# Timothy John Sargeant

## List of Publications by Year in Descending Order



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|---|---|---|---|
| 35 papers | 639 citations | 15 h-index | 25 g-index |
| 37 ext. papers | 858 ext. citations | 6.2 avg, IF | 4.31 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 35 | Lysosomal gene displays haploinsufficiency in a knock-in mouse model of Alzheimer's disease.. *IBRO Neuroscience Reports*, **2022**, 12, 131-141 | | 0 |
| 34 | Intermittent fasting activates markers of autophagy in mouse liver, but not muscle from mouse or humans. *Nutrition*, **2022**, 111662 | 4.8 | 0 |
| 33 | Gut Microbiome Regulation of Autophagic Flux and Neurodegenerative Disease Risks.. *Frontiers in Microbiology*, **2021**, 12, 817433 | 5.7 | 1 |
| 32 | Human autophagy measurement: an underappreciated barrier to translation. *Trends in Molecular Medicine*, **2021**, 27, 1091-1094 | 11.5 | 1 |
| 31 | ATG8ylation of proteins: A way to cope with cell stress?. *Journal of Cell Biology*, **2021**, 220, | 7.3 | 3 |
| 30 | Measurement of autophagic flux in humans: an optimized method for blood samples. *Autophagy*, **2021**, 17, 3238-3255 | 10.2 | 6 |
| 29 | Retromer regulates the lysosomal clearance of MAPT/tau. *Autophagy*, **2021**, 17, 2217-2237 | 10.2 | 10 |
| 28 | TSC-insensitive Rheb mutations induce oncogenic transformation through a combination of constitutively active mTORC1 signalling and proteome remodelling. *Cellular and Molecular Life Sciences*, **2021**, 78, 4035-4052 | 10.3 | 0 |
| 27 | Inhibiting mTOR activity using AZD2014 increases autophagy in the mouse cerebral cortex. *Neuropharmacology*, **2021**, 190, 108541 | 5.5 | 3 |
| 26 | Comparison of chloroquine-like molecules for lysosomal inhibition and measurement of autophagic flux in the brain. *Biochemical and Biophysical Research Communications*, **2021**, 534, 107-113 | 3.4 | 3 |
| 25 | Retromer dysfunction at the nexus of tauopathies. *Cell Death and Differentiation*, **2021**, 28, 884-899 | 12.7 | 5 |
| 24 | The composition of the gut microbiota following early-life antibiotic exposure affects host health and longevity in later life. *Cell Reports*, **2021**, 36, 109564 | 10.6 | 5 |
| 23 | PICALM regulates cathepsin D processing and lysosomal function. *Biochemical and Biophysical Research Communications*, **2021**, 570, 103-109 | 3.4 | 0 |
| 22 | The mTOR-lysosome axis at the centre of ageing. *FEBS Open Bio*, **2021**, | 2.7 | 3 |
| 21 | Lysosomal Dysregulation in the Murine App Model of Alzheimer's Disease. *Neuroscience*, **2020**, 429, 143-155 | 3.3 | 7 |
| 20 | Rapamycin and Alzheimer disease: a double-edged sword?. *Autophagy*, **2019**, 15, 1460-1462 | 10.2 | 39 |
| 19 | Subcellular Fractionation of Hela Cells for Lysosome Enrichment Using a Continuous Percoll-Density Gradient. *Bio-protocol*, **2019**, 9, e3362 | 0.9 | 2 |

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| 18 | Retromer has a selective function in cargo sorting via endosome transport carriers. *Journal of Cell Biology*, **2019**, 218, 615-631 | 7.3 | 69 |
| 17 | Stat3-mediated alterations in lysosomal membrane protein composition. *Journal of Biological Chemistry*, **2018**, 293, 4244-4261 | 5.4 | 16 |
| 16 | Lysosomal LAMP1 immunoreactivity exists in both diffuse and neuritic amyloid plaques in the human hippocampus. *European Journal of Neuroscience*, **2018**, 47, 1043-1053 | 3.5 | 20 |
| 15 | Reduction in open field activity in the absence of memory deficits in the App knock-in mouse model of Alzheimer's disease. *Behavioural Brain Research*, **2018**, 336, 177-181 | 3.4 | 35 |
| 14 | Endo-lysosomal and autophagic dysfunction: a driving factor in Alzheimer's disease?. *Journal of Neurochemistry*, **2017**, 140, 703-717 | 6 | 79 |
| 13 | A novel fluorescent probe reveals starvation controls the commitment of amyloid precursor protein to the lysosome. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **2017**, 1864, 1554-1565 | 4.9 | 12 |
| 12 | Analysis of the Involuting Mouse Mammary Gland: An In Vivo Model for Cell Death. *Methods in Molecular Biology*, **2017**, 1501, 165-186 | 1.4 | 3 |
| 11 | Commentary: Possible involvement of lysosomal dysfunction in pathological changes of the brain in aged progranulin-deficient mice. *Frontiers in Aging Neuroscience*, **2016**, 8, 11 | 5.3 | 3 |
| 10 | Immunocytochemical Evidence for Golgi Vesicle Involvement in Milk Fat Globule Secretion. *Journal of Histochemistry and Cytochemistry*, **2015**, 63, 943-51 | 3.4 | 10 |
| 9 | A 3-D in vitro co-culture model of mammary gland involution. *Integrative Biology (United Kingdom)*, **2014**, 6, 618-26 | 3.7 | 22 |
| 8 | Stat3 controls cell death during mammary gland involution by regulating uptake of milk fat globules and lysosomal membrane permeabilization. *Nature Cell Biology*, **2014**, 16, 1057-1068 | 23.4 | 104 |
| 7 | Signal transducer and activator of transcription 3 and the phosphatidylinositol 3-kinase regulatory subunits p55 and p50 regulate autophagy in vivo. *FEBS Journal*, **2014**, 281, 4557-67 | 5.7 | 17 |
| 6 | TNF, acting through inducibly expressed TNFR2, drives activation and cell cycle entry of c-Kit+ cardiac stem cells in ischemic heart disease. *Stem Cells*, **2013**, 31, 1881-92 | 5.8 | 19 |
| 5 | Characterization of inducible models of Tay-Sachs and related disease. *PLoS Genetics*, **2012**, 8, e10029436 | | 15 |
| 4 | Adeno-associated virus-mediated expression of hexosaminidase prevents neuronal loss in the Sandhoff mouse brain. *Human Molecular Genetics*, **2011**, 20, 4371-80 | 5.6 | 34 |
| 3 | Opioidergic regulation of astroglial/neuronal proliferation: where are we now?. *Journal of Neurochemistry*, **2008**, 107, 883-97 | 6 | 49 |
| 2 | Acute in utero morphine exposure slows G2/M phase transition in radial glial and basal progenitor cells in the dorsal telencephalon of the E15.5 embryonic mouse. *European Journal of Neuroscience*, **2008**, 28, 1060-7 | 3.5 | 23 |
| 1 | Mu opioid receptors are expressed on radial glia but not migrating neuroblasts in the late embryonic mouse brain. *Brain Research*, **2007**, 1175, 28-38 | 3.7 | 21 |