Jong-In Park

List of Publications by Year in descending order

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39 papers	6,020 citations	394421 19 h-index	302126 39 g-index
39 all docs	39 docs citations	39 times ranked	15827 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	Dabrafenib and Trametinib in Patients With Tumors With BRAF^{V600E} Mutations: Results of the NCI-MATCH Trial Subprotocol H. Journal of Clinical Oncology, 2020, 38, 3895-3904.	1.6	145
3	The Ras/Raf/MEK/Extracellular Signal-Regulated Kinase Pathway Induces Autocrine-Paracrine Growth Inhibition via the Leukemia Inhibitory Factor/JAK/STAT Pathway. Molecular and Cellular Biology, 2003, 23, 543-554.	2.3	119
4	MEK1/2 Inhibitors: Molecular Activity and Resistance Mechanisms. Seminars in Oncology, 2015, 42, 849-862.	2.2	96
5	Raf/MEK/ERK can regulate cellular levels of LC3B and SQSTM1/p62 at expression levels. Experimental Cell Research, 2014, 327, 340-352.	2.6	90
6	A Mortalin/HSPA9-Mediated Switch in Tumor-Suppressive Signaling of Raf/MEK/Extracellular Signal-Regulated Kinase. Molecular and Cellular Biology, 2013, 33, 4051-4067.	2.3	81
7	Noncatalytic Function of ERK1/2 Can Promote Raf/MEK/ERK-mediated Growth Arrest Signaling. Journal of Biological Chemistry, 2009, 284, 33006-33018.	3.4	73
8	IFI16 Is an Essential Mediator of Growth Inhibition, but Not Differentiation, Induced by the Leukemia Inhibitory Factor/JAK/STAT Pathway in Medullary Thyroid Carcinoma Cells. Journal of Biological Chemistry, 2005, 280, 4913-4920.	3.4	48
9	Mitochondria-Targeted Nitroxide, Mito-CP, Suppresses Medullary Thyroid Carcinoma Cell Survival In Vitro and In Vivo. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 1529-1540.	3.6	44
10	Growth arrest signaling of the Raf/MEK/ERK pathway in cancer. Frontiers in Biology, 2014, 9, 95-103.	0.7	44
11	Growth Inhibitory Signaling of the Raf/MEK/ERK Pathway. International Journal of Molecular Sciences, 2020, 21, 5436.	4.1	44
12	Leukemia inhibitory factor can mediate Ras/Raf/MEK/ERK-induced growth inhibitory signaling in medullary thyroid cancer cells. Cancer Letters, 2010, 297, 31-41.	7.2	43
13	The Raf/MEK/extracellular signal-regulated kinase 1/2 pathway can mediate growth inhibitory and differentiation signaling via androgen receptor downregulation in prostate cancer cells. Experimental Cell Research, 2011, 317, 2671-2682.	2.6	41
14	Mortalin (GRP75/HSPA9) Promotes Survival and Proliferation of Thyroid Carcinoma Cells. International Journal of Molecular Sciences, 2019, 20, 2069.	4.1	40
15	Interleukin-1Î² can mediate growth arrest and differentiation via the leukemia inhibitory factor/JAK/STAT pathway in medullary thyroid carcinoma cells. Cytokine, 2005, 29, 125-134.	3.2	32
16	The Role of STAT3 in Thyroid Cancer. Cancers, 2014, 6, 526-544.	3.7	27
17	Sp1 regulates Raf/MEK/ERK-induced p21CIP1 transcription in TP53-mutated cancer cells. Cellular Signalling, 2015, 27, 479-486.	3.6	27
18	Mortalin (HSPA9) facilitates BRAF -mutant tumor cell survival by suppressing ANT3-mediated mitochondrial membrane permeability. Science Signaling, 2020, 13, .	3.6	24

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19	A cellular threshold for active ERK1/2 levels determines Raf/MEK/ERK-mediated growth arrest versus death responses. Cellular Signalling, 2018, 42, 11-20.	3.6	22
20	Mortalin/HSPA9 targeting selectively induces KRAS tumor cell death by perturbing mitochondrial membrane permeability. Oncogene, 2020, 39, 4257-4270.	5.9	22
21	ERK1/2 can feedback-regulate cellular MEK1/2 levels. Cellular Signalling, 2015, 27, 1939-1948.	3.6	21
22	AKT upregulates B-Raf Ser445 phosphorylation and ERK1/2 activation in prostate cancer cells in response to androgen depletion. Experimental Cell Research, 2013, 319, 1732-1743.	2.6	20
23	Steady-State Levels of Phosphorylated Mitogen-Activated Protein Kinase Kinase 1/2 Determined by Mortalin/HSPA9 and Protein Phosphatase 1 Alpha in KRAS and BRAF Tumor Cells. Molecular and Cellular Biology, 2017, 37, .	2.3	20
24	Suppression of B-Raf^{V600E} melanoma cell survival by targeting mitochondria using triphenyl-phosphonium-conjugated nitroxide or ubiquinone. Cancer Biology and Therapy, 2017, 18, 106-114.	3.4	20
25	Active <scp>ERK</scp>2 is sufficient to mediate growth arrest and differentiation signaling. FEBS Journal, 2015, 282, 1017-1030.	4.7	19
26	Selective Mitochondrial Uptake of MKT-077 Can Suppress Medullary Thyroid Carcinoma Cell SurvivalIn VitroandIn Vivo. Endocrinology and Metabolism, 2015, 30, 593.	3.0	17
27	Vandetanib and cabozantinib potentiate mitochondria-targeted agents to suppress medullary thyroid carcinoma cells. Cancer Biology and Therapy, 2017, 18, 473-483.	3.4	17
28	GDNF-induced leukemia inhibitory factor can mediate differentiation via the MEK/ERK pathway in pheochromocytoma cells derived from nf1-heterozygous knockout mice. Experimental Cell Research, 2004, 303, 79-88.	2.6	15
29	Autophagy sensitivity of neuroendocrine lung tumor cells. International Journal of Oncology, 2013, 43, 2031-2038.	3.3	15
30	Kinome sequencing reveals RET G691S polymorphism in human neuroendocrine lung cancer cell lines. Genes and Genomics, 2014, 36, 829-841.	1.4	15
31	Recombinant leukemia inhibitory factor suppresses human medullary thyroid carcinoma cell line xenografts in mice. Cancer Letters, 2013, 339, 144-151.	7.2	14
32	Phosphoinositide and Erk signaling pathways mediate activityâ€driven rodent olfactory sensory neuronal survival and stress mitigation. Journal of Neurochemistry, 2015, 134, 486-498.	3.9	14
33	Mortalin depletion induces MEK/ERK-dependent and ANT/CypD-mediated death in vemurafenib-resistant B-RafV600E melanoma cells. Cancer Letters, 2021, 502, 25-33.	7.2	11
34	Pediatric Medullary Thyroid Carcinoma. Journal of Pediatric Oncology, 2016, 3, 29-37.	0.1	10
35	Dabrafenib and trametinib in patients with tumors with BRAF V600E/K mutations: Results from the molecular analysis for therapy choice (MATCH) Arm H.. Journal of Clinical Oncology, 2019, 37, 3002-3002.	1.6	10
36	Analogs of the Heat Shock Protein 70 Inhibitor MKT-077 Suppress Medullary Thyroid Carcinoma Cells. International Journal of Molecular Sciences, 2022, 23, 1063.	4.1	9

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37	Treatment of Cells and Tissues with Chromate Maximizes Mitochondrial 2Fe2S EPR Signals. International Journal of Molecular Sciences, 2019, 20, 1143.	4.1	5
38	Anticholestatic Effect of Bardoxolone Methyl on Hepatic Ischemia-reperfusion Injury in Rats. Transplantation Direct, 2020, 6, e584.	1.6	4
39	eIF5A-Independent Role of DHPS in p21CIP1 and Cell Fate Regulation. International Journal of Molecular Sciences, 2021, 22, 13187.	4.1	1