2005, 280, 20927-20931.	3.4	51
61	Synthetic Lethal and Biochemical Analyses of NAD and NADH Kinases in <i>Saccharomyces cerevisiae</i> Establish Separation of Cellular Functions*. <i>Journal of Biological Chemistry</i> , 2006, 281, 22439-22445.	3.4	51
62	Identification of Isn1 and Sdt1 as Glucose- and Vitamin-regulated Nicotinamide Mononucleotide and Nicotinic Acid Mononucleotide 5'-Nucleotidases Responsible for Production of Nicotinamide Riboside and Nicotinic Acid Riboside. <i>Journal of Biological Chemistry</i> , 2009, 284, 34861-34869.	3.4	51
63	Glutamine-dependent NAD ⁺ Synthetase. <i>Journal of Biological Chemistry</i> , 2006, 281, 33395-33402.	3.4	50
64	A Second GDP-l-galactose Phosphorylase in Arabidopsis en Route to Vitamin C. <i>Journal of Biological Chemistry</i> , 2008, 283, 18483-18492.	3.4	49
65	Maternal Nicotinamide Riboside Enhances Postpartum Weight Loss, Juvenile Offspring Development, and Neurogenesis of Adult Offspring. <i>Cell Reports</i> , 2019, 26, 969-983.e4.	6.4	49
66	31P NMR and Genetic Analysis Establish hinT as the Only Escherichia coli Purine Nucleoside Phosphoramidase and as Essential for Growth under High Salt Conditions. <i>Journal of Biological Chemistry</i> , 2005, 280, 15356-15361.	3.4	48
67	Emerging potential benefits of modulating NAD ⁺ metabolism in cardiovascular disease. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 314, H839-H852.	3.2	47
68	Absence of evidence that Slc12a8 encodes a nicotinamide mononucleotide transporter. <i>Nature Metabolism</i> , 2019, 1, 660-661.	11.9	45
69	Cdc123 and Checkpoint Forkhead Associated with RING Proteins Control the Cell Cycle by Controlling eIF2 ³ Abundance. <i>Journal of Biological Chemistry</i> , 2004, 279, 44656-44666.	3.4	44
70	Molecular cloning of lan4: a BCR/ABL-induced gene that encodes an outer membrane mitochondrial protein with GTP-binding activity. <i>Nucleic Acids Research</i> , 2001, 29, 1308-1316.	14.5	41
71	RGS6 suppresses Ras-induced cellular transformation by facilitating Tip60-mediated Dnmt1 degradation and promoting apoptosis. <i>Oncogene</i> , 2014, 33, 3604-3611.	5.9	41
72	NNMT: A Bad Actor in Fat Makes Good in Liver. <i>Cell Metabolism</i> , 2015, 22, 200-201.	16.2	39

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73	5â€²-Nucleotidases and their new roles in NAD ⁺ and phosphate metabolism. <i>New Journal of Chemistry</i> , 2010, 34, 845.	2.8	35
74	Inhibition of CD38 and supplementation of nicotinamide riboside ameliorate lipopolysaccharideâ€²-induced microglial and astrocytic neuroinflammation by increasing NAD ⁺ . <i>Journal of Neurochemistry</i> , 2021, 158, 311-327.	3.9	35
75	One-step site-directed mutagenesis of the Kex2 protease oxyanion hole. <i>Current Biology</i> , 1993, 3, 498-506.	3.9	34
76	Recent progress in the study of the intracellular functions of diadenosine polyphosphates. <i>Drug Development Research</i> , 2001, 52, 249-259.	2.9	34
77	Feminizing chicks: a model for avian sex determination based on titration of Hint enzyme activity and the predicted structure of an Asw-Hint heterodimer. <i>Genome Biology</i> , 2003, 4, R18.	9.6	34
78	Nrt1 and Tna1-Independent Export of NAD ⁺ Precursor Vitamins Promotes NAD ⁺ Homeostasis and Allows Engineering of Vitamin Production. <i>PLoS ONE</i> , 2011, 6, e19710.	2.5	33
79	FHA-RING ubiquitin ligases in cell division cycle control. <i>Cellular and Molecular Life Sciences</i> , 2008, 65, 3458-3466.	5.4	32
80	Targeting NAD ⁺ in translational research to relieve diseases and conditions of metabolic stress and ageing. <i>Mechanisms of Ageing and Development</i> , 2020, 186, 111208.	4.6	31
81	Coordinate Expression of NADPH-dependent Flavin Reductase, Fre-1, and Hint-related 7meGMP-directed Hydrolase, DCS-1. <i>Journal of Biological Chemistry</i> , 2003, 278, 39051-39058.	3.4	30
82	Yeast Chfr homologs retard cell cycle at G1 and G2/M via Ubc4 and Ubc13/Mms2-dependent ubiquitination. <i>Cell Cycle</i> , 2008, 7, 96-105.	2.6	29
83	[11] Biochemical and genetic methods for analyzing specificity and activity of a precursor-processing enzyme: Yeast Kex2 protease, kexin. <i>Methods in Enzymology</i> , 1994, 244, 152-167.	1.0	28
84	Boosting NAD ⁺ blunts TLR4-induced type I IFN in control and systemic lupus erythematosus monocytes. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	27
85	Analysis of fluorescently labeled substance P analogs: binding, imaging and receptor activation. , 2001, 1, 1.		26
86	Altered specificity of Hint-W123Q supports a role for Hint inhibition by ASW in avian sex determination. <i>Physiological Genomics</i> , 2004, 20, 12-14.	2.3	26
87	Interleukinâ€²8 drives CD38 to form NAADP from NADP ⁺ and NAAD in the endolysosomes to mobilize Ca ²⁺ and effect cell migration. <i>FASEB Journal</i> , 2020, 34, 12565-12576.	0.5	26
88	Nicotinamide riboside supplementation corrects deficits in oxytocin, sociability and anxiety of CD157 mutants in a mouse model of autism spectrum disorder. <i>Scientific Reports</i> , 2020, 10, 10035.	3.3	26
89	Chemical genomics in yeast. <i>Genome Biology</i> , 2004, 5, 240.	9.6	25
90	Discovery and Characterization of Novel Nonsubstrate and Substrate NAMPT Inhibitors. <i>Molecular Cancer Therapeutics</i> , 2017, 16, 1236-1245.	4.1	24

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91	Arg21 is the Preferred Kexin Cleavage Site in Parathyroid-Hormone-Related Protein. FEBS Journal, 1995, 229, 91-98.	0.2	22
92	Calorie Restriction-Mediated Replicative Lifespan Extension in Yeast Is Non-Cell Autonomous. PLoS Biology, 2015, 13, e1002048.	5.6	20
93	The Reported Human NADsyn2 Is Ammonia-dependent NAD Synthetase from a Pseudomonad. Journal of Biological Chemistry, 2003, 278, 33056-33059.	3.4	19
94	An Ultrasensitive High Throughput Screen for DNA Methyltransferase 1-Targeted Molecular Probes. PLoS ONE, 2013, 8, e78752.	2.5	19
95	RFTS-deleted DNMT1 enhances tumorigenicity with focal hypermethylation and global hypomethylation. Cell Cycle, 2014, 13, 3222-3231.	2.6	18
96	Nicotinamide Adenine Dinucleotide Metabolome Is Functionally Depressed in Patients Undergoing Liver Transplantation for Alcohol-Related Liver Disease. Hepatology Communications, 2020, 4, 1183-1192.	4.3	18
97	Systemic Treatment with Nicotinamide Riboside Is Protective in Two Mouse Models of Retinal Ganglion Cell Damage. Pharmaceutics, 2021, 13, 893.	4.5	17
98	New Tripodal, "Supercharged" Analogues of Adenosine Nucleotides: Inhibitors for the Fhit Ap3A Hydrolase. Angewandte Chemie - International Edition, 1999, 38, 1244-1247.	13.8	16
99	Evolution of NAD Biosynthetic Enzymes. Structure, 2005, 13, 1239-1240.	3.3	15
100	Two Hydrolase Resistant Analogues of Diadenosine 5',5'''-P,P-Triphosphate for Studies with Fhit, The Human Fragile Histidine Triad Protein. Nucleosides, Nucleotides and Nucleic Acids, 1998, 17, 301-308.	1.1	14
101	Di-, tri- and tetra-5'-O-phosphorothioadenosyl substituted polyols as inhibitors of Fhit: Importance of the alpha-beta bridging oxygen and beta phosphorus replacement. BMC Chemical Biology, 2001, 1, 3.	1.6	13
102	Systemic Treatment With Nicotinamide Riboside Is Protective in a Mouse Model of Light-Induced Retinal Degeneration. , 2020, 61, 47.		13
103	Viral infection as an NAD+ battlefield. Nature Metabolism, 2022, 4, 2-3.	11.9	13
104	Rethinking Premedical and Health Professional Curricula in Light of MCAT 2015. Journal of Chemical Education, 2013, 90, 807-812.	2.3	11
105	Deletion of CD38 and supplementation of NAD+ attenuate axon degeneration in a mouse facial nerve axotomy model. Scientific Reports, 2020, 10, 17795.	3.3	11
106	Modulation of the cardiac sodium channel NaV1.5 peak and late currents by NAD+ precursors. Journal of Molecular and Cellular Cardiology, 2020, 141, 70-81.	1.9	11
107	Targeting a fat-accumulation gene. Nature, 2014, 508, 194-195.	27.8	9
108	Quantification of Protein Copy Number in Yeast: The NAD+ Metabolome. PLoS ONE, 2014, 9, e106496.	2.5	9

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109	Control of dinucleoside polyphosphates by the FHIT-homologous HNT2 gene, adenine biosynthesis and heat shock in <i>Saccharomyces cerevisiae</i> . <i>BMC Molecular Biology</i> , 2002, 3, 7.	3.0	8
110	A knockdown with smoke model reveals FHIT as a repressor of Heme oxygenase 1. <i>Cell Cycle</i> , 2014, 13, 2913-2930.	2.6	8
111	NAD as a Genotype-Specific Drug Target. <i>Chemistry and Biology</i> , 2013, 20, 1307-1308.	6.0	7
112	Transcriptional Response of White Adipose Tissue to Withdrawal of Vitamin B3. <i>Molecular Nutrition and Food Research</i> , 2019, 63, 1801100.	3.3	7
113	Pterostilbene raises low density lipoprotein cholesterol in people. <i>Clinical Nutrition</i> , 2019, 38, 480-481.	5.0	7
114	The Role of G Proteins in Yeast Signal Transduction. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 1988, 53, 567-575.	1.1	7
115	Novel synthetic route to the C-nucleoside, 2-deoxy benzamide riboside. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 5204-5207.	2.2	6
116	Boosting NAD to Spare Hearing. <i>Cell Metabolism</i> , 2014, 20, 926-927.	16.2	6
117	Fat mobilization without weight loss is a potentially rapid response to nicotinamide riboside in obese people: it's time to test with exercise. <i>American Journal of Clinical Nutrition</i> , 2020, 112, 243-244.	4.7	6
118	Changes in chemistry and biochemistry education: Creative responses to medical college admissions test revisions in the age of the genome. <i>Biochemistry and Molecular Biology Education</i> , 2013, 41, 1-4.	1.2	5
119	Desperately Seeking Flexner. <i>Academic Medicine</i> , 2013, 88, 1405-1406.	1.6	4
120	Why Is Mom Stressed: Homeorhesis as the Potential Problem and Nicotinamide Riboside as the Potential Solution. <i>Journal of Experimental Neuroscience</i> , 2019, 13, 117906951986967.	2.3	4
121	Stereochemical Analysis of Diastereomeric 1,3-bis(Adenosine-5'-O-phosphorothioyl)glycerols. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2003, 22, 797-799.	1.1	3
122	A Tribute to Arthur Kornberg 1918-2007. <i>Nature Structural and Molecular Biology</i> , 2008, 15, 2-17.	8.2	3
123	On the Nonspecific Degradation of NAD ⁺ to Nicotinamide Riboside. <i>Journal of Biological Chemistry</i> , 2011, 286, 1e5.	3.4	3
124	Letting off electrons to cope with metabolic stress. <i>Nature Metabolism</i> , 2020, 2, 485-486.	11.9	3
125	Mechanisms to reduce the cytotoxicity of pharmacological nicotinamide concentrations in the pathogenic fungus <i>Candida albicans</i> . <i>FEBS Journal</i> , 2021, 288, 3478-3506.	4.7	3
126	Comment on "Nicotinamide mononucleotide increases muscle insulin sensitivity in prediabetic women". <i>Science</i> , 2021, 373, .	12.6	3

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127	KRAS-driven miR-29b expression is required for tumor suppressor gene silencing. <i>Oncotarget</i> , 2017, 8, 74755-74766.	1.8	3
128	Subtleties among subtilases. <i>EMBO Reports</i> , 2003, 4, 937-938.	4.5	2
129	The histidine triad superfamily of nucleotide-binding proteins. , 0, .		2
130	p53 activation by knockdown technologies. <i>PLoS Genetics</i> , 2005, preprint, e78.	3.5	2
131	FHIT-Substrate Complexes: a New Paradigm in Reversible Protein Phosphorylation. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1999, 144, 745-748.	1.6	1
132	Condensing the RNA world. <i>Trends in Biochemical Sciences</i> , 2000, 25, 485.	7.5	1
133	Discovery of two eukaryotic nicotinamide riboside salvage pathways: New nutritional approaches to promote Sir2 functions. <i>FASEB Journal</i> , 2007, 21, A158.	0.5	1
134	Fitness and cancer in the mouse. <i>Trends in Genetics</i> , 2000, 16, 294.	6.7	0
135	At the Precarious Cusp of Oncogenomics. , 2005, , 1-13.		0
136	Identification of Isn1 and Sdt1 as glucose- and vitamin-regulated nicotinamide mononucleotide and nicotinic acid mononucleotide 5 ^α -nucleotidases responsible for production of nicotinamide riboside and nicotinic acid riboside.. <i>Journal of Biological Chemistry</i> , 2010, 285, 3524.	3.4	0
137	HGG-33. EXPLOITING METABOLIC DEFECTS WITH NAMPT INHIBITORS IN DIPG. <i>Neuro-Oncology</i> , 2021, 23, i24-i24.	1.2	0
138	Fhit. <i>The AFCS-nature Molecule Pages</i> , 0, , .	0.2	0
139	Phosphate-regulated phosphatases Phm8 and Sdt1 are essential for chronological lifespan in budding yeast. <i>FASEB Journal</i> , 2009, 23, 855.7.	0.5	0
140	Metabolomics and Gene Discoveries Reveal Interrelationships between Glucose, Phosphate and NAD Metabolism. <i>FASEB Journal</i> , 2010, 24, .	0.5	0
141	MCAT 2015 and the Academy: Undergraduate, Graduate and Health Professional Ramifications. <i>FASEB Journal</i> , 2015, 29, 240.3.	0.5	0
142	Mechanism of Nicotinamide Riboside as an Aid to Weight Loss. <i>FASEB Journal</i> , 2015, 29, 717.19.	0.5	0
143	Biochemistry and Molecular Biology Education in a Transforming Academy and a Molecular World. <i>FASEB Journal</i> , 2016, 30, 105.1.	0.5	0
144	FHIT. , 2018, , 1713-1717.		0