Lorenzo A Pinna

List of Publications by Year
in descending order

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197 papers	13,854 citations	22153 59 h-index	25787 108 g-index
211 all docs	211 docs citations	211 times ranked	10338 citing authors

#	Article	IF	Citations
1	Comparing the efficacy and selectivity of Ck2 inhibitors. A phosphoproteomics approach. European Journal of Medicinal Chemistry, 2021, 214, 113217.	5.5	15
2	How can a traffic light properly work if it is always green? The paradox of CK2 signaling. Critical Reviews in Biochemistry and Molecular Biology, 2021, 56, 321-359.	5.2	20
3	Contribution of the CK2 Catalytic Isoforms Î± and Î±â€™ to the Glycolytic Phenotype of Tumor Cells. Cells, 2021, 10, 181.	4.1	9
4	Targeting CK2 in cancer: a valuable strategy or a waste of time?. Cell Death Discovery, 2021, 7, 325.	4.7	26
5	Effects of CK2Î² subunit down-regulation on Akt signalling in HK-2 renal cells. PLoS ONE, 2020, 15, e0227340.	2.5	11
6	Deciphering the role of protein kinase CK2 in the maturation/stability of F508del-CFTR. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165611.	3.8	7
7	â€œJanusâ€•efficacy of CX-5011: CK2 inhibition and methuosis induction by independent mechanisms. Biochimica Et Biophysica Acta - Molecular Cell Research, 2020, 1867, 118807.	4.1	14
8	A N-terminally deleted form of the CK2Î±â€™ catalytic subunit is sufficient to support cell viability. Biochemical and Biophysical Research Communications, 2020, 531, 409-415.	2.1	9
9	IPK2019: David Shugar and the genesis of the IPK conferences. IUBMB Life, 2020, 72, 1097-1102.	3.4	0
10	Prevalence and significance of the commonest phosphorylated motifs in the human proteome: a global analysis. Cellular and Molecular Life Sciences, 2020, 77, 5281-5298.	5.4	13
11	A Journey through the Cytoskeleton with Protein Kinase CK2. Current Protein and Peptide Science, 2019, 20, 547-562.	1.4	27
12	A proteomics analysis of CK2Î²^(â^'/â^') C2C12 cells provides novel insights into the biological functions of the nonâ€catalytic Î² subunit. FEBS Journal, 2019, 286, 1561-1575.	4.7	14
13	Pharmacophore-guided discovery of CDC25 inhibitors causing cell cycle arrest and tumor regression. Scientific Reports, 2019, 9, 1335.	3.3	20
14	Protein Kinase CK2 Subunits Differentially Perturb the Adhesion and Migration of GN11 Cells: A Model of Immature Migrating Neurons. International Journal of Molecular Sciences, 2019, 20, 5951.	4.1	26
15	Up-Regulation of the Alpha Prime Subunit of Protein Kinase CK2 as a Marker of Fast Proliferation in GL261 Cultured Cells. Pathology and Oncology Research, 2019, 25, 1659-1663.	1.9	6
16	Re-evaluation of protein kinase CK2 pleiotropy: new insights provided by a phosphoproteomics analysis of CK2 knockout cells. Cellular and Molecular Life Sciences, 2018, 75, 2011-2026.	5.4	49
17	Dependence of HSP27 cellular level on protein kinase CK2 discloses novel therapeutic strategies. Biochimica Et Biophysica Acta - General Subjects, 2018, 1862, 2902-2910.	2.4	14
18	The Golgi â€˜casein kinaseâ€™ Fam20C is a genuine â€˜phosvitin kinaseâ€™ and phosphorylates polyserine stretches devoid of the canonical consensus. FEBS Journal, 2018, 285, 4674-4683.	4.7	10

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19	Developmental phosphoproteomics identifies the kinase CK2 as a driver of Hedgehog signaling and a therapeutic target in medulloblastoma. Science Signaling, 2018, 11, .	3.6	59
20	The importance of negative determinants as modulators of CK2 targeting. The lesson of Akt2 S131. PLoS ONE, 2018, 13, e0193479.	2.5	1
21	Under-expression of CK2Î² subunit in ccRCC represents a complementary biomarker of p-STAT3 Ser727 that correlates with patient survival. Oncotarget, 2018, 9, 5736-5751.	1.8	11
22	Protein kinase CK2 modulates HSJ1 function through phosphorylation of the UIM2 domain. Human Molecular Genetics, 2017, 26, ddw420.	2.9	8
23	From phosphoproteins to phosphoproteomes: a historical account. FEBS Journal, 2017, 284, 1936-1951.	4.7	26
24	Generation and quantitative proteomics analysis of CK2Î±/Î±â€™(â^’/â^’) cells. Scientific Reports, 2017, 7, 42409.	3.3	38
25	Fam20C is under the control of sphingolipid signaling in human cell lines. FEBS Journal, 2017, 284, 1246-1257.	4.7	10
26	Exploring the CK2 Paradox: Restless, Dangerous, Dispensable. Pharmaceuticals, 2017, 10, 11.	3.8	36
27	Targeting Protein Kinase CK2: Evaluating CX-4945 Potential for GL261 Glioblastoma Therapy in Immunocompetent Mice. Pharmaceuticals, 2017, 10, 24.	3.8	30
28	An Updated View on an Emerging Target: Selected Papers from the 8th International Conference on Protein Kinase CK2. Pharmaceuticals, 2017, 10, 33.	3.8	1
29	Casein kinases as potential therapeutic targets. Expert Opinion on Therapeutic Targets, 2016, 20, 319-340.	3.4	72
30	Inhibition of protein kinase CK2 by CX-5011 counteracts imatinib-resistance preventing rpS6 phosphorylation in chronic myeloid leukaemia cells: new combined therapeutic strategies. Oncotarget, 2016, 7, 18204-18218.	1.8	19
31	Different Persistence of the Cellular Effects Promoted by Protein Kinase CK2 Inhibitors CX-4945 and TDB. BioMed Research International, 2015, 2015, 1-9.	1.9	11
32	The Selectivity of CK2 Inhibitor Quinalizarin: A Reevaluation. BioMed Research International, 2015, 2015, 1-9.	1.9	21
33	Design, validation and efficacy of bisubstrate inhibitors specifically affecting ecto-CK2 kinase activity. Biochemical Journal, 2015, 471, 415-430.	3.7	29
34	A chemogenomic screening identifies CK2 as a target for pro-senescence therapy in PTEN-deficient tumours. Nature Communications, 2015, 6, 7227.	12.8	37
35	A Single Kinase Generates the Majority of the Secreted Phosphoproteome. Cell, 2015, 161, 1619-1632.	28.9	264
36	The generation of phosphoserine stretches in phosphoproteins: mechanism and significance. Molecular BioSystems, 2015, 11, 2666-2679.	2.9	27

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37	Casein kinase 2 (CK2) phosphorylates the deubiquitylase OTUB1 at Ser ¹⁶ to trigger its nuclear localization. Science Signaling, 2015, 8, ra35.	3.6	54
38	Protein kinase CK2 potentiates translation efficiency by phosphorylating eIF3j at Ser127. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 1693-1701.	4.1	13
39	Proteomics perturbations promoted by the protein kinase CK2 inhibitor quinalizarin. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2015, 1854, 1676-1686.	2.3	13
40	Chimeric peptides as modulators of CK2-dependent signaling: Mechanism of action and off-target effects. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2015, 1854, 1694-1707.	2.3	14
41	A new role for sphingosine: Up-regulation of Fam20C, the genuine casein kinase that phosphorylates secreted proteins. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2015, 1854, 1718-1726.	2.3	14
42	A Comparative Analysis and Review of lysyl Residues Affected by Posttranslational Modifications. Current Genomics, 2015, 16, 128-138.	1.6	12
43	A â€œSYDEâ€•effect of hierarchical phosphorylation: possible relevance to the cystic fibrosis basic defect. Cellular and Molecular Life Sciences, 2014, 71, 2193-2196.	5.4	7
44	Cell-permeable dual inhibitors of protein kinases CK2 and PIM-1: structural features and pharmacological potential. Cellular and Molecular Life Sciences, 2014, 71, 3173-3185.	5.4	45
45	Restoration of CFTR function in patients with cystic fibrosis carrying the F508del-CFTR mutation. Autophagy, 2014, 10, 2053-2074.	9.1	135
46	Casein kinase: the triple meaning of a misnomer. Biochemical Journal, 2014, 460, 141-156.	3.7	102
47	CK2 involvement in ESCRT-III complex phosphorylation. Archives of Biochemistry and Biophysics, 2014, 545, 83-91.	3.0	13
48	Differential phosphorylation of Akt1 and Akt2 by protein kinase CK2 may account for isoform specific functions. Biochimica Et Biophysica Acta - Molecular Cell Research, 2014, 1843, 1865-1874.	4.1	27
49	Synthesis and Properties of a Selective Inhibitor of Homeodomainâ€“Interacting Protein Kinase 2 (HIPK2). PLoS ONE, 2014, 9, e89176.	2.5	23
50	Identification of the PLK2-Dependent Phosphopeptidome by Quantitative Proteomics. PLoS ONE, 2014, 9, e111018.	2.5	9
51	Aberrant signalling by protein kinase CK2 in imatinibâ€•resistant chronic myeloid leukaemia cells: Biochemical evidence and therapeutic perspectives. Molecular Oncology, 2013, 7, 1103-1115.	4.6	33
52	Inhibition of protein kinase CK2 with the clinical-grade small ATP-competitive compound CX-4945 or by RNA interference unveils its role in acute myeloid leukemia cell survival, p53-dependent apoptosis and daunorubicin-induced cytotoxicity. Journal of Hematology and Oncology, 2013, 6, 78.	17.0	46
53	Phosphorylation of cystic fibrosis transmembrane conductance regulator (CFTR) serine-511 by the combined action of tyrosine kinases and CK2: the implication of tyrosine-512 and phenylalanine-508. Amino Acids, 2013, 45, 1423-1429.	2.7	16
54	CFTR mutations altering CFTR fragmentation. Biochemical Journal, 2013, 449, 295-305.	3.7	13

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55	Exploiting the repertoire of CK2 inhibitors to target DYRK and PIM kinases. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2013, 1834, 1402-1409.	2.3	21
56	Secreted protein kinases. Trends in Biochemical Sciences, 2013, 38, 121-130.	7.5	114
57	Detection of Phospho-Sites Generated by Protein Kinase CK2 in CFTR: Mechanistic Aspects of Thr1471 Phosphorylation. PLoS ONE, 2013, 8, e74232.	2.5	32
58	Inhibition of Protein Kinase CK2 by Flavonoids and Tyrphostins. A Structural Insight. Biochemistry, 2012, 51, 6097-6107.	2.5	127
59	Protein kinase CK2 inhibitors: a patent review. Expert Opinion on Therapeutic Patents, 2012, 22, 1081-1097.	5.0	67
60	Superiority of PLK-2 as Î±-synuclein phosphorylating agent relies on unique specificity determinants. Biochemical and Biophysical Research Communications, 2012, 418, 156-160.	2.1	26
61	Nanoencapsulated anti-CK2 small molecule drug or siRNA specifically targets malignant cancer but not benign cells. Cancer Letters, 2012, 315, 48-58.	7.2	37
62	Effects of the CK2 Inhibitors CX-4945 and CX-5011 on Drug-Resistant Cells. PLoS ONE, 2012, 7, e49193.	2.5	51
63	Structural Determinants of Protein Kinase CK2 Regulation by Autoinhibitory Polymerization. ACS Chemical Biology, 2012, 7, 1158-1163.	3.4	58
64	Structural features underlying the selectivity of the kinase inhibitors NBC and dNBC: role of a nitro group that discriminates between CK2 and DYRK1A. Cellular and Molecular Life Sciences, 2012, 69, 449-460.	5.4	28
65	Unprecedented Selectivity and Structural Determinants of a New Class of Protein Kinase CK2 Inhibitors in Clinical Trials for the Treatment of Cancer. Biochemistry, 2011, 50, 8478-8488.	2.5	154
66	Protein kinase CK2 accumulation in â€œoncophilicâ€•cells: causes and effects. Molecular and Cellular Biochemistry, 2011, 356, 5-10.	3.1	21
67	The p23 co-chaperone protein is a novel substrate of CK2 in Arabidopsis. Molecular and Cellular Biochemistry, 2011, 356, 245-254.	3.1	10
68	Understanding protein kinase CK2 mis-regulation upon F508del CFTR expression. Naunyn-Schmiedeberg's Archives of Pharmacology, 2011, 384, 473-488.	3.0	13
69	Urolithin as a Converging Scaffold Linking Ellagic acid and Coumarin Analogues: Design of Potent Protein Kinase CK2 Inhibitors. ChemMedChem, 2011, 6, 2273-2286.	3.2	47
70	Cystic fibrosis transmembrane regulator fragments with the Phe508 deletion exert a dual allosteric control over the master kinase CK2. Biochemical Journal, 2010, 426, 19-29.	3.7	22
71	Motif Analysis of Phosphosites Discloses a Potential Prominent Role of the Golgi Casein Kinase (GCK) in the Generation of Human Plasma Phospho-Proteome. Journal of Proteome Research, 2010, 9, 3335-3338.	3.7	39
72	Isoform specific phosphorylation of p53 by protein kinase CK1. Cellular and Molecular Life Sciences, 2010, 67, 1105-1118.	5.4	34

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73	The pleiotropic protein kinase CK2 phosphorylates HTLV-1 Tax protein in vitro, targeting its PDZ-binding motif. Virus Genes, 2010, 41, 149-157.	1.6	26
74	Golgi apparatus casein kinase phosphorylates bioactive Serâ€6 of bone morphogenetic protein 15 and growth and differentiation factor 9. FEBS Letters, 2010, 584, 801-805.	2.8	24
75	Addiction to protein kinase CK2: A common denominator of diverse cancer cells?. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2010, 1804, 499-504.	2.3	292
76	Variable contribution of protein kinases to the generation of the human phosphoproteome: a global weblogo analysis. Biomolecular Concepts, 2010, 1, 185-195.	2.2	20
77	Assessment of CK2 Constitutive Activity in Cancer Cells. Methods in Enzymology, 2010, 484, 495-514.	1.0	36
78	Extraordinary pleiotropy of protein kinase CK2 revealed by weblogo phosphoproteome analysis. Biochimica Et Biophysica Acta - Molecular Cell Research, 2009, 1793, 847-859.	4.1	160
79	Dephosphorylation and inactivation of Akt/PKB is counteracted by protein kinase CK2 in HEK 293T cells. Cellular and Molecular Life Sciences, 2009, 66, 3363-3373.	5.4	59
80	Protein Kinase CK2 in Health and Disease. Cellular and Molecular Life Sciences, 2009, 66, 1795-1799.	5.4	63
81	Tetraiodobenzimidazoles are potent inhibitors of protein kinase CK2. Bioorganic and Medicinal Chemistry, 2009, 17, 7281-7289.	3.0	59
82	Programmed cell death protein 5 (PDCD5) is phosphorylated by CK2 in vitro and in 293T cells. Biochemical and Biophysical Research Communications, 2009, 387, 606-610.	2.1	28
83	Quinalizarin as a potent, selective and cell-permeable inhibitor of protein kinase CK2. Biochemical Journal, 2009, 421, 387-395.	3.7	140
84	Comparative analysis of CK2 expression and function in tumor cell lines displaying sensitivity vs. resistance to chemical induced apoptosis. Molecular and Cellular Biochemistry, 2008, 316, 155-161.	3.1	29
85	A structural insight into CK2 inhibition. Molecular and Cellular Biochemistry, 2008, 316, 57-62.	3.1	43
86	Identification of novel protein kinase CK1 delta (CK1Î´) inhibitors through structure-based virtual screening. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 5672-5675.	2.2	39
87	Structural features underlying selective inhibition of protein kinase CK2 by ATP site-directed tetrabromo-2-benzotriazole. Protein Science, 2008, 10, 2200-2206.	7.6	130
88	Phosphorylation of the Saccharomycesâ€ƒcerevisiae Grx4p glutaredoxin by the Bud32p kinase unveils a novel signaling pathway involving Sch9p, a yeast member of the Aktâ€Š/â€ŠPKB subfamily. FEBS Journal, 2008, 275, 5919-5933.	4.7	17
89	Coumarin as Attractive Casein Kinase 2 (CK2) Inhibitor Scaffold: An Integrate Approach To Elucidate the Putative Binding Motif and Explain Structureâ€“Activity Relationships. Journal of Medicinal Chemistry, 2008, 51, 752-759.	6.4	123
90	Protein kinase CK2 as a druggable target. Molecular BioSystems, 2008, 4, 889.	2.9	106

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91	The selectivity of inhibitors of protein kinase CK2: an update. Biochemical Journal, 2008, 415, 353-365.	3.7	214
92	Modulation of Protein Kinase CK2 Activity by Fragments of CFTR Encompassing F508 May Reflect Functional Links with Cystic Fibrosis Pathogenesis. Biochemistry, 2008, 47, 7925-7936.	2.5	39
93	The Regulatory Î² Subunit of Protein Kinase CK2 Contributes to the Recognition of the Substrate Consensus Sequence. A Study with an eIF2Î²-Derived Peptide. Biochemistry, 2008, 47, 8317-8325.	2.5	40
94	Mass Spectrometry Analysis of a Protein Kinase CK2Î² Subunit Interactome Isolated from Mouse Brain by Affinity Chromatography. Journal of Proteome Research, 2008, 7, 990-1000.	3.7	33
95	Chemical Dissection of the APC Repeat 3 Multistep Phosphorylation by the Concerted Action of Protein Kinases CK1 and GSK3. Biochemistry, 2007, 46, 11902-11910.	2.5	38
96	Heterogeneity of CK2 phosphorylation sites in the NS5A protein of different hepatitis C virus genotypes. Journal of Hepatology, 2007, 47, 768-776.	3.7	15
97	Tetrabromocinnamic Acid (TBCA) and Related Compounds Represent a New Class of Specific Protein Kinase CK2 Inhibitors. ChemBioChem, 2007, 8, 129-139.	2.6	109
98	The ATPâ€Binding Site of Protein Kinase CK2 Holds a Positive Electrostatic Area and Conserved Water Molecules. ChemBioChem, 2007, 8, 1804-1809.	2.6	98
99	Phosphorylation and activation of the atypical kinase p53-related protein kinase (PRPK) by Akt/PKB. Cellular and Molecular Life Sciences, 2007, 64, 2680-2689.	5.4	23
100	Identification of Ellagic Acid as Potent Inhibitor of Protein Kinase CK2:Â A Successful Example of a Virtual Screening Application. Journal of Medicinal Chemistry, 2006, 49, 2363-2366.	6.4	134
101	Spatial Conformation and Topography of the Tyrosine Aromatic Ring in Substrate Recognition by Protein Tyrosine Kinases. Journal of Medicinal Chemistry, 2006, 49, 1916-1924.	6.4	10
102	Discrimination between the activity of protein kinase CK2 holoenzyme and its catalytic subunits. FEBS Letters, 2006, 580, 3948-3952.	2.8	42
103	Sic1 is phosphorylated by CK2 on Ser201 in budding yeast cells. Biochemical and Biophysical Research Communications, 2006, 346, 786-793.	2.1	24
104	Multiple myeloma cell survival relies on high activity of protein kinase CK2. Blood, 2006, 108, 1698-1707.	1.4	123
105	Chemical derivatization of phosphoserine and phosphothreonine containing peptides to increase sensitivity for MALDI-based analysis and for selectivity of MS/MS analysis. Proteomics, 2006, 6, 757-766.	2.2	61
106	1954â€2006: the long march of protein kinase CK2. FASEB Journal, 2006, 20, A499.	0.5	0
107	Aurora-A site specificity: a study with synthetic peptide substrates. Biochemical Journal, 2005, 390, 293-302.	3.7	106
108	Generation of protein kinase Ck1Î± mutants which discriminate between canonical and non-canonical substrates. Biochemical Journal, 2005, 391, 417-424.	3.7	29

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109	Inspecting the Structure-Activity Relationship of Protein Kinase CK2 Inhibitors Derived from Tetrabromo-Benzimidazole. Chemistry and Biology, 2005, 12, 1211-1219.	6.0	108
110	Features and potentials of ATP-site directed CK2 inhibitors. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2005, 1754, 263-270.	2.3	69
111	Extracellular phosphorylation of C9 by protein kinase CK2 regulates complement-mediated lysis. European Journal of Immunology, 2005, 35, 1939-1948.	2.9	36
112	Development and exploitation of CK2 inhibitors. Molecular and Cellular Biochemistry, 2005, 274, 69-76.	3.1	87
113	Cross talk between protein kinase CK2 and eukaryotic translation initiation factor eIF2Î² subunit. Molecular and Cellular Biochemistry, 2005, 274, 53-61.	3.1	6
114	Autophosphorylation at the regulatory Î² subunit reflects the supramolecular organization of protein kinase CK2. Molecular and Cellular Biochemistry, 2005, 274, 23-29.	3.1	37
115	CK2 regulates in vitro the activity of the yeast cyclin-dependent kinase inhibitor Sic1. Biochemical and Biophysical Research Communications, 2005, 336, 1040-1048.	2.1	15
116	Involvement of Protein Kinase CK2 in Angiogenesis and Retinal Neovascularization. , 2004, 45, 4583.		73
117	Phosphorylation by Protein Kinase CK2 Changes the DNA Binding Properties of the Human Chromatin Protein DEK. Molecular and Cellular Biology, 2004, 24, 6011-6020.	2.3	92
118	Phosphorylation of Calmodulin Fragments by Protein Kinase CK2. Mechanistic Aspects and Structural Consequences. Biochemistry, 2004, 43, 12788-12798.	2.5	31
119	Optimization of Protein Kinase CK2 Inhibitors Derived from 4,5,6,7-Tetrabromobenzimidazole. Journal of Medicinal Chemistry, 2004, 47, 6239-6247.	6.4	168
120	Protein kinase CK2 phosphorylates the cell cycle regulatory protein Geminin. Biochemical and Biophysical Research Communications, 2004, 315, 1011-1017.	2.1	23
121	2-Dimethylamino-4,5,6,7-tetrabromo-1H-benzimidazole: a novel powerful and selective inhibitor of protein kinase CK2. Biochemical and Biophysical Research Communications, 2004, 321, 1040-1044.	2.1	172
122	Protein kinase CK2 phosphorylates BAD at threonine-117. Neurochemistry International, 2004, 45, 747-752.	3.8	27
123	The Protein Kinase CK2 Facilitates Repair of Chromosomal DNA Single-Strand Breaks. Cell, 2004, 117, 17-28.	28.9	302
124	Inhibition of Protein Kinase CK2 by Condensed Polyphenolic Derivatives. An in Vitro and in Vivo Study. Biochemistry, 2004, 43, 12931-12936.	2.5	87
125	Analysis of the interaction between piD261/Bud32, an evolutionarily conserved protein kinase of Saccharomyces cerevisiae, and the Grx4 glutaredoxin. Biochemical Journal, 2004, 377, 395-405.	3.7	60
126	Multiple Myeloma Cells Survival and Proliferation Rely on High Levels and Activity of the Serine-Threonine Kinase CK2.. Blood, 2004, 104, 643-643.	1.4	2

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127	Conformational constraints of tyrosine in protein tyrosine kinase substrates: Information about preferred bioactive side-chain orientation. Biopolymers, 2003, 71, 478-488.	2.4	10
128	The Raison D'ÃŠtre of Constitutively Active Protein Kinases:â€‰ The Lesson of CK2. Accounts of Chemical Research, 2003, 36, 378-384.	15.6	100
129	Functional homology between yeast piD261/Bud32 and human PRPK: both phosphorylate p53 and PRPK partially complements piD261/Bud32 deficiency. FEBS Letters, 2003, 549, 63-66.	2.8	34
130	Oneâ€thousandâ€andâ€one substrates of protein kinase CK2?. FASEB Journal, 2003, 17, 349-368.	0.5	1,214
131	Biochemical and three-dimensional-structural study of the specific inhibition of protein kinase CK2 by [5-oxo-5,6-dihydroindolo-(1,2-a)quinazolin-7-yl]acetic acid (IQA). Biochemical Journal, 2003, 374, 639-646.	3.7	145
132	A noncanonical sequence phosphorylated by casein kinase 1 in Â-catenin may play a role in casein kinase 1 targeting of important signaling proteins. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 10193-10200.	7.1	127
133	Inhibition of Protein Kinase CK2 by Anthraquinone-related Compounds. Journal of Biological Chemistry, 2003, 278, 1831-1836.	3.4	75
134	Tyrosine phosphorylation of protein kinase CK2 by Src-related tyrosine kinases correlates with increased catalytic activity. Biochemical Journal, 2003, 372, 841-849.	3.7	56
135	Eukaryotic translation-initiation factor eIF2Î² binds to protein kinase CK2: effects on CK2Î± activity. Biochemical Journal, 2003, 375, 623-631.	3.7	32
136	Multiple phosphorylation of Î±â€synuclein by protein tyrosine kinase Syk prevents eosinâ€induced aggregation. FASEB Journal, 2002, 16, 1-22.	0.5	99
137	Structureâ€“function analysis of yeast piD261/Bud32, an atypical protein kinase essential for normal cell life. Biochemical Journal, 2002, 364, 457-463.	3.7	40
138	Protein kinase CK2 inhibitor 4,5,6,7-tetrabromobenzotriazole (TBB) induces apoptosis and caspase-dependent degradation of haematopoietic lineage cell-specific protein 1 (HS1) in Jurkat cells. Biochemical Journal, 2002, 364, 41-47.	3.7	212
139	Protein kinase CK2: a challenge to canons. Journal of Cell Science, 2002, 115, 3873-3878.	2.0	430
140	Unique Activation Mechanism of Protein Kinase CK2. Journal of Biological Chemistry, 2002, 277, 22509-22514.	3.4	72
141	Acidophilic character of yeast PID261/BUD32, a putative ancestor of eukaryotic protein kinases. Biochemical and Biophysical Research Communications, 2002, 296, 1366-1371.	2.1	15
142	Specific monitoring of Syk protein kinase activity by peptide substrates including constrained analogs of tyrosine. FEBS Letters, 2002, 523, 48-52.	2.8	11
143	CK2-dependent phosphorylation of the E2 ubiquitin conjugating enzyme UBC3B induces its interaction with Î²-TrCP and enhances Î²-catenin degradation. Oncogene, 2002, 21, 3978-3987.	5.9	50
144	Selectivity of 4,5,6,7-tetrabromobenzotriazole, an ATP site-directed inhibitor of protein kinase CK2 (â€˜casein kinase-2â€™). FEBS Letters, 2001, 496, 44-48.	2.8	316

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145	Autocatalytic tyrosine-phosphorylation of protein kinase CK2 Î± and Î±â€² subunits: implication of Tyr182. Biochemical Journal, 2001, 357, 563-567.	3.7	36
146	Novel consensus sequence for the Golgi apparatus casein kinase, revealed using proline-rich protein-1 (PRP1)-derived peptide substrates. Biochemical Journal, 2000, 351, 765-768.	3.7	42
147	Ser/Thr phosphorylation of hematopoietic specific protein 1 (HS1). FEBS Journal, 2000, 267, 3065-3072.	0.2	18
148	The crystal structure of the complex of Zea maysÎ± subunit with a fragment of human Î² subunit provides the clue to the architecture of protein kinase CK2 holoenzyme. FEBS Journal, 2000, 267, 5184-5190.	0.2	34
149	The Replacement of ATP by the Competitive Inhibitor Emodin Induces Conformational Modifications in the Catalytic Site of Protein Kinase CK2. Journal of Biological Chemistry, 2000, 275, 29618-29622.	3.4	136
150	Susceptibility of the Prion Protein to Enzymic Phosphorylation. Biochemical and Biophysical Research Communications, 2000, 271, 337-341.	2.1	31
151	GRP94 (endoplasmin) co-purifies with and is phosphorylated by Golgi apparatus casein kinase. FEBS Letters, 2000, 471, 151-155.	2.8	45
152	Unique features of HIV-1 Rev protein phosphorylation by protein kinase CK2 (â€˜casein kinase-2â€™). FEBS Letters, 2000, 481, 63-67.	2.8	47
153	Synthesis and biological activities of cyclic lactam peptides as substrates for non-receptors PTKs. International Journal of Peptide Research and Therapeutics, 1999, 6, 117-121.	0.1	0
154	Synthesis and biological activities of cyclic lactam peptides as substrates for non-receptors PTKs. International Journal of Peptide Research and Therapeutics, 1999, 6, 117-121.	0.1	1
155	Hematopoietic lineage cell specific protein 1 associates with and down-regulates protein kinase CK2. FEBS Letters, 1999, 461, 32-36.	2.8	27
156	Structural Features Underlying the Unusual Mode of Calmodulin Phosphorylation by Protein Kinase CK2: A Study with Synthetic Calmodulin Fragments. Biochemical and Biophysical Research Communications, 1999, 256, 442-446.	2.1	34
157	Linear and cyclic peptides as substrates for Lyn tyrosine kinase. , 1998, 4, 33-45.		2
158	Protein Kinase CK2Î±â€² Is Induced by Serum as a Delayed Early Gene and Cooperates with Ha-ras in Fibroblast Transformation. Journal of Biological Chemistry, 1998, 273, 21291-21297.	3.4	115
159	Protein kinase CK2 (â€œcasein kinase-2â€) and its implication in cell division and proliferation. , 1997, 3, 77-97.		308
160	Mutational Analysis of Residues Implicated in the Interaction between Protein Kinase CK2 and Peptide Substratesâ€. Biochemistry, 1997, 36, 11717-11724.	2.5	54
161	Phosphorylation of Osteopontin by Golgi Apparatus Casein Kinase. Biochemical and Biophysical Research Communications, 1997, 240, 602-605.	2.1	70
162	Biochemical evidence thatSaccharomyces cerevisiae YGR262cgene, required for normal growth, encodes a novel Ser/Thr-specific protein kinase. FEBS Letters, 1997, 414, 171-175.	2.8	37

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