

# Andrew R Tee

## List of Publications by Citations

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59  
papers

11,953  
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38  
h-index

69  
g-index

69  
ext. papers

13,258  
ext. citations

7.2  
avg, IF

5.99  
L-index

#	Paper	IF	Citations
59	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , <b>2016</b> , 12, 1-222	10.2	3838
58	Identification of the tuberous sclerosis complex-2 tumor suppressor gene product tuberin as a target of the phosphoinositide 3-kinase/akt pathway. <i>Molecular Cell</i> , <b>2002</b> , 10, 151-62	17.6	1247
57	Tuberous sclerosis complex gene products, Tuberin and Hamartin, control mTOR signaling by acting as a GTPase-activating protein complex toward Rheb. <i>Current Biology</i> , <b>2003</b> , 13, 1259-68	6.3	923
56	mTOR controls cell cycle progression through its cell growth effectors S6K1 and 4E-BP1/eukaryotic translation initiation factor 4E. <i>Molecular and Cellular Biology</i> , <b>2004</b> , 24, 200-16	4.8	680
55	Tuberous sclerosis complex-1 and -2 gene products function together to inhibit mammalian target of rapamycin (mTOR)-mediated downstream signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2002</b> , 99, 13571-6	11.5	661
54	Hypoxia-inducible factor 1alpha is regulated by the mammalian target of rapamycin (mTOR) via an mTOR signaling motif. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 20534-43	5.4	370
53	The tuberous sclerosis protein TSC2 is not required for the regulation of the mammalian target of rapamycin by amino acids and certain cellular stresses. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 18717-27	5.4	288
52	Activity of TSC2 is inhibited by AKT-mediated phosphorylation and membrane partitioning. <i>Journal of Cell Biology</i> , <b>2006</b> , 173, 279-89	7.3	268
51	Regulation of targets of mTOR (mammalian target of rapamycin) signalling by intracellular amino acid availability. <i>Biochemical Journal</i> , <b>2003</b> , 372, 555-66	3.8	254
50	mTOR, translational control and human disease. <i>Seminars in Cell and Developmental Biology</i> , <b>2005</b> , 16, 29-37	7.5	248
49	Mammalian target of rapamycin complex 1: signalling inputs, substrates and feedback mechanisms. <i>Cellular Signalling</i> , <b>2009</b> , 21, 827-35	4.9	204
48	A tuberous sclerosis complex signalling node at the peroxisome regulates mTORC1 and autophagy in response to ROS. <i>Nature Cell Biology</i> , <b>2013</b> , 15, 1186-96	23.4	182
47	Reactive nitrogen species regulate autophagy through ATM-AMPK-TSC2-mediated suppression of mTORC1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, E2950-7	11.5	181
46	mTOR Ser-2481 autophosphorylation monitors mTORC-specific catalytic activity and clarifies rapamycin mechanism of action. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 7866-79	5.4	175
45	Inactivation of the tuberous sclerosis complex-1 and -2 gene products occurs by phosphoinositide 3-kinase/Akt-dependent and -independent phosphorylation of tuberin. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 37288-96	5.4	170
44	Leucine and mTORC1: a complex relationship. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2012</b> , 302, E1329-42	6	168
43	mTORC1 drives HIF-1 and VEGF-A signalling via multiple mechanisms involving 4E-BP1, S6K1 and STAT3. <i>Oncogene</i> , <b>2015</b> , 34, 2239-50	9.2	157

42	ULK1 inhibits mTORC1 signaling, promotes multisite Raptor phosphorylation and hinders substrate binding. <i>Autophagy</i> , <b>2011</b> , 7, 737-47	10.2	151
41	The extracellular signal-regulated kinase pathway regulates the phosphorylation of 4E-BP1 at multiple sites. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 11591-6	5.4	149
40	Caspase cleavage of initiation factor 4E-binding protein 1 yields a dominant inhibitor of cap-dependent translation and reveals a novel regulatory motif. <i>Molecular and Cellular Biology</i> , <b>2002</b> , 22, 1674-83	4.8	116
39	Structure-activity analysis of niclosamide reveals potential role for cytoplasmic pH in control of mammalian target of rapamycin complex 1 (mTORC1) signaling. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 17530-17545	5.4	110
38	DNA-damaging agents cause inactivation of translational regulators linked to mTOR signalling. <i>Oncogene</i> , <b>2000</b> , 19, 3021-31	9.2	108
37	Control of TSC2-Rheb signaling axis by arginine regulates mTORC1 activity. <i>ELife</i> , <b>2016</b> , 5,	8.9	102
36	The tumor suppressor folliculin regulates AMPK-dependent metabolic transformation. <i>Journal of Clinical Investigation</i> , <b>2014</b> , 124, 2640-50	15.9	101
35	The kinase triad, AMPK, mTORC1 and ULK1, maintains energy and nutrient homeostasis. <i>Biochemical Society Transactions</i> , <b>2013</b> , 41, 939-43	5.1	92
34	Impairment of Angiogenesis by Fatty Acid Synthase Inhibition Involves mTOR Malonylation. <i>Cell Metabolism</i> , <b>2018</b> , 28, 866-880.e15	24.6	83
33	Analysis of mTOR signaling by the small G-proteins, Rheb and RhebL1. <i>FEBS Letters</i> , <b>2005</b> , 579, 4763-8	3.8	79
32	Absence of the Birt-Hogg-Dub gene product is associated with increased hypoxia-inducible factor transcriptional activity and a loss of metabolic flexibility. <i>Oncogene</i> , <b>2011</b> , 30, 1159-73	9.2	62
31	Mammalian target of rapamycin complex 1-mediated phosphorylation of eukaryotic initiation factor 4E-binding protein 1 requires multiple protein-protein interactions for substrate recognition. <i>Cellular Signalling</i> , <b>2009</b> , 21, 1073-84	4.9	62
30	Birt-Hogg-Dube syndrome is a novel ciliopathy. <i>Human Molecular Genetics</i> , <b>2013</b> , 22, 4383-97	5.6	56
29	Tertiary active transport of amino acids reconstituted by coexpression of System A and L transporters in <i>Xenopus</i> oocytes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2009</b> , 297, E822-9	6	56
28	Neurofibromatosis type 1: Fundamental insights into cell signalling and cancer. <i>Seminars in Cell and Developmental Biology</i> , <b>2016</b> , 52, 39-46	7.5	53
27	FLCN, a novel autophagy component, interacts with GABARAP and is regulated by ULK1 phosphorylation. <i>Autophagy</i> , <b>2014</b> , 10, 1749-60	10.2	48
26	The role of mTOR signalling in neurogenesis, insights from tuberous sclerosis complex. <i>Seminars in Cell and Developmental Biology</i> , <b>2016</b> , 52, 12-20	7.5	46
25	Characterization of a conserved C-terminal motif (RSPRR) in ribosomal protein S6 kinase 1 required for its mammalian target of rapamycin-dependent regulation. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 11101-6	5.4	46

24	cAMP inhibits mammalian target of rapamycin complex-1 and -2 (mTORC1 and 2) by promoting complex dissociation and inhibiting mTOR kinase activity. <i>Cellular Signalling</i> , <b>2011</b> , 23, 1927-35	4.9	39
23	Staurosporine inhibits phosphorylation of translational regulators linked to mTOR. <i>Cell Death and Differentiation</i> , <b>2001</b> , 8, 841-9	12.7	39
22	Bidirectional regulation of nuclear factor- $\kappa$ B and mammalian target of rapamycin signaling functionally links Bnip3 gene repression and cell survival of ventricular myocytes. <i>Circulation: Heart Failure</i> , <b>2013</b> , 6, 335-43	7.6	38
21	The Target of Rapamycin and Mechanisms of Cell Growth. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	36
20	Oncogenic Signalling through Mechanistic Target of Rapamycin (mTOR): A Driver of Metabolic Transformation and Cancer Progression. <i>Cancers</i> , <b>2018</b> , 10,	6.6	34
19	Possible targets for nonimmunosuppressive therapy of GravesVorbitopathy. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2014</b> , 99, E1183-90	5.6	27
18	Endoplasmic reticulum stress and cell death in mTORC1-overactive cells is induced by nelfinavir and enhanced by chloroquine. <i>Molecular Oncology</i> , <b>2015</b> , 9, 675-88	7.9	25
17	Exploiting cancer vulnerabilities: mTOR, autophagy, and homeostatic imbalance. <i>Essays in Biochemistry</i> , <b>2017</b> , 61, 699-710	7.6	22
16	Characterizing the interaction of the mammalian eIF4E-related protein 4EHP with 4E-BP1. <i>FEBS Letters</i> , <b>2004</b> , 564, 58-62	3.8	21
15	STAT3 and HIF1 $\alpha$ Signaling Drives Oncogenic Cellular Phenotypes in Malignant Peripheral Nerve Sheath Tumors. <i>Molecular Cancer Research</i> , <b>2015</b> , 13, 1149-60	6.6	19
14	Localisation and regulation of the eIF4E-binding protein 4E-BP3. <i>FEBS Letters</i> , <b>2002</b> , 532, 319-23	3.8	17
13	Evaluation of copy number variation and gene expression in neurofibromatosis type-1-associated malignant peripheral nerve sheath tumours. <i>Human Genomics</i> , <b>2015</b> , 9, 3	6.8	15
12	Birt-Hogg-Dub $\alpha$ tumour suppressor function and signalling dynamics central to folliculin. <i>Familial Cancer</i> , <b>2013</b> , 12, 367-72	3	14
11	STAT3 and mTOR: co-operating to drive HIF and angiogenesis. <i>Oncoscience</i> , <b>2015</b> , 2, 913-4	0.8	14
10	Finding a cure for tuberous sclerosis complex: From genetics through to targeted drug therapies. <i>Advances in Genetics</i> , <b>2019</b> , 103, 91-118	3.3	13
9	Targeting protein homeostasis with nelfinavir/salinomycin dual therapy effectively induces death of mTORC1 hyperactive cells. <i>Oncotarget</i> , <b>2017</b> , 8, 48711-48724	3.3	8
8	Determining the pathogenicity of patient-derived TSC2 mutations by functional characterization and clinical evidence. <i>European Journal of Human Genetics</i> , <b>2011</b> , 19, 789-95	5.3	8
7	Loss of tuberous sclerosis complex 2 sensitizes tumors to nelfinavir-bortezomib therapy to intensify endoplasmic reticulum stress-induced cell death. <i>Oncogene</i> , <b>2018</b> , 37, 5913-5925	9.2	6

6	Reciprocal signaling between mTORC1 and MNK2 controls cell growth and oncogenesis. <i>Cellular and Molecular Life Sciences</i> , <b>2021</b> , 78, 249-270	10.3	5
5	Distinctive Features of Orbital Adipose Tissue (OAT) in GravesVOrbitopathy. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	3
4	Exploring transcriptional regulators Ref-1 and STAT3 as therapeutic targets in malignant peripheral nerve sheath tumours. <i>British Journal of Cancer</i> , <b>2021</b> , 124, 1566-1580	8.7	3
3	Energy Stress-Mediated Cytotoxicity in Tuberous Sclerosis Complex 2-Deficient Cells with Nelfinavir and Mefloquine Treatment. <i>Cancers</i> , <b>2018</b> , 10,	6.6	2
2	The Role of Mitochondria-Linked Fatty-Acid Uptake-Driven Adipogenesis in Graves Orbitopathy. <i>Endocrinology</i> , <b>2021</b> , 162,	4.8	1
1	The zinc finger/RING domain protein Unkempt regulates cognitive flexibility. <i>Scientific Reports</i> , <b>2021</b> , 11, 16299	4.9	0