

Ivan Gout

List of Publications by Year in descending order

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37
papers

2,299
citations

331670

21
h-index

361022

35
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39
all docs

39
docs citations

39
times ranked

3213
citing authors

#	ARTICLE	IF	CITATIONS
1	Profiling the Site of Protein CoAlation and Coenzyme A Stabilization Interactions. <i>Antioxidants</i> , 2022, 11, 1362.	5.1	6
2	Redox Regulation of the Quorum-sensing Transcription Factor AgrA by Coenzyme A. <i>Antioxidants</i> , 2021, 10, 841.	5.1	9
3	Regulation of metastasis suppressor NME1 by a key metabolic cofactor coenzyme A. <i>Redox Biology</i> , 2021, 44, 101978.	9.0	17
4	Arne Holmgren receives the 2018 SFRR international lifetime achievement and service award for his fantastic research in redox biology from Giovanni Mann. <i>Redox Biology</i> , 2021, 44, 102019.	9.0	0
5	Regulation of the CoA Biosynthetic Complex Assembly in Mammalian Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1131.	4.1	14
6	Extensive Anti-CoA Immunostaining in Alzheimer's Disease and Covalent Modification of Tau by a Key Cellular Metabolite Coenzyme A. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 739425.	3.7	8
7	Covalent Aurora A regulation by the metabolic integrator coenzyme A. <i>Redox Biology</i> , 2020, 28, 101318.	9.0	45
8	Analysis of disulphide bond linkage between CoA and protein cysteine thiols during sporulation and in spores of <i>Bacillus</i> species. <i>FEMS Microbiology Letters</i> , 2020, 367, .	1.8	6
9	The Writers, Readers, and Erasers in Redox Regulation of GAPDH. <i>Antioxidants</i> , 2020, 9, 1288.	5.1	30
10	Design and synthesis of Coenzyme A analogues as Aurora kinase A inhibitors: An exploration of the roles of the pyrophosphate and pantetheine moieties. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115740.	3.0	4
11	Molecular cloning and characterization of a lipid transfer protein gene (PsLTP1) from <i>Pinus sylvestris</i> (L.). <i>Journal of Forestry Research</i> , 2019, 30, 1149-1158.	3.6	1
12	A key metabolic integrator, coenzyme A, modulates the activity of peroxiredoxin 5 via covalent modification. <i>Molecular and Cellular Biochemistry</i> , 2019, 461, 91-102.	3.1	22
13	Coenzyme A and protein CoAlation levels are regulated in response to oxidative stress and during morphogenesis in <i>Dictyostelium discoideum</i> . <i>Biochemical and Biophysical Research Communications</i> , 2019, 511, 294-299.	2.1	7
14	Coenzyme A: a protective thiol in bacterial antioxidant defence. <i>Biochemical Society Transactions</i> , 2019, 47, 469-476.	3.4	37
15	Three-dimensional cancer cell culture in high-yield multiscale scaffolds by shear spinning. <i>Biotechnology Progress</i> , 2019, 35, e2750.	2.6	6
16	Protein CoAlation and antioxidant function of coenzyme A in prokaryotic cells. <i>Biochemical Journal</i> , 2018, 475, 1909-1937.	3.7	60
17	Coenzyme A, protein CoAlation and redox regulation in mammalian cells. <i>Biochemical Society Transactions</i> , 2018, 46, 721-728.	3.4	77
18	Protein CoAlation: a redox-regulated protein modification by coenzyme A in mammalian cells. <i>Biochemical Journal</i> , 2017, 474, 2489-2508.	3.7	65

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19	iPSC-derived neuronal models of PANK2-associated neurodegeneration reveal mitochondrial dysfunction contributing to early disease. <i>PLoS ONE</i> , 2017, 12, e0184104.	2.5	39
20	Coenzyme A and its derivatives: renaissance of a textbook classic. <i>Biochemical Society Transactions</i> , 2014, 42, 1025-1032.	3.4	56
21	Exome Sequence Reveals Mutations in CoA Synthase as a Cause of Neurodegeneration with Brain Iron Accumulation. <i>American Journal of Human Genetics</i> , 2014, 94, 11-22.	6.2	176
22	Methods for measuring CoA and CoA derivatives in biological samples. <i>Biochemical Society Transactions</i> , 2014, 42, 1107-1111.	3.4	24
23	Coenzyme A biosynthetic machinery in mammalian cells. <i>Biochemical Society Transactions</i> , 2014, 42, 1112-1117.	3.4	58
24	S6 Kinase 2 Is Bound to Chromatinâ€Nuclear Matrix Cellular Fractions and Is Able to Phosphorylate Histone H3 at Threonine 45 In Vitro and In Vivo. <i>Journal of Cellular Biochemistry</i> , 2014, 115, 1048-1062.	2.6	14
25	Signalling functions of coenzyme A and its derivatives in mammalian cells. <i>Biochemical Society Transactions</i> , 2014, 42, 1056-1062.	3.4	33
26	Changes in Acetyl CoA Levels during the Early Embryonic Development of <i>Xenopus laevis</i> . <i>PLoS ONE</i> , 2014, 9, e97693.	2.5	29
27	Identification of the general transcription factor Yin Yang 1 as a novel and specific binding partner for S6 Kinase 2. <i>Cellular Signalling</i> , 2013, 25, 1054-1063.	3.6	22
28	Analysis of tyrosine phosphorylation and phosphotyrosine-binding proteins in germinating seeds from Scots pine. <i>Plant Physiology and Biochemistry</i> , 2013, 67, 33-40.	5.8	10
29	EDC4 interacts with and regulates the dephosphoâ€CoA kinase activity of CoA synthase. <i>FEBS Letters</i> , 2012, 586, 3590-3595.	2.8	18
30	Involvement of Heterogeneous Ribonucleoprotein F in the Regulation of Cell Proliferation via the Mammalian Target of Rapamycin/S6 Kinase 2 Pathway. <i>Journal of Biological Chemistry</i> , 2010, 285, 17065-17076.	3.4	49
31	Phosphorylation of Histone H3 Thr-45 Is Linked to Apoptosis. <i>Journal of Biological Chemistry</i> , 2009, 284, 16575-16583.	3.4	98
32	Ribosomal protein S6 kinase 1 interacts with and is ubiquitinated by ubiquitin ligase ROC1. <i>Biochemical and Biophysical Research Communications</i> , 2008, 369, 339-343.	2.1	22
33	Regulation of ribosomal protein S6 kinases by ubiquitination. <i>Biochemical and Biophysical Research Communications</i> , 2008, 369, 382-387.	2.1	36
34	The TSC1-2 tumor suppressor controls insulinâ€PI3K signaling via regulation of IRS proteins. <i>Journal of Cell Biology</i> , 2004, 166, 213-223.	5.2	1,013
35	Specific interaction between S6K1 and CoA synthase: a potential link between the mTOR/S6K pathway, CoA biosynthesis and energy metabolism. <i>FEBS Letters</i> , 2004, 578, 357-362.	2.8	31
36	Distinct regulatory mechanism for p70 S6 kinase Î² from that for p70 S6 kinase Î±. <i>Genes To Cells</i> , 2001, 6, 1003-1015.	1.2	23

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37	Molecular Cloning and Characterization of a Novel p70 S6 Kinase, p70 S6 Kinase $\hat{2}$ Containing a Proline-rich Region. Journal of Biological Chemistry, 1998, 273, 30061-30064.	3.4	133