

Thilo Hagen

List of Publications by Year in descending order

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63
papers

4,221
citations

218677

26
h-index

133252

59
g-index

63
all docs

63
docs citations

63
times ranked

6093
citing authors

#	ARTICLE	IF	CITATIONS
1	Uncoupling Protein-2 Negatively Regulates Insulin Secretion and Is a Major Link between Obesity, β Cell Dysfunction, and Type 2 Diabetes. <i>Cell</i> , 2001, 105, 745-755.	28.9	867
2	Redistribution of Intracellular Oxygen in Hypoxia by Nitric Oxide: Effect on HIF1 α . <i>Science</i> , 2003, 302, 1975-1978.	12.6	671
3	Energy Metabolism in Uncoupling Protein 3 Gene Knockout Mice. <i>Journal of Biological Chemistry</i> , 2000, 275, 16258-16266.	3.4	592
4	Stabilization of Hypoxia-inducible Factor-1 α Protein in Hypoxia Occurs Independently of Mitochondrial Reactive Oxygen Species Production. <i>Journal of Biological Chemistry</i> , 2010, 285, 31277-31284.	3.4	154
5	Inhibition of cellular respiration by endogenously produced carbon monoxide. <i>Journal of Cell Science</i> , 2006, 119, 2291-2298.	2.0	119
6	Assessment of uncoupling activity of uncoupling protein 3 using a yeast heterologous expression system. <i>FEBS Letters</i> , 1999, 449, 129-134.	2.8	98
7	Characterisation of the phosphorylation of β -catenin at the GSK-3 priming site Ser45. <i>Biochemical and Biophysical Research Communications</i> , 2002, 294, 324-328.	2.1	87
8	Expression and Characterization of GSK-3 Mutants and Their Effect on β -Catenin Phosphorylation in Intact Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 23330-23335.	3.4	85
9	Oxygen versus Reactive Oxygen in the Regulation of HIF-1 α : The Balance Tips. <i>Biochemistry Research International</i> , 2012, 2012, 1-5.	3.3	84
10	Hydrogen sulfide donors in research and drug development. <i>MedChemComm</i> , 2014, 5, 557-570.	3.4	84
11	Oncogenic activation of the PI3K/Akt pathway promotes cellular glucose uptake by downregulating the expression of thioredoxin-interacting protein. <i>Cellular Signalling</i> , 2016, 28, 377-383.	3.6	83
12	GSK-3 inhibition by adenoviral FRAT1 overexpression is neuroprotective and induces Tau dephosphorylation and β -catenin stabilisation without elevation of glycogen synthase activity. <i>FEBS Letters</i> , 2001, 507, 288-294.	2.8	82
13	Cloning and functional characterization of an uncoupling protein homolog in hummingbirds. <i>Physiological Genomics</i> , 2001, 5, 137-145.	2.3	79
14	Substrate-mediated Regulation of Cullin Neddylation. <i>Journal of Biological Chemistry</i> , 2007, 282, 17032-17040.	3.4	78
15	Inhibition of mitochondrial respiration by the anticancer agent 2-methoxyestradiol. <i>Biochemical and Biophysical Research Communications</i> , 2004, 322, 923-929.	2.1	67
16	Thioredoxin-interacting Protein (Txnip) Gene Expression. <i>Journal of Biological Chemistry</i> , 2010, 285, 25822-25830.	3.4	62
17	Characterization of cullin-based E3 ubiquitin ligases in intact mammalian cells – Evidence for cullin dimerization. <i>Cellular Signalling</i> , 2007, 19, 1071-1080.	3.6	61
18	Characterization of a Non-UBA Domain Missense Mutation of Sequestosome 1 (SQSTM1) in Paget's Disease of Bone. <i>Journal of Bone and Mineral Research</i> , 2009, 24, 632-642.	2.8	48

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19	Inhibition of Hypoxia-Inducible Factor-1 \pm (HIF-1 \pm) Protein Synthesis by DNA Damage Inducing Agents. <i>PLoS ONE</i> , 2010, 5, e10522.	2.5	48
20	Neddylation-Induced Conformational Control Regulates Cullin RING Ligase Activity In Vivo. <i>Journal of Molecular Biology</i> , 2011, 409, 136-145.	4.2	48
21	A GC/MS/MS screening method for multiple organic acidemias from urine specimens. <i>Clinica Chimica Acta</i> , 1999, 283, 77-88.	1.1	47
22	Structure Activity Analysis of 2-Methoxyestradiol Analogues Reveals Targeting of Microtubules as the Major Mechanism of Antiproliferative and Proapoptotic Activity. <i>Molecular Cancer Therapeutics</i> , 2010, 9, 224-235.	4.1	43
23	A potential mechanism of metformin-mediated regulation of glucose homeostasis: Inhibition of Thioredoxin-interacting protein (Txnip) gene expression. <i>Cellular Signalling</i> , 2012, 24, 1700-1705.	3.6	42
24	Increased Concentrations of Fructose 2,6-Bisphosphate Contribute to the Warburg Effect in Phosphatase and Tensin Homolog (PTEN)-deficient Cells. <i>Journal of Biological Chemistry</i> , 2013, 288, 36020-36028.	3.4	41
25	Thioredoxin-dependent regulation of AIF-mediated DNA damage. <i>Free Radical Biology and Medicine</i> , 2015, 87, 125-136.	2.9	35
26	mTORC1 Dependent Regulation of REDD1 Protein Stability. <i>PLoS ONE</i> , 2013, 8, e63970.	2.5	30
27	Chimeric Proteins between UCP1 and UCP3: The Middle Third of UCP1 Is Necessary and Sufficient for Activation by Fatty Acids. <i>Biochemical and Biophysical Research Communications</i> , 2000, 276, 642-648.	2.1	27
28	The Role of Mitochondrial Non-Enzymatic Protein Acylation in Ageing. <i>PLoS ONE</i> , 2016, 11, e0168752.	2.5	25
29	Regulation of Cullin RING E3 Ubiquitin Ligases by CAND1 In Vivo. <i>PLoS ONE</i> , 2011, 6, e16071.	2.5	24
30	Multiple myeloma <i>eu167</i> (c.499C>&t>A) mutation prevents <i>XBP1</i> mRNA splicing. <i>British Journal of Haematology</i> , 2013, 161, 898-901.	2.5	24
31	Mechanism of Cullin3 E3 Ubiquitin Ligase Dimerization. <i>PLoS ONE</i> , 2012, 7, e41350.	2.5	23
32	Structure-activity analysis of 2 α -modified cinnamaldehyde analogues as potential anticancer agents. <i>Biochemical and Biophysical Research Communications</i> , 2009, 387, 741-747.	2.1	22
33	Biochemical and cellular effects of inhibiting Nedd8 conjugation. <i>Biochemical and Biophysical Research Communications</i> , 2010, 398, 588-593.	2.1	21
34	2-Deoxyglucose induces the expression of thioredoxin interacting protein (TXNIP) by increasing O-GlcNAcylation - Implications for targeting the Warburg effect in cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2015, 465, 838-844.	2.1	21
35	Regulation of the NRF2 transcription factor by andrographolide and organic extracts from plant endophytes. <i>PLoS ONE</i> , 2018, 13, e0204853.	2.5	21
36	Urinary Lactate Excretion to Monitor the Efficacy of Treatment of Type I Glycogen Storage Disease. <i>Molecular Genetics and Metabolism</i> , 2000, 70, 189-195.	1.1	20

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37	Hypoxia-inducible factor independent down-regulation of thioredoxin-interacting protein in hypoxia. <i>FEBS Letters</i> , 2011, 585, 492-498.	2.8	20
38	Characterization of the Cullin7 E3 ubiquitin ligase " Heterodimerization of cullin substrate receptors as a novel mechanism to regulate cullin E3 ligase activity. <i>Cellular Signalling</i> , 2012, 24, 290-295.	3.6	19
39	Mechanistic target of rapamycin (mTOR) dependent regulation of thioredoxin interacting protein (TXNIP) transcription in hypoxia. <i>Biochemical and Biophysical Research Communications</i> , 2013, 433, 40-46.	2.1	19
40	Antitumor quinols: Role of glutathione in modulating quinol-induced apoptosis and identification of putative cellular protein targets. <i>Biochemical and Biophysical Research Communications</i> , 2006, 346, 242-251.	2.1	18
41	Inhibition of Cullin RING Ligases by Cycle Inhibiting Factor: Evidence for Interference with Nedd8-Induced Conformational Control. <i>Journal of Molecular Biology</i> , 2011, 413, 430-437.	4.2	17
42	Characterization of the role of COP9 signalosome in regulating cullin E3 ubiquitin ligase activity. <i>Molecular Biology of the Cell</i> , 2011, 22, 4706-4715.	2.1	17
43	Investigating the Molecular Basis of Siah1 and Siah2 E3 Ubiquitin Ligase Substrate Specificity. <i>PLoS ONE</i> , 2014, 9, e106547.	2.5	17
44	p21-Activated kinase interacts with Wnt signaling to regulate tissue polarity and gene expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 15853-15858.	7.1	16
45	<i>C. elegans</i> miro-1 Mutation Reduces the Amount of Mitochondria and Extends Life Span. <i>PLoS ONE</i> , 2016, 11, e0153233.	2.5	16
46	FRAT1, a Substrate-specific Regulator of Glycogen Synthase Kinase-3 Activity, Is a Cellular Substrate of Protein Kinase A. <i>Journal of Biological Chemistry</i> , 2006, 281, 35021-35029.	3.4	15
47	Post-translational regulation of mTOR complex 1 in hypoxia and reoxygenation. <i>Cellular Signalling</i> , 2013, 25, 1235-1244.	3.6	15
48	Dronedarone-Induced Cardiac Mitochondrial Dysfunction and Its Mitigation by Epoxyeicosatrienoic Acids. <i>Toxicological Sciences</i> , 2018, 163, 79-91.	3.1	14
49	Regulation of Cullin-RING ubiquitin ligase 1 by Spliceosome-associated protein 130 (SAP130). <i>Biology Open</i> , 2013, 2, 838-844.	1.2	9
50	Heteroaromatic 4-arylquinols are novel inducers of Nuclear factor-erythroid 2-related factor 2 (Nrf2). <i>European Journal of Pharmacology</i> , 2010, 643, 188-194.	3.5	7
51	Activation of MAPK/ERK signaling by <i>Burkholderia pseudomallei</i> cycle inhibiting factor (Cif). <i>PLoS ONE</i> , 2017, 12, e0171464.	2.5	7
52	Characterization of the Interaction between Latency-Associated Nuclear Antigen and Glycogen Synthase Kinase 3 β . <i>Journal of Virology</i> , 2009, 83, 6312-6317.	3.4	6
53	Galactose 1-phosphate accumulates to high levels in galactose-treated cells due to low GALT activity and absence of product inhibition of GALK. <i>Journal of Inherited Metabolic Disease</i> , 2020, 43, 529-539.	3.6	6
54	Compound C prevents Hypoxia-Inducible Factor-1 α protein stabilization by regulating the cellular oxygen availability via interaction with Mitochondrial Complex I. <i>BMC Research Notes</i> , 2011, 4, 117.	1.4	4

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55	Editorial "Cellular Delivery of Drugs and Nucleic Acids. Cosmos, 2014, 10, 1-1.	0.4	4
56	LDB1 and the SWI/SNF complex participate in both transcriptional activation and repression by <i>Caenorhabditis elegans</i> BLIMP1/PRDM1. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2020, 1863, 194577.	1.9	4
57	Destabilization of CDC6 upon DNA damage is dependent on neddylation but independent of Cullin E3 ligases. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 1489-1498.	2.8	3
58	A POSSIBLE APPROACH FOR ORAL DRUG DELIVERY OF NANOPARTICLES. <i>Cosmos</i> , 2014, 10, 13-16.	0.4	3
59	Characterisation of cellular effects of <i>Burkholderia pseudomallei</i> Cycle inhibiting factor (Cif). <i>Biology Open</i> , 2018, 7, .	1.2	2
60	Quantification of glutaric acid by isotope dilution mass spectrometry for patients with glutaric acidemia type I: selected ion monitoring vs. selected ion storage. <i>Clinica Chimica Acta</i> , 1999, 282, 185-195.	1.1	0
61	DELIVERY OF THERAPEUTIC RNAs INTO TARGET CELLS <i>IN VIVO</i> . <i>Cosmos</i> , 2014, 10, 3-8.	0.4	0
62	SAFE AND EFFICIENT REPROGRAMMING OF SOMATIC CELLS INTO STEM CELLS IN LIVING TISSUE. <i>Cosmos</i> , 2014, 10, 9-12.	0.4	0
63	Towards a More Meaningful Evaluation of University Lecturers. <i>New Zealand Journal of Educational Studies</i> , 2020, 55, 379-386.	1.1	0