Leslie M Shaw

List of Publications by Year
in descending order

26 papers	1,392 citations	516710 16 h-index	642732 23 g-index
26 all docs	26 docs citations	26 times ranked	2216 citing authors

#	Article	IF	Citations
1	Identification of Insulin Receptor Substrate 1 (IRS-1) and IRS-2 as Signaling Intermediates in the α6β4 Integrin-Dependent Activation of Phosphoinositide 3-OH Kinase and Promotion of Invasion. Molecular and Cellular Biology, 2001, 21, 5082-5093.	2.3	165
2	Expression and function of the insulin receptor substrate proteins in cancer. Cell Communication and Signaling, 2009, 7, 14.	6.5	147
3	The insulin receptor substrate (IRS) proteins. Cell Cycle, 2011, 10, 1750-1756.	2.6	136
4	Involvement of Insulin Receptor Substrate 2 in Mammary Tumor Metastasis. Molecular and Cellular Biology, 2004, 24, 9726-9735.	2.3	110
5	<i>Drosophila</i> Sirt2/mammalian SIRT3 deacetylates ATP synthase β and regulates complex V activity. Journal of Cell Biology, 2014, 206, 289-305.	5.2	104
6	Regulated Splicing of the α6 Integrin Cytoplasmic Domain Determines the Fate of Breast Cancer Stem Cells. Cell Reports, 2014, 7, 747-761.	6.4	103
7	Selenium detoxification is required for cancer-cell survival. Nature Metabolism, 2020, 2, 603-611.	11.9	97
8	Divergent Roles for IRS-1 and IRS-2 in Breast Cancer Metastasis. Cell Cycle, 2007, 6, 631-637.	2.6	91
9	Suppression of Insulin Receptor Substrate 1 (IRS-1) Promotes Mammary Tumor Metastasis. Molecular and Cellular Biology, 2006, 26, 9338-9351.	2.3	79
10	Runx1 is associated with breast cancer progression in MMTV–PyMT transgenic mice and its depletion in vitro inhibits migration and invasion. Journal of Cellular Physiology, 2015, 230, 2522-2532.	4.1	63
11	Insulin Receptor Substrate 2-mediated Phosphatidylinositol 3-kinase Signaling Selectively Inhibits Glycogen Synthase Kinase 3β to Regulate Aerobic Glycolysis. Journal of Biological Chemistry, 2014, 289, 18603-18613.	3.4	43
12	Insulin Receptor Substrate-2 Regulates Aerobic Glycolysis in Mouse Mammary Tumor Cells via Glucose Transporter 1. Journal of Biological Chemistry, 2009, 284, 2031-2037.	3.4	37
13	Hypoxia Regulates Insulin Receptor Substrate-2 Expression to Promote Breast Carcinoma Cell Survival and Invasion. Cancer Research, 2009, 69, 8894-8901.	0.9	37
14	Diversity of insulin and IGF signaling in breast cancer: Implications for therapy. Molecular and Cellular Endocrinology, 2021, 527, 111213.	3.2	36
15	Insulin Receptor Substrate-1 (IRS-1) and IRS-2 expression levels are associated with prognosis in non-small cell lung cancer (NSCLC). PLoS ONE, 2019, 14, e0220567.	2.5	21
16	Beclin 1 Promotes Endosome Recruitment of Hepatocyte Growth Factor Tyrosine Kinase Substrate to Suppress Tumor Proliferation. Cancer Research, 2020, 80, 249-262.	0.9	21
17	Differential involvement of the microtubule cytoskeleton in insulin receptor substrate 1 (IRS-1) and IRS-2 signaling to AKT determines the response to microtubule disruption in breast carcinoma cells. Journal of Biological Chemistry, 2017, 292, 7806-7816.	3.4	18
18	IRS2 mutations linked to invasion in pleomorphic invasive lobular carcinoma. JCI Insight, 2018, 3, .	5.0	18

#	Article	IF	Citations
19	RUNX1 and breast cancer. Oncotarget, 2017, 8, 36934-36935.	1.8	16
20	An autophagy-independent function of Beclin 1 in cancer. Molecular and Cellular Oncology, 2016, 3, e1030539.	0.7	13
21	Identification of a Novel Invasion-Promoting Region in Insulin Receptor Substrate 2. Molecular and Cellular Biology, 2018, 38, .	2.3	13
22	Insulin Receptor Substrate Adaptor Proteins Mediate Prognostic Gene Expression Profiles in Breast Cancer. PLoS ONE, 2016, 11, e0150564.	2.5	13
23	Membrane localization of insulin receptor substrate-2 (IRS-2) is associated with decreased overall survival in breast cancer. Breast Cancer Research and Treatment, 2011, 130, 759-772.	2.5	11
24	IRS-1 and microRNAs: Partners in growth regulation. Cell Cycle, 2009, 8, 2484-2488.	2.6	0
25	TBK1 has a new Akt. Journal of Biological Chemistry, 2021, 297, 101244.	3.4	0
26	Abstract B043: Role of IRS2-microtubule interactions in breast carcinoma cell survival. , 2013, , .		0