

Arthur M Edelman

List of Publications by Year in descending order

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27
papers

3,300
citations

394421

19
h-index

642732

23
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27
all docs

27
docs citations

27
times ranked

3888
citing authors

#	ARTICLE	IF	CITATIONS
1	Calmodulin-dependent protein kinase kinase ¹² is an alternative upstream kinase for AMP-activated protein kinase. <i>Cell Metabolism</i> , 2005, 2, 9-19.	16.2	1,397
2	5â€²-AMP Activates the AMP-activated Protein Kinase Cascade, and Ca ²⁺ /Calmodulin Activates the Calmodulin-dependent Protein Kinase I Cascade, via Three Independent Mechanisms. <i>Journal of Biological Chemistry</i> , 1995, 270, 27186-27191.	3.4	385
3	Similar substrate recognition motifs for mammalian AMP-activated protein kinase, higher plant HMG-CoA reductase kinase-A, yeast SNF1, and mammalian calmodulin-dependent protein kinase I. <i>FEBS Letters</i> , 1995, 361, 191-195.	2.8	294
4	Components of a Calmodulin-dependent Protein Kinase Cascade. <i>Journal of Biological Chemistry</i> , 1998, 273, 31880-31889.	3.4	235
5	Phosphorylation and Activation of Ca ²⁺ -Calmodulin-dependent Protein Kinase IV by Ca ²⁺ -Calmodulin-dependent Protein Kinase Ia Kinase. <i>Journal of Biological Chemistry</i> , 1995, 270, 17616-17621.	3.4	124
6	Definition of Optimal Substrate Recognition Motifs of Ca ²⁺ -Calmodulin-dependent Protein Kinases IV and II Reveals Shared and Distinctive Features. <i>Journal of Biological Chemistry</i> , 1998, 273, 3166-3172.	3.4	124
7	Amino acid sequence of an active fragment of rabbit skeletal muscle myosin light chain kinase. <i>Biochemistry</i> , 1985, 24, 6028-6037.	2.5	115
8	CaMKK is an upstream signal of AMP-activated protein kinase in regulation of substrate metabolism in contracting skeletal muscle. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009, 297, R1724-R1732.	1.8	90
9	Multiple Ca ²⁺ -Calmodulin-dependent Protein Kinase Kinases from Rat Brain. <i>Journal of Biological Chemistry</i> , 1996, 271, 10806-10810.	3.4	85
10	Akt activation by Ca ²⁺ /calmodulin-dependent protein kinase kinase 2 (CaMKK2) in ovarian cancer cells. <i>Journal of Biological Chemistry</i> , 2017, 292, 14188-14204.	3.4	81
11	A Regulatory Feedback Loop Between Ca ²⁺ /Calmodulin-dependent Protein Kinase Kinase 2 (CaMKK2) and the Androgen Receptor in Prostate Cancer Progression. <i>Journal of Biological Chemistry</i> , 2012, 287, 24832-24843.	3.4	65
12	Phosphorylation of skeletal muscle myosin light chain kinase by the catalytic subunit of cAMP-dependent protein kinase. <i>FEBS Letters</i> , 1982, 138, 293-298.	2.8	45
13	Activation of a Calcium-Calmodulin-dependent Protein Kinase I Cascade in PC12 Cells. <i>Journal of Biological Chemistry</i> , 1996, 271, 20930-20934.	3.4	37
14	Catalytic and Regulatory Domains of Doublecortin Kinase-1. <i>Biochemistry</i> , 2003, 42, 2185-2194.	2.5	34
15	Myosin light chain kinase is expressed in neurons and glia: immunoblotting and immunocytochemical studies. <i>Molecular Brain Research</i> , 1992, 14, 27-34.	2.3	30
16	Doublecortin Kinase-2, a Novel Doublecortin-related Protein Kinase Associated with Terminal Segments of Axons and Dendrites. <i>Journal of Biological Chemistry</i> , 2005, 280, 8531-8543.	3.4	30
17	Synthetic peptides based on the calmodulin-binding domain of myosin light chain kinase inhibit activation of other calmodulin-dependent enzymes. <i>Biochemical and Biophysical Research Communications</i> , 1988, 156, 860-865.	2.1	29
18	Phosphorylation Screening Identifies Translational Initiation Factor 4GII as an Intracellular Target of Ca ²⁺ /Calmodulin-dependent Protein Kinase I. <i>Journal of Biological Chemistry</i> , 2003, 278, 48570-48579.	3.4	26

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19	Repression of Ca ²⁺ /Calmodulin-dependent Protein Kinase IV Signaling Accelerates Retinoic Acid-induced Differentiation of Human Neuroblastoma Cells. <i>Journal of Biological Chemistry</i> , 2009, 284, 26466-26481.	3.4	21
20	Regulation of Neuronal mRNA Translation by CaM-Kinase I Phosphorylation of eIF4GII. <i>Journal of Neuroscience</i> , 2012, 32, 5620-5630.	3.6	20
21	Nucleoporin 62 and Ca ²⁺ /calmodulin dependent kinase kinase 2 regulate androgen receptor activity in castrate resistant prostate cancer cells. <i>Prostate</i> , 2016, 76, 294-306.	2.3	16
22	Activation mechanism of rabbit skeletal muscle myosin light chain kinase 5 ^{â€²} -p-Fluorosulfonylbenzoyl adenosine as a probe of the MgATP-binding site of the calmodulin-bound and calmodulin-free enzyme. <i>FEBS Letters</i> , 1991, 286, 217-220.	2.8	9
23	Calcium/calmodulin-dependent protein kinase kinase 2 mediates pleiotropic effects of epidermal growth factor in cancer cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2022, 1869, 119252.	4.1	6
24	ORGANIZATION OF MYOSIN LIGHT CHAIN KINASE FROM RABBIT SKELETAL MUSCLE. , 1987, , 494-504.		1
25	CaMKI. , 1995, , 128-130.		1
26	CaMKIV Regulates Survival/Proliferation of Neuroblastoma Cells. <i>FASEB Journal</i> , 2008, 22, 911.7.	0.5	0
27	CaMKK2 regulates cellular proliferation and androgen receptor activity during prostate cancer progression. <i>FASEB Journal</i> , 2012, 26, 1038.11.	0.5	0