

Paweł, Bieganski

List of Publications by Year in descending order

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36
papers

1,986
citations

331670

21
h-index

377865

34
g-index

36
all docs

36
docs citations

36
times ranked

2785
citing authors

#	ARTICLE	IF	CITATIONS
1	Discoveries of Nicotinamide Riboside as a Nutrient and Conserved NRK Genes Establish a Preiss-Handler Independent Route to NAD ⁺ in Fungi and Humans. <i>Cell</i> , 2004, 117, 495-502.	28.9	585
2	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
3	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
4	The histidine triad superfamily of nucleotide-binding proteins. <i>Journal of Cellular Physiology</i> , 1999, 181, 179-187.	4.1	108
5	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
6	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
7	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
8	Hsp90 and Its Co-Chaperones in Neurodegenerative Diseases. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4976.	4.1	69
9	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
10	Disease-associated Mutations Inactivate AMP-Lysine Hydrolase Activity of Aprataxin*. <i>Journal of Biological Chemistry</i> , 2005, 280, 20927-20931.	3.4	51
11	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
12	Hsp70 is a new target of Sgt1-an interaction modulated by S100A6. <i>Biochemical and Biophysical Research Communications</i> , 2007, 357, 1148-1153.	2.1	51
13	Glutamine-dependent NAD ⁺ Synthetase. <i>Journal of Biological Chemistry</i> , 2006, 281, 33395-33402.	3.4	50
14	31P NMR and Genetic Analysis Establish hinT as the Only <i>Escherchia coli</i> 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
15	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
16	CacyBP/SIP interacts with tubulin in neuroblastoma NB2a cells and induces formation of globular tubulin assemblies. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2007, 1773, 1628-1636.	4.1	37
17	Mutations that increase both Hsp90 ATPase activity in vitro and Hsp90 drug resistance in vivo. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2010, 1803, 575-583.	4.1	35
18	Recognition of different nucleotidyl-derivatives as substrates of reactions catalyzed by various HIT-proteins. <i>New Journal of Chemistry</i> , 2010, 34, 888.	2.8	32

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19	Fhit proteins can also recognize substrates other than dinucleoside polyphosphates. <i>FEBS Letters</i> , 2008, 582, 3152-3158.	2.8	29
20	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
21	Calcyclin Binding Protein/Siah-1 Interacting Protein Is a Hsp90 Binding Chaperone. <i>PLoS ONE</i> , 2016, 11, e0156507.	2.5	23
22	Middle domain of human Hsp90 isoforms differentially binds Aha1 in human cells and alters Hsp90 activity in yeast. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 445-452.	4.1	22
23	Dual activity of certain HIT proteins: <i>A. thaliana</i> Hint4 and <i>C. elegans</i> DcpS act on adenosine 5'-phosphosulfate as hydrolases (forming AMP) and as phosphorylases (forming ADP). <i>FEBS Letters</i> , 2010, 584, 93-98.	2.8	20
24	The Reported Human NADsyn2 Is Ammonia-dependent NAD Synthetase from a Pseudomonad. <i>Journal of Biological Chemistry</i> , 2003, 278, 33056-33059.	3.4	19
25	Alternative splicing of DNA polymerase β mRNA is not tumor-specific. , 1996, 68, 199-202.		13
26	Oligoclonal expansion of β T cells in cerebrospinal fluid of multiple sclerosis patients. <i>Multiple Sclerosis Journal</i> , 1996, 2, 78-82.	3.0	12
27	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
28	Hsp90n – An accidental product of a fortuitous chromosomal translocation rather than a regular Hsp90 family member of human proteome. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2008, 1784, 1844-1846.	2.3	7
29	Nuclear translocation of Sgt1 depends on its phosphorylation state. <i>International Journal of Biochemistry and Cell Biology</i> , 2011, 43, 1747-1753.	2.8	6
30	Transcriptional regulation of CacyBP/SIP gene and the influence of increased CacyBP/SIP level on gene expression pattern in colorectal cancer HCT116 cells. <i>IUBMB Life</i> , 2018, 70, 50-59.	3.4	6
31	Heat Shock Protein 90 Chaperones E1A Early Protein of Adenovirus 5 and Is Essential for Replication of the Virus. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2020.	4.1	6
32	Interaction of the middle domains stabilizes Hsp90 α dimer in a closed conformation with high affinity for p23. <i>Biological Chemistry</i> , 2018, 399, 337-345.	2.5	3
33	Regulation of S100A10 Gene Expression. <i>Biomolecules</i> , 2021, 11, 974.	4.0	3
34	Novel reactivity of Fhit proteins: catalysts for fluorolysis of nucleoside 5'-phosphoramidates and nucleoside 5'-phosphosulfates to generate nucleoside 5'-phosphorofluoridates. <i>Biochemical Journal</i> , 2015, 468, 337-344.	3.7	2
35	Hsp90 Activity Is Necessary for the Maturation of Rabies Virus Polymerase. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6946.	4.1	2
36	Alternative Forms of β -pol mRNA Are Not Tumor-Specific and Are Not the Result of Mutations in the DNA. <i>Biochemical and Biophysical Research Communications</i> , 2000, 268, 1.	2.1	0