

Bradley A Webb

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

3,171
citations

361413

20
h-index

642732

23
g-index

25
all docs

25
docs citations

25
times ranked

5407
citing authors

#	ARTICLE	IF	CITATIONS
1	Dysregulated pH: a perfect storm for cancer progression. <i>Nature Reviews Cancer</i> , 2011, 11, 671-677.	28.4	1,734
2	A Role for Myosin-I in Actin Assembly through Interactions with Vrp1p, Bee1p, and the Arp2/3 Complex. <i>Journal of Cell Biology</i> , 2000, 148, 353-362.	5.2	227
3	Considering Protonation as a Posttranslational Modification Regulating Protein Structure and Function. <i>Annual Review of Biophysics</i> , 2013, 42, 289-314.	10.0	133
4	Structures of human phosphofructokinase-1 and atomic basis of cancer-associated mutations. <i>Nature</i> , 2015, 523, 111-114.	27.8	110
5	The Sodium-Hydrogen Exchanger NHE1 Is an Akt Substrate Necessary for Actin Filament Reorganization by Growth Factors. <i>Journal of Biological Chemistry</i> , 2009, 284, 26666-26675.	3.4	90
6	PAK1 induces podosome formation in A7r5 vascular smooth muscle cells in a PAK-interacting exchange factor-dependent manner. <i>American Journal of Physiology - Cell Physiology</i> , 2005, 289, C898-C907.	4.6	80
7	pH sensing by FAK-His58 regulates focal adhesion remodeling. <i>Journal of Cell Biology</i> , 2013, 202, 849-859.	5.2	79
8	The glycolytic enzyme phosphofructokinase-1 assembles into filaments. <i>Journal of Cell Biology</i> , 2017, 216, 2305-2313.	5.2	79
9	Phosphorylation of cortactin by p21-activated kinase. <i>Archives of Biochemistry and Biophysics</i> , 2006, 456, 183-193.	3.0	77
10	Cortactin regulates podosome formation: Roles of the protein interaction domains. <i>Experimental Cell Research</i> , 2006, 312, 760-769.	2.6	66
11	Selective activation of PFKL suppresses the phagocytic oxidative burst. <i>Cell</i> , 2021, 184, 4480-4494.e15.	28.9	61
12	Dissecting the functional domain requirements of cortactin in invadopodia formation. <i>European Journal of Cell Biology</i> , 2007, 86, 189-206.	3.6	57
13	G2/M Arrest Caused by Actin Disruption Is a Manifestation of the Cell Size Checkpoint in Fission Yeast. <i>Molecular Biology of the Cell</i> , 2001, 12, 3892-3903.	2.1	54
14	Caldesmon is an integral component of podosomes in smooth muscle cells. <i>Journal of Cell Science</i> , 2006, 119, 1691-1702.	2.0	54
15	Ratiometric Imaging of pH Probes. <i>Methods in Cell Biology</i> , 2014, 123, 429-448.	1.1	49
16	Effects of tyrosine phosphorylation of cortactin on podosome formation in A7r5 vascular smooth muscle cells. <i>American Journal of Physiology - Cell Physiology</i> , 2006, 290, C463-C471.	4.6	40
17	Filament formation by metabolic enzymesâ€”A new twist on regulation. <i>Current Opinion in Cell Biology</i> , 2020, 66, 28-33.	5.4	39
18	Structural Characterization of Type II Dockerin Module from the Cellulosome of <i>Clostridium thermocellum</i> :â€”Calcium-Induced Effects on Conformation and Target Recognition. <i>Biochemistry</i> , 2005, 44, 2173-2182.	2.5	38

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19	pHLARE: a new biosensor reveals decreased lysosome pH in cancer cells. <i>Molecular Biology of the Cell</i> , 2021, 32, 131-142.	2.1	35
20	A Histidine Cluster in the Cytoplasmic Domain of the Na-H Exchanger NHE1 Confers pH-sensitive Phospholipid Binding and Regulates Transporter Activity. <i>Journal of Biological Chemistry</i> , 2016, 291, 24096-24104.	3.4	25
21	Structural and Thermodynamical Characterization of the Complete p21 Gene Product of Max. <i>Biochemistry</i> , 2005, 44, 12746-12758.	2.5	20
22	A Ligand-induced Conformational Change in Apolipoprotein(a) Enhances Covalent Lp(a) Formation. <i>Journal of Biological Chemistry</i> , 2003, 278, 14074-14081.	3.4	17
23	Ethyl isopropyl amiloride decreases oxidative phosphorylation and increases mitochondrial fusion in clonal untransformed and cancer cells. <i>American Journal of Physiology - Cell Physiology</i> , 2021, 321, C147-C157.	4.6	4
24	Filament assembly by the liver phosphofructokinase-1, the "gatekeeper" of glycolysis. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0