

James T Murray

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

6,894
citations

236833

25
h-index

377752

34
g-index

38
all docs

38
docs citations

38
times ranked

17221
citing authors

#	ARTICLE	IF	CITATIONS
1	Protein-carbohydrate ingestion alters Vps34 cellular localization independent of changes in kinase activity in human skeletal muscle. <i>Experimental Physiology</i> , 2020, 105, 2178-2189.	0.9	7
2	Cold Atmospheric Plasma induces accumulation of lysosomes and caspase-independent cell death in U373MG glioblastoma multiforme cells. <i>Scientific Reports</i> , 2019, 9, 12891.	1.6	36
3	Induction of the cell survival kinase Sgk1: A possible novel mechanism for Î±-phenyl-N-tert-butyl nitrone in experimental stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 1111-1121.	2.4	8
4	Oncogenic Signalling through Mechanistic Target of Rapamycin (mTOR): A Driver of Metabolic Transformation and Cancer Progression. <i>Cancers</i> , 2018, 10, 5.	1.7	53
5	Mechanistic Target of Rapamycin (mTOR) in the Cancer Setting. <i>Cancers</i> , 2018, 10, 168.	1.7	4
6	Glucose represses dendritic cell-induced T cell responses. <i>Nature Communications</i> , 2017, 8, 15620.	5.8	116
7	Signalling mechanisms in autophagy: an introduction to the issue. <i>Essays in Biochemistry</i> , 2017, 61, 561-563.	2.1	3
8	Heat Inactivation of Garlic (<i>Allium sativum</i>) Extract Abrogates Growth Inhibition of HeLa Cells. <i>Nutrition and Cancer</i> , 2016, 68, 818-826.	0.9	3
9	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
10	Probing a 3,4-bis-guanidinium diaryl derivative as an allosteric inhibitor of the Ras pathway. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 4287-4292.	1.0	8
11	FLCN, a novel autophagy component, interacts with GABARAP and is regulated by ULK1 phosphorylation. <i>Autophagy</i> , 2014, 10, 1749-1760.	4.3	64
12	A role of autophagy in PTP4A3-driven cancer progression. <i>Autophagy</i> , 2014, 10, 1787-1800.	4.3	40
13	Ran GTPase in Nuclear Envelope Formation and Cancer Metastasis. <i>Advances in Experimental Medicine and Biology</i> , 2014, 773, 323-351.	0.8	42
14	TBX2 represses CST6 resulting in uncontrolled legumain activity to sustain breast cancer proliferation: a novel cancer-selective target pathway with therapeutic opportunities.. <i>Oncotarget</i> , 2014, 5, 1609-1620.	0.8	37
15	Nutrient ingestion increased mTOR signaling, but not hVps34 activity in human skeletal muscle after sprint exercise. <i>Physiological Reports</i> , 2013, 1, e00076.	0.7	12
16	The cell survival kinase Sgk1 and its targets FOXO3a and NDRG1 in aged human brain. <i>Neuropathology and Applied Neurobiology</i> , 2013, 39, 623-633.	1.8	40
17	Transcriptional up-regulation of ULK1 by ATF4 contributes to cancer cell survival. <i>Biochemical Journal</i> , 2013, 449, 389-400.	1.7	128
18	Impact of oncogenic driver mutations on feedback between the PI3K and MEK pathways in cancer cells. <i>Bioscience Reports</i> , 2012, 32, 413-422.	1.1	30

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19	Ran Is a Potential Therapeutic Target for Cancer Cells with Molecular Changes Associated with Activation of the PI3K/Akt/mTORC1 and Ras/MEK/ERK Pathways. <i>Clinical Cancer Research</i> , 2012, 18, 380-391.	3.2	69
20	Phosphorylation of NDRG1 is temporally and spatially controlled during the cell cycle. <i>Biochemical and Biophysical Research Communications</i> , 2011, 411, 227-234.	1.0	41
21	Obatoclox induces Atg7-dependent autophagy independent of beclin-1 and BAX/BAK. <i>Cell Death and Disease</i> , 2010, 1, e108-e108.	2.7	78
22	SGK1 activity in Na ⁺ absorbing airway epithelial cells monitored by assaying NDRG1-Thr346/356/366 phosphorylation. <i>Pflügers Archiv European Journal of Physiology</i> , 2009, 457, 1287-1301.	1.3	32
23	mVps34 is activated following high resistance contractions. <i>Journal of Physiology</i> , 2009, 587, 253-260.	1.3	80
24	Abstract B30: Phosphorylation of c-Jun N terminal kinase (JNK) regulates induction of mitochondrial apoptosis by pro-survival BCL-2 antagonist obatoclox. , 2009, , .		0
25	mVps34 is activated by an acute bout of resistance exercise. <i>Biochemical Society Transactions</i> , 2007, 35, 1314-1316.	1.6	30
26	Analysis of hVps34/hVps15 Interactions with Rab5 In Vivo and In Vitro. <i>Methods in Enzymology</i> , 2005, 403, 789-799.	0.4	8
27	hVps34 Is a Nutrient-regulated Lipid Kinase Required for Activation of p70 S6 Kinase. <i>Journal of Biological Chemistry</i> , 2005, 280, 33076-33082.	1.6	443
28	The respiratory syncytial virus small hydrophobic protein is phosphorylated via a mitogen-activated protein kinase p38-dependent tyrosine kinase activity during virus infection. <i>Journal of General Virology</i> , 2005, 86, 375-384.	1.3	34
29	Identification of different specificity requirements between SGK1 and PKB \pm . <i>FEBS Letters</i> , 2005, 579, 991-994.	1.3	45
30	Exploitation of KESTREL to identify NDRG family members as physiological substrates for SGK1 and GSK3. <i>Biochemical Journal</i> , 2004, 384, 477-488.	1.7	299
31	Identification of filamin C as a new physiological substrate of PKB \pm using KESTREL. <i>Biochemical Journal</i> , 2004, 384, 489-494.	1.7	41
32	Transforming Growth Factor β^2 Activates Smad2 in the Absence of Receptor Endocytosis. <i>Journal of Biological Chemistry</i> , 2002, 277, 29363-29368.	1.6	82
33	Role of Rab5 in the Recruitment of hVps34/p150 to the Early Endosome. <i>Traffic</i> , 2002, 3, 416-427.	1.3	187
34	Mechanism of phosphatidylinositol 3-kinase-dependent increases in BAC1.2F5 macrophage-like cell density in response to M-CSF: Phosphatidylinositol 3-kinase inhibitors increase the rate of apoptosis rather than inhibit DNA synthesis. <i>Inflammation Research</i> , 2000, 49, 610-618.	1.6	15
35	Specific Requirement for the p85-p110 \pm Phosphatidylinositol 3-Kinase during Epidermal Growth Factor-stimulated Actin Nucleation in Breast Cancer Cells. <i>Journal of Biological Chemistry</i> , 2000, 275, 3741-3744.	1.6	77
36	NdrG1. <i>The AFCS-nature Molecule Pages</i> , 0, , .	0.2	1

#	ARTICLE	IF	CITATIONS
37	Ndrp2. The AFCS-nature Molecule Pages, 0, , .	0.2	0