David F Kashatus

List of Publications by Year in descending order

38 papers	2,901 citations	257101 24 h-index	344852 36 g-index
40 all docs	40 docs citations	40 times ranked	5230 citing authors

#	Article	IF	Citations
1	Regulation of mitochondrial fission by GIPC-mediated Drp1 retrograde transport. Molecular Biology of the Cell, 2022, 33, mbcE21060286.	0.9	10
2	ISL2 is a putative tumor suppressor whose epigenetic silencing reprograms the metabolism of pancreatic cancer. Developmental Cell, 2022, 57, 1331-1346.e9.	3.1	9
3	Mitochondrial dynamics in cancer stem cells. Cellular and Molecular Life Sciences, 2021, 78, 3803-3816.	2.4	27
4	RalA and PLD1 promote lipid droplet growth in response to nutrient withdrawal. Cell Reports, 2021, 36, 109451.	2.9	16
5	Mitochondria-localized AMPK responds to local energetics and contributes to exercise and energetic stress-induced mitophagy. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	75
6	Mito Hacker: a set of tools to enable high-throughput analysis of mitochondrial network morphology. Scientific Reports, 2020, 10, 18941.	1.6	23
7	PIM kinases alter mitochondrial dynamics and chemosensitivity in lung cancer. Oncogene, 2020, 39, 2597-2611.	2.6	45
8	miRâ€206 family is important for mitochondrial and muscle function, but not essential for myogenesis in vitro. FASEB Journal, 2020, 34, 7687-7702.	0.2	17
9	Drp1 Promotes KRas-Driven Metabolic Changes to Drive Pancreatic Tumor Growth. Cell Reports, 2019, 28, 1845-1859.e5.	2.9	93
10	RalA and RalB relocalization to depolarized mitochondria depends on clathrin-mediated endocytosis and facilitates TBK1 activation. PLoS ONE, 2019, 14, e0214764.	1.1	9
11	Conditional MitoTimer reporter mice for assessment of mitochondrial structure, oxidative stress, and mitophagy. Mitochondrion, 2019, 44, 20-26.	1.6	43
12	Mitochondrial protein S-nitrosation protects against ischemia reperfusion-induced denervation at neuromuscular junction in skeletal muscle. Free Radical Biology and Medicine, 2018, 117, 180-190.	1.3	21
13	Segmented cell analyses to measure redox states of autofluorescent NAD(P)H, FAD & Trp in cancer cells by FLIM. Scientific Reports, 2018, 8, 79.	1.6	73
14	The regulation of tumor cell physiology by mitochondrial dynamics. Biochemical and Biophysical Research Communications, 2018, 500, 9-16.	1.0	42
15	Dynamin-Related Protein 1 Deficiency Promotes Recovery from AKI. Journal of the American Society of Nephrology: JASN, 2018, 29, 194-206.	3.0	110
16	MDVs: Spare the SOD and Spoil the Bug. Cell Host and Microbe, 2018, 24, 616-618.	5.1	1
17	Label-Free Quantification of Intracellular Mitochondrial Dynamics Using Dielectrophoresis. Analytical Chemistry, 2017, 89, 5757-5764.	3.2	52
18	Detection and Quantification of Mitochondrial Fusion Using Imaging Flow Cytometry. Current Protocols in Cytometry, 2017, 81, 9.53.1-9.53.13.	3.7	1

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19	The Interplay between Oncogenic Signaling Networks and Mitochondrial Dynamics. Antioxidants, 2017, 6, 33.	2.2	31
20	Restraining the Divider: A Drp1-Phospholipid Interaction Inhibits Drp1 Activity and Shifts the Balance from Mitochondrial Fission to Fusion. Molecular Cell, 2016, 63, 913-915.	4.5	8
21	Highâ€throughput detection and quantification of mitochondrial fusion through imaging flow cytometry. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2016, 89, 708-719.	1.1	9
22	Erk2 Phosphorylation of Drp1 Promotes Mitochondrial Fission and MAPK-Driven Tumor Growth. Molecular Cell, 2015, 57, 537-551.	4.5	509
23	Mitochondrial control by DRP1 in brain tumor initiating cells. Nature Neuroscience, 2015, 18, 501-510.	7.1	306
24	An In Vitro System to Evaluate the Scaffold Function of the RalA Effector Protein RalBP1. Methods in Molecular Biology, 2014, 1120, 207-216.	0.4	0
25	Ral GTPases in tumorigenesis: Emerging from the shadows. Experimental Cell Research, 2013, 319, 2337-2342.	1.2	52
26	Targeting eNOS in Pancreatic Cancer. Cancer Research, 2012, 72, 4472-4482.	0.4	54
27	RALA and RALBP1 regulate mitochondrial fission atÂmitosis. Nature Cell Biology, 2011, 13, 1108-1115.	4.6	327
28	Breaking up is hard to do. Small GTPases, 2011, 2, 329-333.	0.7	10
29	Ral activation promotes melanomagenesis. Oncogene, 2010, 29, 4859-4864.	2.6	38
30	cPLA2 Regulates the Expression of Type I Interferons and Intracellular Immunity to Chlamydia trachomatis. Journal of Biological Chemistry, 2010, 285, 21625-21635.	1.6	37
31	Aurora-A Phosphorylates, Activates, and Relocalizes the Small GTPase RalA. Molecular and Cellular Biology, 2010, 30, 508-523.	1.1	100
32	A Role for eNOS in Oncogenic Ras-Driven Cancer. , 2010, , 23-38.		1
33	Tumour maintenance is mediated by eNOS. Nature, 2008, 452, 646-649.	13.7	289
34	Expression of Nuclear Factor-kappaB Family Proteins in Hepatocellular Carcinomas. Oncology, 2007, 72, 97-104.	0.9	37
35	Expression of the Bcl-3 proto-oncogene suppresses p53 activation. Genes and Development, 2006, 20, 225-235.	2.7	123
36	The Nuclear Factor ÎºB Subunits RelA/p65 and c-Rel Potentiate but Are Not Required for Ras-Induced Cellular Transformation. Cancer Research, 2004, 64, 7248-7255.	0.4	52

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37	NF-Î°B and IÎ°BÎ± Are Found in the Mitochondria. Journal of Biological Chemistry, 2003, 278, 2963-2968.	1.6	171
38	The p65/RelA Subunit of NF-Î°B Suppresses the Sustained, Antiapoptotic Activity of Jun Kinase Induced by Tumor Necrosis Factor. Molecular and Cellular Biology, 2002, 22, 8175-8183.	1.1	80