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List of Publications by Year in descending order

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48
papers

1,794
citations

236925

25
h-index

265206

42
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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. <i>Journal of Biological Chemistry</i> , 2005, 280, 4029-4036.	3.4	231
2	The cyclopentenone 15-deoxy- $\Delta^{12,14}$ -prostaglandin J ₂ binds to and activates H-Ras. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 4772-4777.	7.1	124
3	Natural Occurrence of Drug Resistance Mutations in the Reverse Transcriptase of Human Immunodeficiency Virus Type 1 Isolates. <i>AIDS Research and Human Retroviruses</i> , 1994, 10, 1479-1488.	1.1	89
4	Immortalized Mouse Mammary Fibroblasts Lacking Dioxin Receptor Have Impaired Tumorigenicity in a Subcutaneous Mouse Xenograft Model. <i>Journal of Biological Chemistry</i> , 2005, 280, 28731-28741.	3.4	87
5	Aplidin® induces JNK-dependent apoptosis in human breast cancer cells via alteration of glutathione homeostasis, Rac1 GTPase activation, and MKP-1 phosphatase downregulation. <i>Cell Death and Differentiation</i> , 2006, 13, 1968-1981.	11.2	73
6	Endothelial nitric oxide synthase regulates N-Ras activation on the Golgi complex of antigen-stimulated T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 10507-10512.	7.1	71
7	Characterization of genetic variation and 3'-azido-3'-deoxythymidine- resistance mutations of human immunodeficiency virus by the RNase A mismatch cleavage method.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991, 88, 4280-4284.	7.1	69
8	Mammalian Son of Sevenless Guanine Nucleotide Exchange Factors: Old Concepts and New Perspectives. <i>Genes and Cancer</i> , 2011, 2, 298-305.	1.9	66
9	SPROUTY-2 and E-cadherin regulate reciprocally and dictate colon cancer cell tumourigenicity. <i>Oncogene</i> , 2010, 29, 4800-4813.	5.9	63
10	Modification and Activation of Ras Proteins by Electrophilic Prostanoids with Different Structure are Site-Selective. <i>Biochemistry</i> , 2007, 46, 6607-6616.	2.5	62
11	SJ23B, a jatrophone diterpene activates classical PKCs and displays strong activity against HIV in vitro. <i>Biochemical Pharmacology</i> , 2009, 77, 965-978.	4.4	54
12	Cell Density-Dependent Inhibition of Epidermal Growth Factor Receptor Signaling by p38 β Mitogen-Activated Protein Kinase via Sprouty2 Downregulation. <i>Molecular and Cellular Biology</i> , 2009, 29, 3332-3343.	2.3	52
13	Sprouty-2 Overexpression in C2C12 Cells Confers Myogenic Differentiation Properties in the Presence of FGF2. <i>Molecular Biology of the Cell</i> , 2005, 16, 4454-4461.	2.1	49
14	Clinical value of p53, c-erbB-2, CEA and CA125 regarding relapse, metastasis and death in resectable non-small cell lung cancer. <i>International Journal of Cancer</i> , 2003, 107, 781-790.	5.1	48
15	Grb2 Is a Negative Modulator of the Intrinsic Ras-GEF Activity of hSos1. <i>Molecular Biology of the Cell</i> , 2006, 17, 3591-3597.	2.1	46
16	Plitidepsin Has a Dual Effect Inhibiting Cell Cycle and Inducing Apoptosis via Rac1/c-Jun NH ₂ -Terminal Kinase Activation in Human Melanoma Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 324, 1093-1101.	2.5	45
17	Transformation suppressor activity of C3G is independent of its CDC25-homology domain. <i>Oncogene</i> , 1998, 16, 613-624.	5.9	40
18	SPROUTY-2 represses the epithelial phenotype of colon carcinoma cells via upregulation of ZEB1 mediated by ETS1 and miR-200/miR-150. <i>Oncogene</i> , 2016, 35, 2991-3003.	5.9	40

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19	Potential of tumor formation by topical administration of 15-deoxy- $\Delta^{12,14}$ -prostaglandin J ₂ in a model of skin carcinogenesis. <i>Carcinogenesis</i> , 2006, 27, 328-336.	2.8	37
20	Genetic analysis of RET, GFR α 1 and GDNF genes in Spanish families with multiple endocrine neoplasia type 2A. <i>International Journal of Cancer</i> , 2002, 99, 299-304.	5.1	34
21	The C-Terminus of H-Ras as a Target for the Covalent Binding of Reactive Compounds Modulating Ras-Dependent Pathways. <i>PLoS ONE</i> , 2011, 6, e15866.	2.5	30
22	H-Ras-specific activation of NF- κ B protects NIH 3T3 cells against stimulus-dependent apoptosis. <i>Oncogene</i> , 2003, 22, 477-483.	5.9	27
23	The P34G Mutation Reduces the Transforming Activity of K-Ras and N-Ras in NIH 3T3 Cells but Not of H-Ras. <i>Journal of Biological Chemistry</i> , 2004, 279, 33480-33491.	3.4	26
24	hSos1 Contains a New Amino-terminal Regulatory Motif with Specific Binding Affinity for Its Pleckstrin Homology Domain. <i>Journal of Biological Chemistry</i> , 2002, 277, 44171-44179.	3.4	25
25	The histone acetyltransferases CBP/p300 are degraded in NIH 3T3 cells by activation of Ras signalling pathway. <i>Biochemical Journal</i> , 2006, 398, 215-224.	3.7	25
26	Epigenetic inactivation of the ERK inhibitor Spry2 in B-cell diffuse lymphomas. <i>Oncogene</i> , 2008, 27, 4969-4972.	5.9	25
27	ras Genes and Human Cancer: Different Implications and Different Roles. <i>Current Genomics</i> , 2002, 3, 295-311.	1.6	25
28	Plitidepsin Cellular Binding and Rac1/JNK Pathway Activation Depend on Membrane Cholesterol Content. <i>Molecular Pharmacology</i> , 2006, 70, 1654-1663.	2.3	24
29	Sprouty2 binds Grb2 at two different proline-rich regions, and the mechanism of ERK inhibition is independent of this interaction. <i>Cellular Signalling</i> , 2007, 19, 2277-2285.	3.6	22
30	Intersectin 1 Enhances Cbl Ubiquitylation of Epidermal Growth Factor Receptor through Regulation of Sprouty2-Cbl Interaction. <i>Molecular and Cellular Biology</i> , 2012, 32, 817-825.	2.3	21
31	The isoform-specific stretch of hSos1 defines a new Grb2-binding domain. <i>Oncogene</i> , 2000, 19, 5872-5883.	5.9	19
32	Molecular epidemiology of HIV-1 in Madrid. <i>Virus Research</i> , 1994, 31, 331-342.	2.2	18
33	E1a Gene Expression Blocks the ERK1/2 Signaling Pathway by Promoting Nuclear Localization and MKP Up-regulation. <i>Journal of Biological Chemistry</i> , 2008, 283, 13450-13458.	3.4	17
34	Isoform-specific insertion near the Grb2-binding domain modulates the intrinsic guanine nucleotide exchange activity of hSos1. <i>Oncogene</i> , 1999, 18, 1651-1661.	5.9	13
35	The CSN3 subunit of the COP9 signalosome interacts with the HD region of Sos1 regulating stability of this GEF protein. <i>Oncogenesis</i> , 2019, 8, 2.	4.9	12
36	Regulation of CBP and Tip60 coordinates histone acetylation at local and global levels during Ras-induced transformation. <i>Carcinogenesis</i> , 2014, 35, 2194-2202.	2.8	11

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37	Analysis of genetic variability of populations of herpes simplex viruses. <i>Virus Research</i> , 1993, 28, 249-261.	2.2	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. <i>Virus Research</i> , 1995, 35, 205-214.	2.2	10
39	Isolated Sos1 PH Domain Exhibits Germinal Vesicle Breakdown-inducing Activity in Oocytes. <i>Journal of Biological Chemistry</i> , 1996, 271, 18272-18276.	3.4	10
40	Nuclear Exclusion of Forkhead Box O and Elk1 and Activation of Nuclear Factor- κ B Are Required for C2C12-RasV12C40 Myoblast Differentiation. <i>Endocrinology</i> , 2008, 149, 793-801.	2.8	10
41	p53/MDM2 Pathway Aberrations in Parathyroid Tumors: p21 ^{WAF-1} and MDM2 Are Frequently Overexpressed in Parathyroid Adenomas. <i>Endocrine Pathology</i> , 2000, 11, 251-258.	9.0	7
42	PGA1-induced apoptosis involves specific activation of H-Ras and N-Ras in cellular endomembranes. <i>Cell Death and Disease</i> , 2016, 7, e2311-e2311.	6.3	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. <i>Journal of Infectious Diseases</i> , 1995, 172, 1602-1605.	4.0	5
45	Analysis of the Cyclin D1/p16/pRb Pathway in Parathyroid Adenomas. <i>Endocrine Pathology</i> , 2000, 11, 259-266.	9.0	4
46	Sprouty2 and Spred1-2 Proteins Inhibit the Activation of the ERK Pathway Elicited by Cyclopentenone Prostanoids. <i>PLoS ONE</i> , 2011, 6, e16787.	2.5	4
47	Shoc2/Sur8 Protein Regulates Neurite Outgrowth. <i>PLoS ONE</i> , 2014, 9, e114837.	2.5	1
48	Evaluation of three methods for typing herpes simpex viras. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 1987, 6, 664-667.	2.9	0