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List of Publications by Year
in descending order

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48 papers	1,794 citations	236612 25 h-index	264894 42 g-index
48 all docs	48 docs citations	48 times ranked	2801 citing authors

#	Article	IF	Citations
1	Full Activation of PKB/Akt in Response to Insulin or Ionizing Radiation Is Mediated through ATM. Journal of Biological Chemistry, 2005, 280, 4029-4036.	1.6	231
2	The cyclopentenone 15-deoxy-Â12,14-prostaglandin J2 binds to and activates H-Ras. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 4772-4777.	3.3	124
3	Natural Occurrence of Drug Resistance Mutations in the Reverse Transcriptase of Human Immunodeficiency Virus Type 1 Isolates. AIDS Research and Human Retroviruses, 1994, 10, 1479-1488.	0.5	89
4	Immortalized Mouse Mammary Fibroblasts Lacking Dioxin Receptor Have Impaired Tumorigenicity in a Subcutaneous Mouse Xenograft Model. Journal of Biological Chemistry, 2005, 280, 28731-28741.	1.6	87
5	AplidinÂ® induces JNK-dependent apoptosis in human breast cancer cells via alteration of glutathione homeostasis, Rac1 GTPase activation, and MKP-1 phosphatase downregulation. Cell Death and Differentiation, 2006, 13, 1968-1981.	5.0	73
6	Endothelial nitric oxide synthase regulates N-Ras activation on the Golgi complex of antigen-stimulated T cells. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 10507-10512.	3.3	71
7	Characterization of genetic variation and 3'-azido-3'-deoxythymidine- resistance mutations of human immunodeficiency virus by the RNase A mismatch cleavage method.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 4280-4284.	3.3	69
8	Mammalian Son of Sevenless Guanine Nucleotide Exchange Factors: Old Concepts and New Perspectives. Genes and Cancer, 2011, 2, 298-305.	0.6	66
9	SPROUTY-2 and E-cadherin regulate reciprocally and dictate colon cancer cell tumourigenicity. Oncogene, 2010, 29, 4800-4813.	2.6	63
10	Modification and Activation of Ras Proteins by Electrophilic Prostanoids with Different Structure are Site-Selective. Biochemistry, 2007, 46, 6607-6616.	1.2	62
11	SJ23B, a jatrophane diterpene activates classical PKCs and displays strong activity against HIV in vitro. Biochemical Pharmacology, 2009, 77, 965-978.	2.0	54
12	Cell Density-Dependent Inhibition of Epidermal Growth Factor Receptor Signaling by p38Î± Mitogen-Activated Protein Kinase via Sprouty2 Downregulation. Molecular and Cellular Biology, 2009, 29, 3332-3343.	1.1	52
13	Sprouty-2 Overexpression in C2C12 Cells Confers Myogenic Differentiation Properties in the Presence of FGF2. Molecular Biology of the Cell, 2005, 16, 4454-4461.	0.9	49
14	Clinical value of p53, c-erbB-2, CEA and CA125 regarding relapse, metastasis and death in resectable non-small cell lung cancer. International Journal of Cancer, 2003, 107, 781-790.	2.3	48
15	Grb2 Is a Negative Modulator of the Intrinsic Ras-GEF Activity of hSos1. Molecular Biology of the Cell, 2006, 17, 3591-3597.	0.9	46
16	Plitidepsin Has a Dual Effect Inhibiting Cell Cycle and Inducing Apoptosis via Rac1/c-Jun NH₂-Terminal Kinase Activation in Human Melanoma Cells. Journal of Pharmacology and Experimental Therapeutics, 2008, 324, 1093-1101.	1.3	45
17	Transformation suppressor activity of C3G is independent of its CDC25-homology domain. Oncogene, 1998, 16, 613-624.	2.6	40
18	SPROUTY-2 represses the epithelial phenotype of colon carcinoma cells via upregulation of ZEB1 mediated by ETS1 and miR-200/miR-150. Oncogene, 2016, 35, 2991-3003.	2.6	40

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19	Potentiation of tumor formation by topical administration of 15-deoxy-Î” 12,14 -prostaglandin J 2 in a model of skin carcinogenesis. Carcinogenesis, 2006, 27, 328-336.	1.3	37
20	Genetic analysis ofRET, GFRÎ±1andGDNFgenes in Spanish families with multiple endocrine neoplasia type 2A. International Journal of Cancer, 2002, 99, 299-304.	2.3	34
21	The C-Terminus of H-Ras as a Target for the Covalent Binding of Reactive Compounds Modulating Ras-Dependent Pathways. PLoS ONE, 2011, 6, e15866.	1.1	30
22	H-Ras-specific activation of NF-ÎºB protects NIH 3T3 cells against stimulus-dependent apoptosis. Oncogene, 2003, 22, 477-483.	2.6	27
23	The P34G Mutation Reduces the Transforming Activity of K-Ras and N-Ras in NIH 3T3 Cells but Not of H-Ras. Journal of Biological Chemistry, 2004, 279, 33480-33491.	1.6	26
24	hSos1 Contains a New Amino-terminal Regulatory Motif with Specific Binding Affinity for Its Pleckstrin Homology Domain. Journal of Biological Chemistry, 2002, 277, 44171-44179.	1.6	25
25	The histone acetyltransferases CBP/p300 are degraded in NIH 3T3 cells by activation of Ras signalling pathway. Biochemical Journal, 2006, 398, 215-224.	1.7	25
26	Epigenetic inactivation of the ERK inhibitor Spry2 in B-cell diffuse lymphomas. Oncogene, 2008, 27, 4969-4972.	2.6	25
27	ras Genes and Human Cancer: Different Implications and Different Roles. Current Genomics, 2002, 3, 295-311.	0.7	25
28	Plitidepsin Cellular Binding and Rac1/JNK Pathway Activation Depend on Membrane Cholesterol Content. Molecular Pharmacology, 2006, 70, 1654-1663.	1.0	24
29	Sprouty2 binds Grb2 at two different proline-rich regions, and the mechanism of ERK inhibition is independent of this interaction. Cellular Signalling, 2007, 19, 2277-2285.	1.7	22
30	Intersectin 1 Enhances Cbl Ubiquitylation of Epidermal Growth Factor Receptor through Regulation of Sprouty2-Cbl Interaction. Molecular and Cellular Biology, 2012, 32, 817-825.	1.1	21
31	The isoform-specific stretch of hSos1 defines a new Grb2-binding domain. Oncogene, 2000, 19, 5872-5883.	2.6	19
32	Molecular epidemiology of HIV-1 in Madrid. Virus Research, 1994, 31, 331-342.	1.1	18
33	E1a Gene Expression Blocks the ERK1/2 Signaling Pathway by Promoting Nuclear Localization and MKP Up-regulation. Journal of Biological Chemistry, 2008, 283, 13450-13458.	1.6	17
34	Isoform-specific insertion near the Grb2-binding domain modulates the intrinsic guanine nucleotide exchange activity of hSos1. Oncogene, 1999, 18, 1651-1661.	2.6	13
35	The CSN3 subunit of the COP9 signalosome interacts with the HD region of Sos1 regulating stability of this GEF protein. Oncogenesis, 2019, 8, 2.	2.1	12
36	Regulation of CBP and Tip60 coordinates histone acetylation at local and global levels during Ras-induced transformation. Carcinogenesis, 2014, 35, 2194-2202.	1.3	11

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37	Analysis of genetic variability of populations of herpes simplex viruses. Virus Research, 1993, 28, 249-261.	1.1	10
38	Comparative study of the genetic variability in thymidine kinase and glycoprotein B genes of herpes simplex viruses by the RNase A mismatch cleavage method. Virus Research, 1995, 35, 205-214.	1.1	10
39	Isolated Sos1 PH Domain Exhibits Germinal Vesicle Breakdown-inducing Activity in Oocytes. Journal of Biological Chemistry, 1996, 271, 18272-18276.	1.6	10
40	Nuclear Exclusion of Forkhead Box O and Elk1 and Activation of Nuclear Factor-ÎºB Are Required for C2C12-RasV12C40 Myoblast Differentiation. Endocrinology, 2008, 149, 793-801.	1.4	10
41	p53/MDM2 Pathway Aberrations in Parathyroid Tumors: p21^{WAF-1} and MDM2 Are Frequently Overexpressed in Parathyroid Adenomas. Endocrine Pathology, 2000, 11, 251-258.	5.2	7
42	PGA1-induced apoptosis involves specific activation of H-Ras and N-Ras in cellular endomembranes. Cell Death and Disease, 2016, 7, e2311-e2311.	2.7	7
43	Ras-Gefs and Ras Gaps. , 2006, , 15-43.		6
44	Genetic Analysis of Herpes Simplex Virus Type 1 Isolates from Recurrent Lesions and Clinical Reinfections. Journal of Infectious Diseases, 1995, 172, 1602-1605.	1.9	5
45	Analysis of the Cyclin D1/p16/pRb Pathway in Parathyroid Adenomas. Endocrine Pathology, 2000, 11, 259-266.	5.2	4
46	Sprouty2 and Spred1-2 Proteins Inhibit the Activation of the ERK Pathway Elicited by Cyclopentenone Prostanoids. PLoS ONE, 2011, 6, e16787.	1.1	4
47	Shoc2/Sur8 Protein Regulates Neurite Outgrowth. PLoS ONE, 2014, 9, e114837.	1.1	1
48	Evaluation of three methods for typing herpes simpex viras. European Journal of Clinical Microbiology and Infectious Diseases, 1987, 6, 664-667.	1.3	0