

Richard A Franklin

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55
papers

4,776
citations

26
h-index

58
g-index

58
ext. papers

5,162
ext. citations

5.1
avg, IF

4.61
L-index

#	Paper	IF	Citations
55	Roles of the Raf/MEK/ERK pathway in cell growth, malignant transformation and drug resistance. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2007 , 1773, 1263-84	4.9	1532
54	Reactive oxygen species-induced activation of the MAP kinase signaling pathways. <i>Antioxidants and Redox Signaling</i> , 2006 , 8, 1775-89	8.4	588
53	Roles of the RAF/MEK/ERK and PI3K/PTEN/AKT pathways in malignant transformation and drug resistance. <i>Advances in Enzyme Regulation</i> , 2006 , 46, 249-79		518
52	Ras/Raf/MEK/ERK and PI3K/PTEN/Akt/mTOR inhibitors: rationale and importance to inhibiting these pathways in human health. <i>Oncotarget</i> , 2011 , 2, 135-64	3.3	456
51	Ras/Raf/MEK/ERK and PI3K/PTEN/Akt/mTOR cascade inhibitors: how mutations can result in therapy resistance and how to overcome resistance. <i>Oncotarget</i> , 2012 , 3, 1068-111	3.3	250
50	Redox regulation of the calcium/calmodulin-dependent protein kinases. <i>Journal of Biological Chemistry</i> , 2004 , 279, 44573-81	5.4	105
49	Effects of the RAF/MEK/ERK and PI3K/AKT signal transduction pathways on the abrogation of cytokine-dependence and prevention of apoptosis in hematopoietic cells. <i>Oncogene</i> , 2003 , 22, 2478-92	9.2	92
48	A conditionally-active form of MEK1 results in autocrine transformation of human and mouse hematopoietic cells. <i>Oncogene</i> , 2000 , 19, 526-36	9.2	73
47	Involvement of Akt and mTOR in chemotherapeutic- and hormonal-based drug resistance and response to radiation in breast cancer cells. <i>Cell Cycle</i> , 2011 , 10, 3003-15	4.7	71
46	Involvement of Akt-1 and mTOR in sensitivity of breast cancer to targeted therapy. <i>Oncotarget</i> , 2011 , 2, 538-50	3.3	69
45	Targeting the RAF/MEK/ERK, PI3K/AKT and p53 pathways in hematopoietic drug resistance. <i>Advances in Enzyme Regulation</i> , 2007 , 47, 64-103		63
44	Rapamycin inhibits the phosphorylation of p70 S6 kinase in IL-2 and mitogen-activated human T cells. <i>Biochemical and Biophysical Research Communications</i> , 1992 , 186, 1315-21	3.4	62
43	Calcium/calmodulin-dependent kinase I and calcium/calmodulin-dependent kinase kinase participate in the control of cell cycle progression in MCF-7 human breast cancer cells. <i>Cancer Research</i> , 2005 , 65, 5408-16	10.1	60
42	EGF induces cell motility and multi-drug resistance gene expression in breast cancer cells. <i>Cell Cycle</i> , 2006 , 5, 2820-6	4.7	56
41	Calcium-induced ERK activation in human T lymphocytes occurs via p56(Lck) and CaM-kinase. <i>Molecular Immunology</i> , 2000 , 37, 675-83	4.3	53
40	Participation of the calcium/calmodulin-dependent kinases in hydrogen peroxide-induced I κ B phosphorylation in human T lymphocytes. <i>Journal of Biological Chemistry</i> , 2002 , 277, 30469-76	5.4	49
39	The epidermal growth factor receptor gene family as a target for therapeutic intervention in numerous cancers: what's genetics got to do with it?. <i>Expert Opinion on Therapeutic Targets</i> , 2005 , 9, 1009-30	6.4	45

38	Signaling intermediates (MAPK and PI3K) as therapeutic targets in NSCLC. <i>Current Pharmaceutical Design</i> , 2014 , 20, 3944-57	3.3	42
37	Molecular pathways leading to oxidative stress-induced phosphorylation of Akt. <i>Antioxidants and Redox Signaling</i> , 2006 , 8, 1749-56	8.4	39
36	Advances in targeting signal transduction pathways. <i>Oncotarget</i> , 2012 , 3, 1505-21	3.3	39
35	Activation of the calcium/calmodulin-dependent protein kinases as a consequence of oxidative stress. <i>Antioxidants and Redox Signaling</i> , 2006 , 8, 1807-17	8.4	36
34	Induction of IL-2 and lymphokine activated killer cells in the cat. <i>Veterinary Immunology and Immunopathology</i> , 1987 , 16, 1-10	2	33
33	17-Allylamino-17-demethoxygeldanamycin enhances the lethality of deoxycholic acid in primary rodent hepatocytes and established cell lines. <i>Molecular Cancer Therapeutics</i> , 2007 , 6, 618-32	6.1	28
32	Calcium/calmodulin-dependent protein kinases as potential targets in cancer therapy. <i>Expert Opinion on Therapeutic Targets</i> , 2005 , 9, 791-808	6.4	27
31	Macrophages suppress lectin-induced proliferation of lymphocytes from aged rats. <i>Mechanisms of Ageing and Development</i> , 1993 , 67, 33-46	5.6	27
30	Glutathione augments in vitro proliferative responses of lymphocytes to concanavalin A to a greater degree in old than in young rats. <i>Journal of Nutrition</i> , 1990 , 120, 1710-7	4.1	27
29	Inhibition of the CaM-kinases augments cell death in response to oxygen radicals and oxygen radical inducing cancer therapies in MCF-7 human breast cancer cells. <i>Cancer Biology and Therapy</i> , 2006 , 5, 1022-30	4.6	25
28	Conditional EGFR promotes cell cycle progression and prevention of apoptosis in the absence of autocrine cytokines. <i>Cell Cycle</i> , 2005 , 4, 822-30	4.7	25
27	Signal transduction by interleukin 2 in human T cells: activation of tyrosine and ribosomal S6 kinases and cell-cycle regulatory genes. <i>Journal of Cellular Physiology</i> , 1992 , 151, 367-77	7	25
26	Ectopic NGAL expression can alter sensitivity of breast cancer cells to EGFR, Bcl-2, CaM-K inhibitors and the plant natural product berberine. <i>Cell Cycle</i> , 2012 , 11, 4447-61	4.7	21
25	Alteration of Akt activity increases chemotherapeutic drug and hormonal resistance in breast cancer yet confers an achilles heel by sensitization to targeted therapy. <i>Advances in Enzyme Regulation</i> , 2008 , 48, 113-35		20
24	Human CD45RA+ and CD45RO+ T cells exhibit similar CD3/T cell receptor-mediated transmembrane signaling capacities but differ in response to co-stimulatory signals. <i>European Journal of Immunology</i> , 1994 , 24, 1391-5	6.1	20
23	Effects of a conditionally active v-ErbB and an EGF-R inhibitor on transformation of NIH-3T3 cells and abrogation of cytokine dependency of hematopoietic cells. <i>Oncogene</i> , 2004 , 23, 7810-20	9.2	19
22	Synergistic effects of pi3k/akt on abrogation of cytokine-dependency induced by oncogenic raf. <i>Advances in Enzyme Regulation</i> , 2001 , 41, 289-323		18
21	OSU-03012 in the treatment of glioblastoma. <i>Molecular Pharmacology</i> , 2006 , 70, 437-9	4.3	15

20	Increased NGAL (Lnc2) expression after chemotherapeutic drug treatment. <i>Advances in Biological Regulation</i> , 2013 , 53, 146-55	6.2	14
19	Novel approaches to target cancer initiating cells-eliminating the root of the cancer. <i>Advances in Biological Regulation</i> , 2012 , 52, 249-64	6.2	13
18	Targeting the cancer initiating cell: the AchillesSheel of cancer. <i>Advances in Enzyme Regulation</i> , 2011 , 51, 152-62		13
17	Oxidative stress regulates the interaction of p16 with Cdk4. <i>Biochemical and Biophysical Research Communications</i> , 2000 , 275, 764-7	3.4	13
16	The proliferative response of rat T cells to calcium ionophores increases with age. <i>Cellular Immunology</i> , 1990 , 130, 416-28	4.4	12
15	Inhibition of CREB transcriptional activity in human T lymphocytes by oxidative stress. <i>Free Radical Biology and Medicine</i> , 2005 , 38, 1653-61	7.8	10
14	T cell receptor assembly and expression in the absence of calnexin. <i>Archives of Biochemistry and Biophysics</i> , 2000 , 378, 182-9	4.1	10
13	Effects of endogenous epidermal growth factor receptor signaling on DNA synthesis and ERK activation in a cytokine-dependent hematopoietic cell line. <i>Cell Cycle</i> , 2005 , 4, 818-21	4.7	9
12	Models of anergy in the human Jurkat T cell line. <i>Assay and Drug Development Technologies</i> , 2003 , 1, 537-44	4.4	8
11	Regulation of Pyk2 expression by p56(Lck) in Jurkat T lymphocytes. <i>Cellular Signalling</i> , 2001 , 13, 65-9	4.9	8
10	B-raf and insulin synergistically prevent apoptosis and induce cell cycle progression in hematopoietic cells. <i>Cell Cycle</i> , 2004 , 3, 189-96	4.7	7
9	B-Raf and Insulin Synergistically Prevent Apoptosis and Induce Cell Cycle Progression in Hematopoietic Cell. <i>Cell Cycle</i> , 2004 , 3, 184-191	4.7	3
8	Critical Roles of the Raf/MEK/ERK Pathway in Apoptosis and Drug Resistance 2006 , 101-134		2
7	Two targets are better than one. Promising combination therapy to treat breast cancer. <i>Cancer Biology and Therapy</i> , 2005 , 4, 1190-1	4.6	1
6	A soluble 61-kDa protein is associated with inhibition of lectin-induced proliferation and IL-2 synthesis. <i>Experimental Biology and Medicine</i> , 1987 , 186, 1-12	3.7	1
5	Wild type and gain of function mutant TP53 can regulate the sensitivity of pancreatic cancer cells to chemotherapeutic drugs, EGFR/Ras/Raf/MEK, and PI3K/mTORC1/GSK-3 pathway inhibitors, nutraceuticals and alter metabolic properties.. <i>Aging</i> , 2022 , 14, 3365-3386	5.6	0
4	A multipronged approach to prostate cancer. <i>Cancer Biology and Therapy</i> , 2008 , 7, 594-5	4.6	
3	Polyphenols in breast cancer treatment. <i>Cancer Biology and Therapy</i> , 2007 , 6, 62-3	4.6	

- 2 The use of the yeast two-hybrid system to measure protein-protein interactions that occur following oxidative stress. *Methods in Molecular Biology*, **2003**, 218, 47-57 1.4
- 1 Targeting Survival Cascades Induced by Activation of Ras/Raf/MEK/ERK and PI3K/Akt Pathways to Sensitize Cancer Cells to Therapy **2008**, 81-114