Joachim Bischof

List of Publications by Year
in descending order

25 papers	635 citations	687363 13 h-index	642732 23 g-index
25 all docs	25 docs citations	25 times ranked	851 citing authors

#	Article	IF	Citations
1	The CK1 Family: Contribution to Cellular Stress Response and Its Role in Carcinogenesis. Frontiers in Oncology, 2014, 4, 96.	2.8	200
2	Structure, regulation, and (patho-)physiological functions of the stress-induced protein kinase CK1 delta (CSNK1D). Gene, 2019, 715, 144005.	2.2	51
3	2-Benzamido-N-(1H-benzo[d]imidazol-2-yl)thiazole-4-carboxamide derivatives as potent inhibitors of CK1Î´/Îµ. Amino Acids, 2012, 43, 1577-1591.	2.7	41
4	Cancer stem cells: The potential role of autophagy, proteolysis, and cathepsins in glioblastoma stem cells. Tumor Biology, 2017, 39, 101042831769222.	1.8	36
5	Optimized 4,5-Diarylimidazoles as Potent/Selective Inhibitors of Protein Kinase CK1Î´ and Their Structural Relation to p38Î± MAPK. Molecules, 2017, 22, 522.	3.8	35
6	CK1Î´ Kinase Activity Is Modulated by Chk1-Mediated Phosphorylation. PLoS ONE, 2013, 8, e68803.	2.5	33
7	Impaired CK1 Delta Activity Attenuates SV40-Induced Cellular Transformation In Vitro and Mouse Mammary Carcinogenesis In Vivo. PLoS ONE, 2012, 7, e29709.	2.5	32
8	Difluoro-dioxolo-benzoimidazol-benzamides As Potent Inhibitors of CK1Î´ and Îµ with Nanomolar Inhibitory Activity on Cancer Cell Proliferation. Journal of Medicinal Chemistry, 2014, 57, 7933-7946.	6.4	29
9	Effects of altered expression and activity levels of CK1Î´ and É› on tumor growth and survival of colorectal cancer patients. International Journal of Cancer, 2015, 136, 2799-2810.	5.1	28
10	Critical View of Novel Treatment Strategies for Glioblastoma: Failure and Success of Resistance Mechanisms by Glioblastoma Cells. Frontiers in Cell and Developmental Biology, 2021, 9, 695325.	3.7	27
11	CK1Î´ activity is modulated by CDK2/E- and CDK5/p35-mediated phosphorylation. Amino Acids, 2016, 48, 579-592.	2.7	23
12	A CK1 FRET biosensor reveals that DDX3X is an essential activator of CK1Îµ. Journal of Cell Science, 2018, 131, .	2.0	19
13	CK1Î´ kinase activity is modulated by protein kinase C Î± (PKCÎ±)-mediated site-specific phosphorylation. Amino Acids, 2016, 48, 1185-1197.	2.7	16
14	Neurite Outgrowth of Mature Retinal Ganglion Cells and PC12 Cells Requires Activity of CK1Î´ and CK1Îµ. PLoS ONE, 2011, 6, e20857.	2.5	12
15	Newly Developed CK1-Specific Inhibitors Show Specifically Stronger Effects on CK1 Mutants and Colon Cancer Cell Lines. International Journal of Molecular Sciences, 2019, 20, 6184.	4.1	12
16	New potential peptide therapeutics perturbing CK1Î´/Îµ-tubulin interaction. Cancer Letters, 2016, 375, 375-383.	7.2	7
17	CK1 Is a Druggable Regulator of Microtubule Dynamics and Microtubule-Associated Processes. Cancers, 2022, 14, 1345.	3.7	7
18	Gene expression levels of Casein kinase 1 (CK1) isoforms are correlated to adiponectin levels in adipose tissue of morbid obese patients and site-specific phosphorylation mediated by CK1 influences multimerization of adiponectin. Molecular and Cellular Endocrinology, 2015, 406, 87-101.	3.2	6

#	Article	IF	Citations
19	Assessing the Inhibitory Potential of Kinase Inhibitors In Vitro: Major Pitfalls and Suggestions for Improving Comparability of Data Using CK1 Inhibitors as an Example. Molecules, 2021, 26, 4898.	3.8	5
20	CK1ÃŽÂ´ in lymphoma: gene expression and mutation analyses and validation of CK1ÃŽÂ´ kinase activity for therapeutic application. Frontiers in Cell and Developmental Biology, 2015, 3, 9.	3.7	4
21	Kinase activity of casein kinase 1 delta (CK1Î´) is modulated by protein kinase C Î± (PKCÎ±) by site-specific phosphorylation within the kinase domain of CK1Î´. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2019, 1867, 710-721.	2.3	3
22	The kinase domain of CK1Î´ can be phosphorylated by Chk1. Bioscience, Biotechnology and Biochemistry, 2019, 83, 1663-1675.	1.3	3
23	Stress-activated kinases as therapeutic targets in pancreatic cancer. World Journal of Gastroenterology, 2021, 27, 4963-4984.	3.3	3
24	Comprehensive Characterization of CK1Î´-Mediated Tau Phosphorylation in Alzheimerâ€™s Disease. Frontiers in Molecular Biosciences, 0, 9, .	3.5	2
25	CK1Î´-Derived Peptides as Novel Tools Inhibiting the Interactions between CK1Î´ and APP695 to Modulate the Pathogenic Metabolism of APP. International Journal of Molecular Sciences, 2021, 22, 6423.	4.1	1