

Mathias Montenarh

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,248
citations

361413

20
h-index

377865

34
g-index

42
all docs

42
docs citations

42
times ranked

1497
citing authors

#	ARTICLE	IF	CITATIONS
1	Subcellular localization of protein kinase CK2. <i>Cell and Tissue Research</i> , 2000, 301, 329-340.	2.9	211
2	Specific binding of protein kinase CK2 catalytic subunits to tubulin. <i>FEBS Letters</i> , 1999, 462, 51-56.	2.8	78
3	Protein kinase CK2 in development and differentiation. <i>Biomedical Reports</i> , 2017, 6, 127-133.	2.0	77
4	Regulation of CAK kinase activity by p53. <i>Oncogene</i> , 1998, 17, 2733-2741.	5.9	71
5	CK2 and the regulation of the carbohydrate metabolism. <i>Metabolism: Clinical and Experimental</i> , 2012, 61, 1512-1517.	3.4	56
6	Protein Kinase CK2 and Angiogenesis. <i>Advances in Clinical and Experimental Medicine</i> , 2014, 23, 153-158.	1.4	55
7	Wild-type p53 inhibits protein kinase CK2 activity. <i>Journal of Cellular Biochemistry</i> , 2001, 81, 172-183.	2.6	49
8	Synthetic polysulfane derivatives induce cell cycle arrest and apoptotic cell death in human hematopoietic cancer cells. <i>Food and Chemical Toxicology</i> , 2014, 64, 249-257.	3.6	42
9	Title is missing!. <i>Molecular and Cellular Biochemistry</i> , 2001, 227, 73-80.	3.1	38
10	Regulation of p53 mediated transactivation by the β -subunit of protein kinase CK2. <i>FEBS Letters</i> , 1999, 447, 160-166.	2.8	37
11	CK2 phosphorylation of Pdx-1 regulates its transcription factor activity. <i>Cellular and Molecular Life Sciences</i> , 2010, 67, 2481-2489.	5.4	34
12	Phosphorylation of the von Hippel-Lindau protein (VHL) by protein kinase CK2 reduces its protein stability and affects p53 and HIF-1 α mediated transcription. <i>International Journal of Biochemistry and Cell Biology</i> , 2010, 42, 1729-1735.	2.8	34
13	The role of protein kinase CK2 in the regulation of the insulin production of pancreatic islets. <i>Biochemical and Biophysical Research Communications</i> , 2010, 401, 203-206.	2.1	31
14	Synthesis of amphiphilic, chalcogen-based redox modulators with in vitro cytotoxic activity against cancer cells, macrophages and microbes. <i>MedChemComm</i> , 2014, 5, 25-31.	3.4	30
15	ER stress signaling in ARPE-19 cells after inhibition of protein kinase CK2 by CX-4945. <i>Cellular Signalling</i> , 2014, 26, 1567-1575.	3.6	29
16	The status of global DNA methylation in the spermatozoa of smokers and non-smokers. <i>Reproductive BioMedicine Online</i> , 2018, 37, 581-589.	2.4	27
17	Glucose regulates protein kinase CK2 in pancreatic β -cells and its interaction with PDX-1. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 2786-2795.	2.8	24
18	Inhibition of protein kinase CK2 suppresses tumor necrosis factor (TNF)- α -induced leukocyte-endothelial cell interaction. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 2123-2136.	3.8	24

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19	Novel coumarin- and quinolinone-based polycycles as cell division cycle 25-A and -C phosphatases inhibitors induce proliferation arrest and apoptosis in cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2017, 134, 316-333.	5.5	24
20	Protein Kinase CK2â€™A Putative Target for the Therapy of Diabetes Mellitus?. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4398.	4.1	24
21	The Phosphorylation of PDX-1 by Protein Kinase CK2 Is Crucial for Its Stability. <i>Pharmaceuticals</i> , 2017, 10, 2.	3.8	19
22	Functional interplay between the transcription factors USF1 and PDX-1 and protein kinase CK2 in pancreatic Î²-cells. <i>Scientific Reports</i> , 2017, 7, 16367.	3.3	18
23	Protein kinase CK2 and ion channels (Review). <i>Biomedical Reports</i> , 2020, 13, 1-1.	2.0	18
24	A new tellurium-containing amphiphilic molecule induces apoptosis in HCT116 colon cancer cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 1808-1816.	2.4	16
25	CK2 phosphorylation of C/EBPÎ´ regulates its transcription factor activity. <i>International Journal of Biochemistry and Cell Biology</i> , 2015, 61, 81-89.	2.8	16
26	Ectoâ€™protein kinase CK2, the neglected form of CK2 (Review). <i>Biomedical Reports</i> , 2018, 8, 307-313.	2.0	16
27	Role of protein kinase CK2 in the dynamic interaction of platelets, leukocytes and endothelial cells during thrombus formation. <i>Thrombosis Research</i> , 2015, 136, 996-1006.	1.7	15
28	The mammalian STE20-like kinase 1 (MST1) is a substrate for the apoptosis inhibiting protein kinase CK2. <i>Cellular Signalling</i> , 2017, 36, 163-175.	3.6	14
29	Influence of cryopreservation on the CATSPER2 and TEKT2 expression levels and protein levels in human spermatozoa. <i>Toxicology Reports</i> , 2019, 6, 819-824.	3.3	14
30	The upstream stimulatory factor USF1 is regulated by protein kinase CK2 phosphorylation. <i>Cellular Signalling</i> , 2014, 26, 2809-2817.	3.6	12
31	A scent of therapy: Synthetic polysulfanes with improved physico-chemical properties induce apoptosis in human cancer cells. <i>International Journal of Oncology</i> , 2015, 47, 991-1000.	3.3	12
32	The impact of cigarette smoking on protamines 1 and 2 transcripts in human spermatozoa. <i>Human Fertility</i> , 2019, 22, 104-110.	1.7	12
33	Quinalizarin inhibits adipogenesis through down-regulation of transcription factors and microRNA modulation. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 3272-3281.	2.4	10
34	Impact of protein kinase CK2 inhibitors on proliferation and differentiation of neural stem cells. <i>Heliyon</i> , 2017, 3, e00318.	3.2	10
35	Inhibition of Protein Kinase CK2 Prevents Adipogenic Differentiation of Mesenchymal Stem Cells Like C3H/10T1/2 Cells. <i>Pharmaceuticals</i> , 2017, 10, 22.	3.8	10
36	The nuclear fraction of protein kinase CK2 binds to the upstream stimulatory factors (USFs) in the absence of DNA. <i>Cellular Signalling</i> , 2016, 28, 23-31.	3.6	7

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37	Control of TRPM3 Ion Channels by Protein Kinase CK2-Mediated Phosphorylation in Pancreatic β -Cells of the Line INS-1. International Journal of Molecular Sciences, 2021, 22, 13133.	4.1	7
38	Protein Kinase CK2 Controls CaV2.1-Dependent Calcium Currents and Insulin Release in Pancreatic β -cells. International Journal of Molecular Sciences, 2020, 21, 4668.	4.1	6
39	SGC-CK2-1 Is an Efficient Inducer of Insulin Production and Secretion in Pancreatic β -Cells. Pharmaceutics, 2022, 14, 19.	4.5	5
40	Inhibition of CK2 Reduces NG2 Expression in Juvenile Angiofibroma. Biomedicines, 2022, 10, 966.	3.2	5
41	The stability of CREB3/Luman is regulated by protein kinase CK2 phosphorylation. Biochemical and Biophysical Research Communications, 2020, 523, 639-644.	2.1	3