Luca Cesaro

List of Publications by Year
in descending order

70 papers	2,707 citations	186265 28 h-index	197818 49 g-index
72 all docs	72 docs citations	72 times ranked	3580 citing authors

#	Article	IF	Citations
1	Different Susceptibility of Protein Kinases to Staurosporine Inhibition. Kinetic Studies and Molecular Bases for the Resistance of Protein Kinase CK2. FEBS Journal, 1995, 234, 317-322.	0.2	257
2	Chronic lymphocytic leukemia B cells contain anomalous Lyn tyrosine kinase, a putative contribution to defective apoptosis. Journal of Clinical Investigation, 2005, 115, 369-378.	8.2	192
3	Optimization of Protein Kinase CK2 Inhibitors Derived from 4,5,6,7-Tetrabromobenzimidazole. Journal of Medicinal Chemistry, 2004, 47, 6239-6247.	6.4	168
4	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
5	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
6	Inhibition of Protein Kinase CK2 by Flavonoids and Tyrphostins. A Structural Insight. Biochemistry, 2012, 51, 6097-6107.	2.5	127
7	Chronic lymphocytic leukemia B cells contain anomalous Lyn tyrosine kinase, a putative contribution to defective apoptosis. Journal of Clinical Investigation, 2005, 115, 369-378.	8.2	117
8	Milk-derived bioactive peptides exhibit antioxidant activity through the Keap1-Nrf2 signaling pathway. Journal of Functional Foods, 2020, 64, 103696.	3.4	108
9	Protein kinase CK2: a newcomer in the â€˜druggable kinomeâ€™. Biochemical Society Transactions, 2006, 34, 1303-1306.	3.4	72
10	Tyrosine Versus Serine/Threonine Phosphorylation by Protein Kinase Casein Kinase-2. Journal of Biological Chemistry, 1999, 274, 29260-29265.	3.4	60
11	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
12	Identification of new tyrosine phosphorylated proteins in rat brain mitochondria. FEBS Letters, 2008, 582, 1104-1110.	2.8	54
13	Unique Substrate Specificity of Anaplastic Lymphoma Kinase (ALK):â€‰ Development of Phosphoacceptor Peptides for the Assay of ALK Activity. Biochemistry, 2005, 44, 8533-8542.	2.5	53
14	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
15	Argininosuccinate lyase deficiency: mutational spectrum in Italian patients and identification of a novelASLpseudogene. Human Mutation, 2007, 28, 694-702.	2.5	46
16	Isolation from Spleen of a 57-kDa Protein Substrate of the Tyrosine Kinase Lyn. Identification as a Protein Related to Protein Disulfide-Isomerase and Localisation of the Phosphorylation Sites. FEBS Journal, 1996, 235, 18-25.	0.2	42
17	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
18	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

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19	Quantitative analysis of a phosphoproteome readily altered by the protein kinase CK2 inhibitor quinalizarin in HEK-293T cells. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2015, 1854, 609-623.	2.3	37
20	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
21	Exploring the CK2 Paradox: Restless, Dangerous, Dispensable. Pharmaceuticals, 2017, 10, 11.	3.8	36
22	Spontaneous Autophosphorylation of Lyn Tyrosine Kinase at both Its Activation Segment and C-Terminal Tail Confers Altered Substrate Specificityâ€,â€¡. Biochemistry, 1998, 37, 1438-1446.	2.5	34
23	Distribution of protein disulphide isomerase in rat liver mitochondria. Biochemical Journal, 2001, 356, 567.	3.7	34
24	Spleen protein tyrosine kinases TPK-IIB and CSK display different immunoreactivity and opposite specificities toward c-src-derived peptides. FEBS Letters, 1992, 313, 291-294.	2.8	33
25	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
26	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
27	Autocatalytic tyrosine-phosphorylation of protein kinase CK2 Î± and Î±â€² subunits: implication of Tyr182. Biochemical Journal, 2001, 357, 563.	3.7	30
28	Expression, purification, and inhibition of human RET tyrosine kinase. Protein Expression and Purification, 2005, 41, 177-185.	1.3	30
29	Functional Complementation in Yeast Allows Molecular Characterization of Missense Argininosuccinate Lyase Mutations. Journal of Biological Chemistry, 2009, 284, 28926-28934.	3.4	30
30	Generation of protein kinase Ck1Î± mutants which discriminate between canonical and non-canonical substrates. Biochemical Journal, 2005, 391, 417-424.	3.7	29
31	The generation of phosphoserine stretches in phosphoproteins: mechanism and significance. Molecular BioSystems, 2015, 11, 2666-2679.	2.9	27
32	A Journey through the Cytoskeleton with Protein Kinase CK2. Current Protein and Peptide Science, 2019, 20, 547-562.	1.4	27
33	From phosphoproteins to phosphoproteomes: a historical account. FEBS Journal, 2017, 284, 1936-1951.	4.7	26
34	Phosphorylated residues as specificity determinants for an acidophilic protein tyrosine kinase. FEBS Letters, 1993, 330, 141-145.	2.8	24
35	CK2 modulates adipocyte insulin-signaling and is up-regulated in human obesity. Scientific Reports, 2017, 7, 17569.	3.3	24
36	4-Fluoroproline derivative peptides: effect on PPII conformation and SH3 affinity. Journal of Peptide Science, 2006, 12, 462-471.	1.4	21

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37	Protein kinase CK2 accumulation in â€œoncophilicâ€•cells: causes and effects. Molecular and Cellular Biochemistry, 2011, 356, 5-10.	3.1	21
38	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
39	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
40	A multifunctional network of basic residues confers unique properties to protein kinase CK2. Molecular and Cellular Biochemistry, 1999, 191, 13-19.	3.1	19
41	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
42	Isolation, purification, and characterization of a rat liver mitochondrial protein disulfide isomerase. Free Radical Biology and Medicine, 2000, 28, 266-272.	2.9	18
43	A Comparative study of the Phosphotyrosyl Phosphatase Specificity of Protein Phosphatase Type 2A and Phosphotyrosyl Phosphatase Type 1B Using Phosphopeptides and the Phosphoproteins p50/HS1, c-Fgr and Lyn. FEBS Journal, 1996, 236, 548-557.	0.2	17
44	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
45	Mitochondrial tyrosine phosphoproteome: New insights from an upâ€toâ€date analysis. BioFactors, 2010, 36, 437-450.	5.4	15
46	Comparing the efficacy and selectivity of Ck2 inhibitors. A phosphoproteomics approach. European Journal of Medicinal Chemistry, 2021, 214, 113217.	5.5	15
47	An Exploration of the Effects of Constraints on the Phosphorylation of Synthetic Protein Tyrosine Kinase Peptide Substrates. Journal of Peptide Science, 1996, 2, 325-338.	1.4	14
48	Recognition of lysineâ€rich peptide ligands by murine cortactin SH3 domain: CD, ITC, and NMR studies. Biopolymers, 2010, 94, 298-306.	2.4	14
49	Inhibition of thioredoxin reductase by lanthanum chloride. Journal of Inorganic Biochemistry, 2012, 117, 18-24.	3.5	14
50	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
51	Fyn specifically Regulates the activity of red cell glucose-6-phosphate-dehydrogenase. Redox Biology, 2020, 36, 101639.	9.0	14
52	Linear and cyclic synthetic peptides related to the main autophosphorylation site of the Src tyrosine kinases as substrates and inhibitors of Lyn ^{â€}. International Journal of Peptide and Protein Research, 1995, 45, 529-539.	0.1	13
53	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
54	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

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55	A Comparative Analysis and Review of lysyl Residues Affected by Posttranslational Modifications. Current Genomics, 2015, 16, 128-138.	1.6	12
56	Specific monitoring of Syk protein kinase activity by peptide substrates including constrained analogs of tyrosine. FEBS Letters, 2002, 523, 48-52.	2.8	11
57	Conformational constraints of tyrosine in protein tyrosine kinase substrates: Information about preferred bioactive side-chain orientation. Biopolymers, 2003, 71, 478-488.	2.4	10
58	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
59	The SH3 domain of HS1 protein recognizes lysine-rich polyproline motifs. Amino Acids, 2012, 42, 1361-1370.	2.7	10
60	Generation of mutants of CK2Î± which are dependent on the Î²-subunit for catalytic activity. Molecular and Cellular Biochemistry, 2001, 227, 13-19.	3.1	9
61	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
62	Identification of the PLK2-Dependent Phosphopeptidome by Quantitative Proteomics. PLoS ONE, 2014, 9, e111018.	2.5	9
63	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
64	Synthetic Tyrâ€phospho and nonâ€hydrolyzable phosphonopeptides as PTKs and TCâ€PTP inhibitors*. International Journal of Peptide and Protein Research, 1995, 46, 535-546.	0.1	5
65	Chapter 7 Analysis of Tyrosineâ€Phosphorylated Proteins in Rat Brain Mitochondria. Methods in Enzymology, 2009, 457, 117-136.	1.0	3
66	Linear and cyclic peptides as substrates for Lyn tyrosine kinase. , 1998, 4, 33-45.		2
67	Effect of 4-Fluoro-L-proline on the SH3 Binding Affinity. Advances in Experimental Medicine and Biology, 2009, 611, 499-500.	1.6	1
68	A multifunctional network of basic residues confers unique properties to protein kinase CK2. , 1999, , 13-19.		1
69	Introduction of N-alkyl Residues in Proline-rich Peptides: Effect on SH3 Binding Affinity and Peptide Conformation. Advances in Experimental Medicine and Biology, 2009, 611, 65-66.	1.6	0
70	Dissecting the Role of K61/K59 Residue in VPS4 Functions. Protein and Peptide Letters, 2016, 23, 518-524.	0.9	0