

mTOR Inhibition Induces Upstream Receptor Tyrosine

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Citation Report

#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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1822	Activation of notch 3/c-MYC/CHOP axis regulates apoptosis and promotes sensitivity of lung cancer cells to mTOR inhibitor everolimus. <i>Biochemical Pharmacology</i> , 2020, 175, 113921.	2.0	18
1823	Overcoming cancer therapeutic bottleneck by drug repurposing. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 113.	7.1	299
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1828	Autophagy and mTOR signaling during intervertebral disc aging and degeneration. <i>JOR Spine</i> , 2020, 3, e1082.	1.5	51
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1832	Somatostatin receptor expression and mTOR pathway activation in glioneuronal tumours of childhood. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2020, 76, 123-130.	0.9	2
1833	Inhibition of mTOR via an AAV-Delivered shRNA Tested in a Rat OIR Model as a Potential Antiangiogenic Gene Therapy. , 2020, 61, 45.		6
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1840	Ribosomal Protein S6 Hypofunction in Postmortem Human Brain Links mTORC1-Dependent Signaling and Schizophrenia. <i>Frontiers in Pharmacology</i> , 2020, 11, 344.	1.6	17
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1851	Dacomitinib and gedatolisib in combination with fractionated radiation in head and neck cancer. <i>Clinical and Translational Radiation Oncology</i> , 2021, 26, 15-23.	0.9	6
1852	Galectin-3 mediates cardiac remodeling caused by impaired glucose and lipid metabolism through inhibiting two pathways of activating Akt. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 320, H364-H380.	1.5	18
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1857	Survival of salivary gland cancer stem cells requires mTOR signaling. <i>Cell Death and Disease</i> , 2021, 12, 108.	2.7	6
1858	Targeted Treatment of Triple-Negative Breast Cancer. <i>Cancer Journal (Sudbury, Mass)</i> , 2021, 27, 50-58.	1.0	7
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1864	Raptor and rictor expression in patients with human papillomavirus-related oropharyngeal squamous cell carcinoma. <i>BMC Cancer</i> , 2021, 21, 87.	1.1	11
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1868	Regulation of PTEN translation by PI3K signaling maintains pathway homeostasis. <i>Molecular Cell</i> , 2021, 81, 708-723.e5.	4.5	51
1869	mTOR Inhibitors as Radiosensitizers in Neuroendocrine Neoplasms. <i>Frontiers in Oncology</i> , 2020, 10, 578380.	1.3	3
1870	Targeted drug delivery strategies for precision medicines. <i>Nature Reviews Materials</i> , 2021, 6, 351-370.	23.3	388
1871	Mechanisms of Resistance to PI3K Inhibitors in Cancer: Adaptive Responses, Drug Tolerance and Cellular Plasticity. <i>Cancers</i> , 2021, 13, 1538.	1.7	37
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1879	Targeted therapy in metastatic, recurrent and refractory Ewing sarcoma and osteogenic sarcoma. Review of literature. <i>Russian Journal of Pediatric Hematology and Oncology</i> , 2021, 8, 57-63.	0.1	1
1881	Recent insights in the PI3K/Akt pathway as a promising therapeutic target in combination with EGFR-targeting agents to treat head and neck squamous cell carcinoma. <i>Medicinal Research Reviews</i> , 2022, 42, 112-155.	5.0	24
1882	Targeted Cancer Therapy: What's New in the Field of Neuroendocrine Neoplasms?. <i>Cancers</i> , 2021, 13, 1701.	1.7	19
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1885	Sapanisertib Plus Exemestane or Fulvestrant in Women with Hormone Receptor-Positive/HER2-Negative Advanced or Metastatic Breast Cancer. <i>Clinical Cancer Research</i> , 2021, 27, 3329-3338.	3.2	8

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1889	MTOR Signaling and Metabolism in Early T Cell Development. <i>Genes</i> , 2021, 12, 728.	1.0	16
1890	Current status of medical treatment for gastroenteropancreatic neuroendocrine neoplasms and future perspectives. <i>Japanese Journal of Clinical Oncology</i> , 2021, 51, 1185-1196.	0.6	8
1891	The PI3K/Akt/mTOR signaling pathway in gastric cancer; from oncogenic variations to the possibilities for pharmacologic interventions. <i>European Journal of Pharmacology</i> , 2021, 898, 173983.	1.7	47
1892	In vivo genome-wide CRISPR screen reveals breast cancer vulnerabilities and synergistic mTOR/Hippo targeted combination therapy. <i>Nature Communications</i> , 2021, 12, 3055.	5.8	55
1893	JosÃ© Baselga M.D., Ph.D. (1959â€“2021) leading cancer researcher and oncologist. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 156.	3.5	0
1894	The therapeutic landscape of hepatocellular carcinoma. <i>Med</i> , 2021, 2, 505-552.	2.2	20
1895	IGF1-Stimulated Posttraumatic Hippocampal Remodeling Is Not Dependent on mTOR. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 663456.	1.8	2
1896	Involvement of mTOR Pathways in Recovery from Spinal Cord Injury by Modulation of Autophagy and Immune Response. <i>Biomedicines</i> , 2021, 9, 593.	1.4	9
1897	Diversity of insulin and IGF signaling in breast cancer: Implications for therapy. <i>Molecular and Cellular Endocrinology</i> , 2021, 527, 111213.	1.6	36
1898	The Novel Oral mTORC1/2 Inhibitor TAK-228 Reverses Trastuzumab Resistance in HER2-Positive Breast Cancer Models. <i>Cancers</i> , 2021, 13, 2778.	1.7	3
1899	The present and future of PI3K inhibitors for cancer therapy. <i>Nature Cancer</i> , 2021, 2, 587-597.	5.7	63
1900	Targeting mTOR and Glycolysis in HER2-Positive Breast Cancer. <i>Cancers</i> , 2021, 13, 2922.	1.7	29
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1902	Direct P70S6K1 inhibition to replace dexamethasone in synergistic combination with MCL-1 inhibition in multiple myeloma. <i>Blood Advances</i> , 2021, 5, 2593-2607.	2.5	4
1903	Selective inhibitors of mTORC1 activate 4EBP1 and suppress tumor growth. <i>Nature Chemical Biology</i> , 2021, 17, 1065-1074.	3.9	33
1904	Pathogenesis and Potential Therapeutic Targets for Triple-Negative Breast Cancer. <i>Cancers</i> , 2021, 13, 2978.	1.7	12

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1906	The Small-Molecule Inhibitor MRIA9 Reveals Novel Insights into the Cell Cycle Roles of SIK2 in Ovarian Cancer Cells. <i>Cancers</i> , 2021, 13, 3658.	1.7	17
1907	Tumor Growth in the High Frequency Medulloblastoma Mouse Model <i>Ptch1+/-/Tis21KO</i> Has a Specific Activation Signature of the PI3K/AKT/mTOR Pathway and Is Counteracted by the PI3K Inhibitor MEN1611. <i>Frontiers in Oncology</i> , 2021, 11, 692053.	1.3	4
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1909	Combinatorial Strategies to Target Molecular and Signaling Pathways to Disarm Cancer Stem Cells. <i>Frontiers in Oncology</i> , 2021, 11, 689131.	1.3	6
1910	Phase I Dose-Escalation Study of the Dual PI3K-mTORC1/2 Inhibitor Gedatolisib in Combination with Paclitaxel and Carboplatin in Patients with Advanced Solid Tumors. <i>Clinical Cancer Research</i> , 2021, 27, 5012-5019.	3.2	10
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1913	Regulation and metabolic functions of mTORC1 and mTORC2. <i>Physiological Reviews</i> , 2021, 101, 1371-1426.	13.1	250
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1915	Mammalian/mechanistic target of rapamycin (mTOR) complexes in neurodegeneration. <i>Molecular Neurodegeneration</i> , 2021, 16, 44.	4.4	104
1916	Estrogen Receptor-Alpha and p53 Status as Regulators of AMPK and mTOR in Luminal Breast Cancer. <i>Cancers</i> , 2021, 13, 3612.	1.7	4
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1918	Targeting PI3K/AKT/mTOR Signaling Pathway in Breast Cancer. <i>Cancers</i> , 2021, 13, 3517.	1.7	68
1919	Chemical and Structural Strategies to Selectively Target mTOR Kinase. <i>ChemMedChem</i> , 2021, 16, 2744-2759.	1.6	12
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1938	Targeting the Insulin-Like Growth Factor-I Receptor in Cancer Therapy. , 2012, , 193-213.		1
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1943	The PI3K-AKT Pathway in Melanoma. , 2016, , 165-180.		3
1944	Downstream of mTOR: Translational Control of Cancer. , 2009, , 201-216.		1
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1946	Signaling Determinants of Glioma Cell Invasion. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1202, 129-149.	0.8	73
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1948	Resistance to PI3K Pathway Inhibition. <i>Cancer Drug Discovery and Development</i> , 2016, , 125-147.	0.2	2
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1950	The Mammalian Target of Rapamycin Kinase and Tumor Growth Inhibition. , 2007, 172, 99-124.		33
1951	Molecular Biology of Kidney Cancer. , 2012, , 29-46.		2
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1954	Using Reverse Phase Protein Array (RPPA) to Identify and Target Adaptive Resistance. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1188, 251-266.	0.8	17
1955	Inhibition of autophagy by geniposide protects against myocardial ischemia/reperfusion injury. <i>International Immunopharmacology</i> , 2020, 85, 106609.	1.7	17
1956	Targeting the Î² Kinase Enhancer and Its Feedback Circuit in Pancreatic Cancer. <i>Translational Oncology</i> , 2020, 13, 481-489.	1.7	2
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1965	Predicting drug susceptibility of non-small cell lung cancers based on genetic lesions. <i>Journal of Clinical Investigation</i> , 2009, 119, 1727-1740.	3.9	230
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1967	Hyperactivation of phosphatidylinositol-3 kinase promotes escape from hormone dependence in estrogen receptor-positive human breast cancer. <i>Journal of Clinical Investigation</i> , 2010, 120, 2406-2413.	3.9	447
1968	Next-generation mTOR inhibitors in clinical oncology: how pathway complexity informs therapeutic strategy. <i>Journal of Clinical Investigation</i> , 2011, 121, 1231-1241.	3.9	362
1969	Receptor tyrosine kinases exert dominant control over PI3K signaling in human KRAS mutant colorectal cancers. <i>Journal of Clinical Investigation</i> , 2011, 121, 4311-4321.	3.9	177
1970	mTORC1 is essential for leukemia propagation but not stem cell self-renewal. <i>Journal of Clinical Investigation</i> , 2012, 122, 2114-2129.	3.9	117
1971	mTORC1 inhibition restricts inflammation-associated gastrointestinal tumorigenesis in mice. <i>Journal of Clinical Investigation</i> , 2013, 123, 767-81.	3.9	89
1972	Tumor VEGF:VEGFR2 autocrine feed-forward loop triggers angiogenesis in lung cancer. <i>Journal of Clinical Investigation</i> , 2013, 123, 1732-1740.	3.9	166
1973	The role of RICTOR amplification in targeted therapy and drug resistance. <i>Molecular Medicine</i> , 2020, 26, 20.	1.9	18
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1975	Insulin-like growth factor 1 receptor (IGF-1R): A potential therapeutic target for gastrointestinal stromal tumors (GIST). <i>Journal of Clinical Oncology</i> , 2008, 26, 10507-10507.	0.8	4
1976	Research progress on signaling pathways in cirrhotic portal hypertension. <i>World Journal of Clinical Cases</i> , 2018, 6, 335-343.	0.3	10
1977	Antitumor Activity of Rapamycin in a Phase I Trial for Patients with Recurrent PTEN-Deficient Glioblastoma. <i>PLoS Medicine</i> , 2008, 5, e8.	3.9	499
1978	Analysis of Compound Synergy in High-Throughput Cellular Screens by Population-Based Lifetime Modeling. <i>PLoS ONE</i> , 2010, 5, e8919.	1.1	24
1979	Carboxy Terminal Tail of Polycystin-1 Regulates Localization of TSC2 to Repress mTOR. <i>PLoS ONE</i> , 2010, 5, e9239.	1.1	86

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