# James T Murray

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222. | 4.3 | 4,701 |
| 2 | hVps34 Is a Nutrient-regulated Lipid Kinase Required for Activation of p70 S6 Kinase. Journal of Biological Chemistry, 2005, 280, 33076-33082. | 1.6 | 443 |
| 3 | Exploitation of KESTREL to identify NDRG family members as physiological substrates for SGK1 and GSK3. Biochemical Journal, 2004, 384, 477-488. | 1.7 | 299 |
| 4 | Role of Rab5 in the Recruitment of hVps34/p150 to the Early Endosome. Traffic, 2002, 3, 416-427. | 1.3 | 187 |
| 5 | Transcriptional up-regulation of ULK1 by ATF4 contributes to cancer cell survival. Biochemical Journal, 2013, 449, 389-400. | 1.7 | 128 |
| 6 | Glucose represses dendritic cell-induced T cell responses. Nature Communications, 2017, 8, 15620. | 5.8 | 116 |
| 7 | Transforming Growth Factor Î² Activates Smad2 in the Absence of Receptor Endocytosis. Journal of Biological Chemistry, 2002, 277, 29363-29368. | 1.6 | 82 |
| 8 | mVps34 is activated following highâ€resistance contractions. Journal of Physiology, 2009, 587, 253-260. | 1.3 | 80 |
| 9 | Obatoclax induces Atg7-dependent autophagy independent of beclin-1 and BAX/BAK. Cell Death and Disease, 2010, 1, e108-e108. | 2.7 | 78 |
| 10 | Specific Requirement for the p85-p110Î± Phosphatidylinositol 3-Kinase during Epidermal Growth Factor-stimulated Actin Nucleation in Breast Cancer Cells. Journal of Biological Chemistry, 2000, 275, 3741-3744. | 1.6 | 77 |
| 11 | 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. Clinical Cancer Research, 2012, 18, 380-391. | 3.2 | 69 |
| 12 | FLCN, a novel autophagy component, interacts with GABARAP and is regulated by ULK1 phosphorylation. Autophagy, 2014, 10, 1749-1760. | 4.3 | 64 |
| 13 | Oncogenic Signalling through Mechanistic Target of Rapamycin (mTOR): A Driver of Metabolic Transformation and Cancer Progression. Cancers, 2018, 10, 5. | 1.7 | 53 |
| 14 | Identification of different specificity requirements between SGK1 and PKBÎ±. FEBS Letters, 2005, 579, 991-994. | 1.3 | 45 |
| 15 | Ran GTPase in Nuclear Envelope Formation and Cancer Metastasis. Advances in Experimental Medicine and Biology, 2014, 773, 323-351. | 0.8 | 42 |
| 16 | Identification of filamin C as a new physiological substrate of PKBÎ± using KESTREL. Biochemical Journal, 2004, 384, 489-494. | 1.7 | 41 |
| 17 | Phosphorylation of NDRG1 is temporally and spatially controlled during the cell cycle. Biochemical and Biophysical Research Communications, 2011, 411, 227-234. | 1.0 | 41 |
| 18 | The cell survival kinase <scp>SGK</scp>1 and its targets <scp>FOXO</scp>3a and <scp>NDRG</scp>1 in aged human brain. Neuropathology and Applied Neurobiology, 2013, 39, 623-633. | 1.8 | 40 |

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|---|---|---|---|
| 19 | A role of autophagy in PTP4A3-driven cancer progression. Autophagy, 2014, 10, 1787-1800. | 4.3 | 40 |
| 20 | TBX2 represses CST6 resulting in uncontrolled legumain activity to sustain breast cancer proliferation: a novel cancer-selective target pathway with therapeutic opportunities.. Oncotarget, 2014, 5, 1609-1620. | 0.8 | 37 |
| 21 | Cold Atmospheric Plasma induces accumulation of lysosomes and caspase-independent cell death in U373MG glioblastoma multiforme cells. Scientific Reports, 2019, 9, 12891. | 1.6 | 36 |
| 22 | The respiratory syncytial virus small hydrophobic protein is phosphorylated via a mitogen-activated protein kinase p38-dependent tyrosine kinase activity during virus infection. Journal of General Virology, 2005, 86, 375-384. | 1.3 | 34 |
| 23 | SGK1 activity in Na+ absorbing airway epithelial cells monitored by assaying NDRG1-Thr346/356/366 phosphorylation. Pflugers Archiv European Journal of Physiology, 2009, 457, 1287-1301. | 1.3 | 32 |
| 24 | mVps34 is activated by an acute bout of resistance exercise. Biochemical Society Transactions, 2007, 35, 1314-1316. | 1.6 | 30 |
| 25 | Impact of oncogenic driver mutations on feedback between the PI3K and MEK pathways in cancer cells. Bioscience Reports, 2012, 32, 413-422. | 1.1 | 30 |
| 26 | 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. Inflammation Research, 2000, 49, 610-618. | 1.6 | 15 |
| 27 | Nutrient ingestion increased mTOR signaling, but not hVps34 activity in human skeletal muscle after sprint exercise. Physiological Reports, 2013, 1, e00076. | 0.7 | 12 |
| 28 | Analysis of hVps34/hVps15 Interactions with Rab5 In Vivo and In Vitro. Methods in Enzymology, 2005, 403, 789-799. | 0.4 | 8 |
| 29 | Probing a 3,4â€²-bis-guanidinium diaryl derivative as an allosteric inhibitor of the Ras pathway. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 4287-4292. | 1.0 | 8 |
| 30 | Induction of the cell survival kinase Sgk1: A possible novel mechanism for Î±-phenyl-N-tert-butyl nitrone in experimental stroke. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 1111-1121. | 2.4 | 8 |
| 31 | Proteinâ€carbohydrate ingestion alters Vps34 cellular localization independent of changes in kinase activity in human skeletal muscle. Experimental Physiology, 2020, 105, 2178-2189. | 0.9 | 7 |
| 32 | Mechanistic Target of Rapamycin (mTOR) in the Cancer Setting. Cancers, 2018, 10, 168. | 1.7 | 4 |
| 33 | Heat Inactivation of Garlic (Allium sativum) Extract Abrogates Growth Inhibition of HeLa Cells. Nutrition and Cancer, 2016, 68, 818-826. | 0.9 | 3 |
| 34 | Signalling mechanisms in autophagy: an introduction to the issue. Essays in Biochemistry, 2017, 61, 561-563. | 2.1 | 3 |
| 35 | Ndrg1. The AFCS-nature Molecule Pages, 0, , . | 0.2 | 1 |
| 36 | Ndrg2. The AFCS-nature Molecule Pages, 0, , . | 0.2 | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Abstract B30: Phosphorylation of câ€jun N terminal kinase (JNK) regulates induction of mitochondrial apoptosis by proâ€suvival BCLâ€2 antagoinist obatoclax. , 2009, , . | | 0 |