Jack E Dixon

List of Publications by Year
in descending order

39 papers	2,606 citations	304701 22 h-index	414395 32 g-index
45 all docs	45 docs citations	45 times ranked	3817 citing authors

#	Article	IF	Citations
1	The stress-responsive kinase DYRK2 activates heat shock factor 1 promoting resistance to proteotoxic stress. Cell Death and Differentiation, 2021, 28, 1563-1578.	11.2	19
2	The ABCs of the atypical Fam20 secretory pathway kinases. Journal of Biological Chemistry, 2021, 296, 100267.	3.4	20
3	Reversible phosphorylation of Rpn1 regulates 26S proteasome assembly and function. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 328-336.	7.1	35
4	POMK regulates dystroglycan function via LARGE1-mediated elongation of matriglycan. ELife, 2020, 9, .	6.0	19
5	Ancestral roles of the Fam20C family of secreted protein kinases revealed in C. elegans. Journal of Cell Biology, 2019, 218, 3795-3811.	5.2	4
6	Reversible phosphorylation: a birthday tribute to Herb Tabor. Journal of Biological Chemistry, 2019, 294, 1638-1642.	3.4	5
7	Inhibition of dual-specificity tyrosine phosphorylation-regulated kinase 2 perturbs 26S proteasome-addicted neoplastic progression. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 24881-24891.	7.1	39
8	Structure and evolution of the Fam20 kinases. Nature Communications, 2018, 9, 1218.	12.8	55
9	Enzymatic Phosphorylation of Ser in a Type I Collagen Peptide. Biophysical Journal, 2018, 115, 2327-2335.	0.5	13
10	Ancient drug curcumin impedes 26S proteasome activity by direct inhibition of dual-specificity tyrosine-regulated kinase 2. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 8155-8160.	7.1	121
11	A secretory pathway kinase regulates sarcoplasmic reticulum Ca2+ homeostasis and protects against heart failure. ELife, 2018, 7, .	6.0	22
12	A luminal kinase regulates sarcoplasmic reticulum calcium cycling and heart disease. FASEB Journal, 2018, 32, .	0.5	0
13	Genomics and evolution of protein phosphatases. Science Signaling, 2017, 10, .	3.6	206
14	Molecular Details Underlying Dynamic Structures and Regulation of the Human 26S Proteasome. Molecular and Cellular Proteomics, 2017, 16, 840-854.	3.8	93
15	Phosphorylation of serine96 of histidine-rich calcium-binding protein by the Fam20C kinase functions to prevent cardiac arrhythmia. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 9098-9103.	7.1	43
16	Structure of Fam20A reveals a pseudokinase featuring a unique disulfide pattern and inverted ATP-binding. ELife, 2017, 6, .	6.0	29
17	Phosphorylation of spore coat proteins by a family of atypical protein kinases. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E3482-91.	7.1	56
18	Site-specific proteasome phosphorylation controls cell proliferation and tumorigenesis. Nature Cell Biology, 2016, 18, 202-212.	10.3	148

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19	Structure of protein O-mannose kinase reveals a unique active site architecture. ELife, 2016, 5, .	6.0	33
20	A Single Kinase Generates the Majority of the Secreted Phosphoproteome. Cell, 2015, 161, 1619-1632.	28.9	264
21	A potent and selective inhibitor for the UBLCP1 proteasome phosphatase. Bioorganic and Medicinal Chemistry, 2015, 23, 2798-2809.	3.0	12
22	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
23	A secretory kinase complex regulates extracellular protein phosphorylation. ELife, 2015, 4, e06120.	6.0	94
24	Novel Kinases Which Phosphorylate Proteins and Proteoglycans in the Secretory Pathway. FASEB Journal, 2015, 29, 89.1.	0.5	0
25	Dynamic regulation of FGF23 by Fam20C phosphorylation, GalNAc-T3 glycosylation, and furin proteolysis. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 5520-5525.	7.1	249
26	ZFX Controls Propagation and Prevents Differentiation of Acute T-Lymphoblastic and Myeloid Leukemia. Cell Reports, 2014, 6, 528-540.	6.4	29
27	Unpacking the Unfolded Protein Response. Cell, 2014, 158, 1221-1224.	28.9	7
28	A Secreted Tyrosine Kinase Acts in the Extracellular Environment. Cell, 2014, 158, 1033-1044.	28.9	111
29	Secreted protein kinases. Trends in Biochemical Sciences, 2013, 38, 121-130.	7.5	114
30	Wolfram Syndrome protein, Miner1, regulates sulphydryl redox status, the unfolded protein response, and Ca ²⁺ homeostasis. EMBO Molecular Medicine, 2013, 5, 904-918.	6.9	101
31	Crystal structure of the Golgi casein kinase. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 10574-10579.	7.1	66
32	Novel Secreted Protein Kinases. FASEB Journal, 2013, 27, 204.3.	0.5	0
33	Secreted Kinase Phosphorylates Extracellular Proteins That Regulate Biomineralization. Science, 2012, 336, 1150-1153.	12.6	408
34	Miner1, mutated in Wolfram Syndrome, is an endoplasmic reticulum protein that regulates cellular redox status and Ca2+ homeostasis. FASEB Journal, 2012, 26, 887.9.	0.5	0
35	UBLCP1 is a 26S proteasome phosphatase that regulates nuclear proteasome activity. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 18649-18654.	7.1	68
36	Corrigendum to â€œIdentification of otubain 1 as a novel substrate for theYersiniaprotein kinase using chemical genetics and mass spectrometryâ€•[FEBS Lett. 580 (2006) 179-183]. FEBS Letters, 2008, 582, 3159-3159.	2.8	0

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37	Emergence of reversible phosphorylation in the mitochondria. FASEB Journal, 2008, 22, 1049.3.	0.5	0
38	The phosphatase laforin crosses evolutionary boundaries and links carbohydrate metabolism to neuronal disease. FASEB Journal, 2008, 22, 1013.1.	0.5	0
39	Determinants for Dephosphorylation of the RNA Polymerase II C-Terminal Domain by Scp1. Molecular Cell, 2006, 24, 759-770.	9.7	103