Dos D Sarbassov

List of Publications by Year
in descending order

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32	17,554	257450 24	414414 32
papers	citations	h-index	g-index

33	33	33	20087
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Phosphorylation and Regulation of Akt/PKB by the Rictor-mTOR Complex. Science, 2005, 307, 1098-1101.	12.6	5,761
2	mTOR Interacts with Raptor to Form a Nutrient-Sensitive Complex that Signals to the Cell Growth Machinery. Cell, 2002, 110, 163-175.	28.9	2,673
3	Prolonged Rapamycin Treatment Inhibits mTORC2 Assembly and Akt/PKB. Molecular Cell, 2006, 22, 159-168.	9.7	2,388
4	Rictor, a Novel Binding Partner of mTOR, Defines a Rapamycin-Insensitive and Raptor-Independent Pathway that Regulates the Cytoskeleton. Current Biology, 2004, 14, 1296-1302.	3.9	2,370
5	Growing roles for the mTOR pathway. Current Opinion in Cell Biology, 2005, 17, 596-603.	5.4	1,413
6	GÎ²L, a Positive Regulator of the Rapamycin-Sensitive Pathway Required for the Nutrient-Sensitive Interaction between Raptor and mTOR. Molecular Cell, 2003, 11, 895-904.	9.7	883
7	The Skp2-SCF E3 Ligase Regulates Akt Ubiquitination, Glycolysis, Herceptin Sensitivity, and Tumorigenesis. Cell, 2012, 149, 1098-1111.	28.9	332
8	Rapamycin derivatives reduce mTORC2 signaling and inhibit AKT activation in AML. Blood, 2007, 109, 3509-3512.	1.4	318
9	Redox Regulation of the Nutrient-sensitive Raptor-mTOR Pathway and Complex. Journal of Biological Chemistry, 2005, 280, 39505-39509.	3.4	218
10	ATF4 induction through an atypical integrated stress response to ONC201 triggers p53-independent apoptosis in hematological malignancies. Science Signaling, 2016, 9, ra17.	3.6	147
11	ER Stress Inhibits mTORC2 and Akt Signaling Through GSK-3Î²â€“Mediated Phosphorylation of Rictor. Science Signaling, 2011, 4, ra10.	3.6	121
12	FoxO Transcription Factors Promote AKT Ser473 Phosphorylation and Renal Tumor Growth in Response to Pharmacologic Inhibition of the PI3Kâ€“AKT Pathway. Cancer Research, 2014, 74, 1682-1693.	0.9	112
13	Subunit 6 of the COP9 signalosome promotes tumorigenesis in mice through stabilization of MDM2 and is upregulated in human cancers. Journal of Clinical Investigation, 2011, 121, 851-865.	8.2	99
14	A hypoxia-responsive TRAF6â€“ATMâ€“H2AX signalling axis promotes HIF1Î± activation, tumorigenesis andÂmetastasis. Nature Cell Biology, 2017, 19, 38-51.	10.3	83
15	Extracellular Signal-Regulated Kinase-1 and -2 Respond Differently to Mitogenic and Differentiative Signaling Pathways in Myoblasts. Molecular Endocrinology, 1997, 11, 2038-2047.	3.7	71
16	Rictor/mTORC2 Drives Progression and Therapeutic Resistance of HER2-Amplified Breast Cancers. Cancer Research, 2016, 76, 4752-4764.	0.9	71
17	Skp2-Mediated RagA Ubiquitination Elicits a Negative Feedback to Prevent Amino-Acid-Dependent mTORC1 Hyperactivation by Recruiting GATOR1. Molecular Cell, 2015, 58, 989-1000.	9.7	69
18	Endoplasmic reticulum is a main localization site of mTORC2. Biochemical and Biophysical Research Communications, 2011, 413, 46-52.	2.1	67

#	Article	IF	Citations
19	Rictor Phosphorylation on the Thr-1135 Site Does Not Require Mammalian Target of Rapamycin Complex 2. Molecular Cancer Research, 2010, 8, 896-906.	3.4	61
20	Insulin Receptor Substrate-1 and Phosphatidylinositol 3-Kinase Regulate Extracellular Signal-Regulated Kinase-Dependent and -Independent Signaling Pathways during Myogenic Differentiation. Molecular Endocrinology, 1998, 12, 1870-1878.	3.7	55
21	Two distinct mTORC2-dependent pathways converge on Rac1 to drive breast cancer metastasis. Breast Cancer Research, 2017, 19, 74.	5.0	55
22	The mTOR (Mammalian Target of Rapamycin) Kinase Maintains Integrity of mTOR Complex 2. Journal of Biological Chemistry, 2011, 286, 40386-40394.	3.4	42
23	BSTA Promotes mTORC2-Mediated Phosphorylation of Akt1 to Suppress Expression of FoxC2 and Stimulate Adipocyte Differentiation. Science Signaling, 2013, 6, ra2.	3.6	39
24	Autoregulation of the Mechanistic Target of Rapamycin (mTOR) Complex 2 Integrity Is Controlled by an ATP-dependent Mechanism. Journal of Biological Chemistry, 2013, 288, 27019-27030.	3.4	31
25	The nuclear import of ribosomal proteins is regulated by mTOR. Oncotarget, 2014, 5, 9577-9593.	1.8	20
26	High-throughput profiling of signaling networks identifies mechanism-based combination therapy to eliminate microenvironmental resistance in acute myeloid leukemia. Haematologica, 2017, 102, 1537-1548.	3.5	14
27	Wheat Germination Is Dependent on Plant Target of Rapamycin Signaling. Frontiers in Cell and Developmental Biology, 2020, 8, 606685.	3.7	10
28	Isolation of the mTOR Complexes by Affinity Purification. Methods in Molecular Biology, 2012, 821, 59-74.	0.9	9
29	A chiralityâ€dependent action of vitamin C in suppressing Kirsten rat sarcoma mutant tumor growth by the oxidative combination: Rationale for cancer therapeutics. International Journal of Cancer, 2020, 146, 2822-2828.	5.1	9
30	Formation of mammalian preribosomes proceeds from intermediate to composed state during ribosome maturation. Journal of Biological Chemistry, 2019, 294, 10746-10757.	3.4	6
31	Rictor encounters RhoGDI2. Small GTPases, 2013, 4, 102-105.	1.6	5
32	Rapamycin Analogs Reduce mTORC2 Signaling and Inhibit AKT Activation in AML.. Blood, 2006, 108, 156-156.	1.4	2