

# Jorge Silvio Gutkind

## List of Publications by Year in descending order

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549  
papers

56,089  
citations

668

122  
h-index

1668

214  
g-index

574  
all docs

574  
docs citations

574  
times ranked

55322  
citing authors

#	ARTICLE	IF	CITATIONS
1	The small GTP-binding proteins Rac1 and Cdc42 regulate the activity of the JNK/SAPK signaling pathway. <i>Cell</i> , 1995, 81, 1137-1146.	13.5	1,668
2	Suppression of ceramide-mediated programmed cell death by sphingosine-1-phosphate. <i>Nature</i> , 1996, 381, 800-803.	13.7	1,443
3	G-protein-coupled receptors and cancer. <i>Nature Reviews Cancer</i> , 2007, 7, 79-94.	12.8	1,153
4	Integrin function: molecular hierarchies of cytoskeletal and signaling molecules.. <i>Journal of Cell Biology</i> , 1995, 131, 791-805.	2.3	1,140
5	G-protein-coupled receptors and signaling networks: emerging paradigms. <i>Trends in Pharmacological Sciences</i> , 2001, 22, 368-376.	4.0	933
6	VEGF controls endothelial-cell permeability by promoting the $\beta^2$ -arrestin-dependent endocytosis of VE-cadherin. <i>Nature Cell Biology</i> , 2006, 8, 1223-1234.	4.6	884
7	Prostaglandin E2 Promotes Colon Cancer Cell Growth Through a Gs-Axin- $\beta$ -Catenin Signaling Axis. <i>Science</i> , 2005, 310, 1504-1510.	6.0	833
8	G-protein-coupled receptor of Kaposi's sarcoma-associated herpesvirus is a viral oncogene and angiogenesis activator. <i>Nature</i> , 1998, 391, 86-89.	13.7	821
9	Ras-dependent activation of MAP kinase pathway mediated by G-protein $\beta^2\gamma^3$ subunits. <i>Nature</i> , 1994, 369, 418-420.	13.7	816
10	Targeted Killing of Cancer Cells <i>in Vivo</i> and <i>in Vitro</i> with EGF-Directed Carbon Nanotube-Based Drug Delivery. <i>ACS Nano</i> , 2009, 3, 307-316.	7.3	796
11	Integrins can collaborate with growth factors for phosphorylation of receptor tyrosine kinases and MAP kinase activation: roles of integrin aggregation and occupancy of receptors.. <i>Journal of Cell Biology</i> , 1996, 135, 1633-1642.	2.3	740
12	Phosphotyrosine-dependent activation of Rac-1 GDP/GTP exchange by the vav proto-oncogene product. <i>Nature</i> , 1997, 385, 169-172.	13.7	736
13	The Pathways Connecting G Protein-coupled Receptors to the Nucleus through Divergent Mitogen-activated Protein Kinase Cascades. <i>Journal of Biological Chemistry</i> , 1998, 273, 1839-1842.	1.6	721
14	Augmented Wnt Signaling in a Mammalian Model of Accelerated Aging. <i>Science</i> , 2007, 317, 803-806.	6.0	683
15	Linkage of G Protein-Coupled Receptors to the MAPK Signaling Pathway Through PI 3-Kinase $\beta$ . <i>Science</i> , 1997, 275, 394-397.	6.0	671
16	Carbon Nanotube Amplification Strategies for Highly Sensitive Immunodetection of Cancer Biomarkers. <i>Journal of the American Chemical Society</i> , 2006, 128, 11199-11205.	6.6	668
17	G12-G13 $\beta$ -LARG-mediated signaling in vascular smooth muscle is required for salt-induced hypertension. <i>Nature Medicine</i> , 2008, 14, 64-68.	15.2	584
18	Cbl-b regulates the CD28 dependence of T-cell activation. <i>Nature</i> , 2000, 403, 216-220.	13.7	576

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19	Ultrasensitive Immunosensor for Cancer Biomarker Proteins Using Gold Nanoparticle Film Electrodes and Multienzyme-Particle Amplification. <i>ACS Nano</i> , 2009, 3, 585-594.	7.3	490
20	Regulation of reactive-oxygen-species generation in fibroblasts by Rac 1. <i>Biochemical Journal</i> , 1996, 318, 379-382.	1.7	483
21	Hippo-Independent Activation of YAP by the GNAQ Uveal Melanoma Oncogene through a Trio-Regulated Rho GTPase Signaling Circuitry. <i>Cancer Cell</i> , 2014, 25, 831-845.	7.7	471
22	Measurement of biomarker proteins for point-of-care early detection and monitoring of cancer. <i>Analyst</i> , The, 2010, 135, 2496.	1.7	469
23	The emerging mutational landscape of G proteins and G-protein-coupled receptors in cancer. <i>Nature Reviews Cancer</i> , 2013, 13, 412-424.	12.8	462
24	lluminating G-Protein-Coupling Selectivity of GPCRs. <i>Cell</i> , 2019, 177, 1933-1947.e25.	13.5	387
25	MAP kinases and the control of nuclear events. <i>Oncogene</i> , 2007, 26, 3240-3253.	2.6	371
26	The Kaposi's sarcoma-associated herpes virus G protein-coupled receptor up-regulates vascular endothelial growth factor expression and secretion through mitogen-activated protein kinase and p38 pathways acting on hypoxia-inducible factor 1alpha. <i>Cancer Research</i> , 2000, 60, 4873-80.	0.4	368
27	A Novel PDZ Domain Containing Guanine Nucleotide Exchange Factor Links Heterotrimeric G Proteins to Rho. <i>Journal of Biological Chemistry</i> , 1999, 274, 5868-5879.	1.6	356
28	mTOR Mediates Wnt-Induced Epidermal Stem Cell Exhaustion and Aging. <i>Cell Stem Cell</i> , 2009, 5, 279-289.	5.2	356
29	Angiopoietin-1 Prevents VEGF-Induced Endothelial Permeability by Sequestering Src through mDia. <i>Developmental Cell</i> , 2008, 14, 25-36.	3.1	353
30	Endothelial infection with KSHV genes in vivo reveals that vGPCR initiates Kaposi's sarcomagenesis and can promote the tumorigenic potential of viral latent genes. <i>Cancer Cell</i> , 2003, 3, 23-36.	7.7	339
31	CXCL8/IL8 Stimulates Vascular Endothelial Growth Factor (VEGF) Expression and the Autocrine Activation of VEGFR2 in Endothelial Cells by Activating NF $\kappa$ B through the CBM (Carma3/Bcl10/Malt1) Complex. <i>Journal of Biological Chemistry</i> , 2009, 284, 6038-6042.	1.6	338
32	Ultrasensitive Electrochemical Immunosensor for Oral Cancer Biomarker IL-6 Using Carbon Nanotube Forest Electrodes and Multilabel Amplification. <i>Analytical Chemistry</i> , 2010, 82, 3118-3123.	3.2	336
33	Induction of ovarian cancer by defined multiple genetic changes in a mouse model system. <i>Cancer Cell</i> , 2002, 1, 53-62.	7.7	330
34	Proteomic profiling of the cancer microenvironment by antibody arrays. <i>Proteomics</i> , 2001, 1, 1271-1278.	1.3	323
35	Dysregulated molecular networks in head and neck carcinogenesis. <i>Oral Oncology</i> , 2009, 45, 324-334.	0.8	317
36	EPS8 and E3B1 transduce signals from Ras to Rac. <i>Nature</i> , 1999, 401, 290-293.	13.7	312

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37	Signaling from E-cadherins to the MAPK Pathway by the Recruitment and Activation of Epidermal Growth Factor Receptors upon Cell-Cell Contact Formation. <i>Journal of Biological Chemistry</i> , 2000, 275, 41227-41233.	1.6	308
38	Activation of Akt/Protein Kinase B by G Protein-coupled Receptors. <i>Journal of Biological Chemistry</i> , 1998, 273, 19080-19085.	1.6	303
39	The Mood Stabilizer Valproic Acid Activates Mitogen-activated Protein Kinases and Promotes Neurite Growth. <i>Journal of Biological Chemistry</i> , 2001, 276, 31674-31683.	1.6	300
40	Signaling from the Small GTP-binding Proteins Rac1 and Cdc42 to the c-Jun N-terminal Kinase/Stress-activated Protein Kinase Pathway. <i>Journal of Biological Chemistry</i> , 1996, 271, 27225-27228.	1.6	299
41	Muscarinic acetylcholine receptor subtypes as agonist-dependent oncogenes.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991, 88, 4703-4707.	3.3	290
42	Parasympathetic Innervation Maintains Epithelial Progenitor Cells During Salivary Organogenesis. <i>Science</i> , 2010, 329, 1645-1647.	6.0	289
43	Distinct pattern of expression of differentiation and growth-related genes in squamous cell carcinomas of the head and neck revealed by the use of laser capture microdissection and cDNA arrays. <i>Oncogene</i> , 2000, 19, 3220-3224.	2.6	275
44	Novel insights into G protein and G protein-coupled receptor signaling in cancer. <i>Current Opinion in Cell Biology</i> , 2014, 27, 126-135.	2.6	252
45	Cell growth control by G protein-coupled receptors: from signal transduction to signal integration. <i>Oncogene</i> , 1998, 17, 1331-1342.	2.6	248
46	mTOR Inhibition Prevents Epithelial Stem Cell Senescence and Protects from Radiation-Induced Mucositis. <i>Cell Stem Cell</i> , 2012, 11, 401-414.	5.2	246
47	Tyrosine phosphorylation coupled to IgE receptor-mediated signal transduction and histamine release.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1990, 87, 5327-5330.	3.3	242
48	Activation of the Protein Kinase Akt/PKB by the Formation of E-cadherin-mediated Cell-Cell Junctions. <i>Journal of Biological Chemistry</i> , 1999, 274, 19347-19351.	1.6	240
49	Regulation of the Transcriptional Activity of c-Fos by ERK. <i>Journal of Biological Chemistry</i> , 2005, 280, 35081-35084.	1.6	239
50	Signaling from G Protein-coupled Receptors to c-Jun Kinase Involves $\beta\gamma$ Subunits of Heterotrimeric G Proteins Acting on a Ras and Rac1-dependent Pathway. <i>Journal of Biological Chemistry</i> , 1996, 271, 3963-3966.	1.6	233
51	Deregulated matriptase causes ras-independent multistage carcinogenesis and promotes ras-mediated malignant transformation. <i>Genes and Development</i> , 2005, 19, 1934-1950.	2.7	225
52	Epidermal growth factor receptor-independent constitutive activation of STAT3 in head and neck squamous cell carcinoma is mediated by the autocrine/paracrine stimulation of the interleukin 6/gp130 cytokine system. <i>Cancer Research</i> , 2003, 63, 2948-56.	0.4	223
53	Dissecting the Akt/Mammalian Target of Rapamycin Signaling Network: Emerging Results from the Head and Neck Cancer Tissue Array Initiative. <i>Clinical Cancer Research</i> , 2007, 13, 4964-4973.	3.2	218
54	TMPRSS2-ERG fusion, a common genomic alteration in prostate cancer activates C-MYC and abrogates prostate epithelial differentiation. <i>Oncogene</i> , 2008, 27, 5348-5353.	2.6	218

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55	Dual Effect of $\hat{I}^2$ -Adrenergic Receptors on Mitogen-activated Protein Kinase. <i>Journal of Biological Chemistry</i> , 1995, 270, 25259-25265.	1.6	214
56	Class IV Semaphorins Promote Angiogenesis by Stimulating Rho-Initiated Pathways through Plexin-B. <i>Cancer Research</i> , 2004, 64, 5212-5224.	0.4	214
57	RGS-containing RhoGEFs: the missing link between transforming G proteins and Rho?. <i>Oncogene</i> , 2001, 20, 1661-1668.	2.6	212
58	Mammalian Target of Rapamycin, a Molecular Target in Squamous Cell Carcinomas of the Head and Neck. <i>Cancer Research</i> , 2005, 65, 9953-9961.	0.4	212
59	A role for the p38 mitogen-activated protein kinase pathway in the transcriptional activation of p53 on genotoxic stress by chemotherapeutic agents. <i>Cancer Research</i> , 2000, 60, 2464-72.	0.4	210
60	Microfluidic electrochemical immunoarray for ultrasensitive detection of two cancer biomarker proteins in serum. <i>Biosensors and Bioelectronics</i> , 2011, 26, 4477-4483.	5.3	209
61	The small GTP-binding protein Rho links G protein-coupled receptors and G $\hat{A}12$ to the serum response element and to cellular transformation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 10098-10103.	3.3	208
62	Leukemia-associated Rho guanine nucleotide exchange factor (LARG) links heterotrimeric G proteins of the G12family to Rho. <i>FEBS Letters</i> , 2000, 485, 183-188.	1.3	208
63	A Network of Mitogen-Activated Protein Kinases Links G Protein-Coupled Receptors to the c-jun Promoter: a Role for c-Jun NH <sub>2</sub> -Terminal Kinase, p38s, and Extracellular Signal-Regulated Kinase 5. <i>Molecular and Cellular Biology</i> , 1999, 19, 4289-4301.	1.1	204
64	Transforming G Protein-coupled Receptors Potently Activate JNK (SAPK). <i>Journal of Biological Chemistry</i> , 1995, 270, 5620-5624.	1.6	202
65	Flavopiridol, a novel cyclin-dependent kinase inhibitor, suppresses the growth of head and neck squamous cell carcinomas by inducing apoptosis. <i>Journal of Clinical Investigation</i> , 1998, 102, 1674-1681.	3.9	200
66	Plexin B Regulates Rho through the Guanine Nucleotide Exchange Factors Leukemia-associated Rho GEF (LARG) and PDZ-RhoGEF. <i>Journal of Biological Chemistry</i> , 2002, 277, 43115-43120.	1.6	196
67	Identification of the Rac-GEF P-Rex1 as an Essential Mediator of ErbB Signaling in Breast Cancer. <i>Molecular Cell</i> , 2010, 40, 877-892.	4.5	194
68	An essential role for Rac1 in endothelial cell function and vascular development. <i>FASEB Journal</i> , 2008, 22, 1829-1838.	0.2	193
69	Semaphorin 4D provides a link between axon guidance processes and tumor-induced angiogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 9017-9022.	3.3	190
70	Binding-Induced Folding of a Natively Unstructured Transcription Factor. <i>PLoS Computational Biology</i> , 2008, 4, e1000060.	1.5	189
71	Multiple Mitogen-Activated Protein Kinase Signaling Pathways Connect the Cot Oncoprotein to the c-jun Promoter and to Cellular Transformation. <i>Molecular and Cellular Biology</i> , 2000, 20, 1747-1758.	1.1	188
72	Ultrasensitive Detection of Cancer Biomarkers in the Clinic by Use of a Nanostructured Microfluidic Array. <i>Analytical Chemistry</i> , 2012, 84, 6249-6255.	3.2	187

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73	Regulation of Mitogen-Activated Protein Kinase Signaling Networks by G Protein-Coupled Receptors. <i>Science Signaling</i> , 2000, 2000, re1-re1.	1.6	185
74	The Small GTP-Binding Protein RhoA Regulates c-Jun by a ROCK-JNK Signaling Axis. <i>Molecular Cell</i> , 2004, 14, 29-41.	4.5	182
75	The TSC2/mTOR pathway drives endothelial cell transformation induced by the Kaposi's sarcoma-associated herpesvirus G protein-coupled receptor. <i>Cancer Cell</i> , 2006, 10, 133-143.	7.7	180
76	A Novel Role for Phosphatidylinositol 3-Kinase $\hat{I}^2$ in Signaling from G Protein-coupled Receptors to Akt. <i>Journal of Biological Chemistry</i> , 2000, 275, 12069-12073.	1.6	179
77	Proteomic Analysis of Laser-Captured Paraffin-Embedded Tissues: A Molecular Portrait of Head and Neck Cancer Progression. <i>Clinical Cancer Research</i> , 2008, 14, 1002-1014.	3.2	179
78	The head and neck cancer cell oncogenome: a platform for the development of precision molecular therapies. <i>Oncotarget</i> , 2014, 5, 8906-8923.	0.8	176
79	Phosphorylation of c-Fos by Members of the p38 MAPK Family. <i>Journal of Biological Chemistry</i> , 2005, 280, 18842-18852.	1.6	174
80	Common elements in interleukin 4 and insulin signaling pathways in factor-dependent hematopoietic cells.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993, 90, 4032-4036.	3.3	172
81	A mutant alpha subunit of G12 potentiates the eicosanoid pathway and is highly oncogenic in NIH 3T3 cells.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993, 90, 6741-6745.	3.3	172
82	A Platform of Synthetic Lethal Gene Interaction Networks Reveals that the GNAQ Uveal Melanoma Oncogene Controls the Hippo Pathway through FAK. <i>Cancer Cell</i> , 2019, 35, 457-472.e5.	7.7	169
83	Transcriptional signature primes human oral mucosa for rapid wound healing. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	167
84	Functional roles of Akt signaling in mouse skin tumorigenesis. <i>Oncogene</i> , 2002, 21, 53-64.	2.6	164
85	Persistent Activation of the Akt Pathway in Head and Neck Squamous Cell Carcinoma. <i>Clinical Cancer Research</i> , 2004, 10, 4029-4037.	3.2	163
86	Viral hijacking of G-protein-coupled-receptor signalling networks. <i>Nature Reviews Molecular Cell Biology</i> , 2004, 5, 998-1012.	16.1	159
87	mTOR as a Molecular Target in HPV-Associated Oral and Cervical Squamous Carcinomas. <i>Clinical Cancer Research</i> , 2012, 18, 2558-2568.	3.2	159
88	Calibration of <sup>125</sup> I-polymer standards with <sup>125</sup> I-brain paste standards for use in quantitative receptor autoradiography. <i>Journal of Neuroscience Methods</i> , 1989, 30, 247-253.	1.3	158
89	mom identifies a receptor for the Drosophila JAK/STAT signal transduction pathway and encodes a protein distantly related to the mammalian cytokine receptor family. <i>Genes and Development</i> , 2002, 16, 388-398.	2.7	158
90	Human tumor-associated viruses and new insights into the molecular mechanisms of cancer. <i>Oncogene</i> , 2008, 27, S31-S42.	2.6	158

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91	Accelerated Wound Healing by mTOR Activation in Genetically Defined Mouse Models. PLoS ONE, 2010, 5, e10643.	1.1	158
92	The Small GTP-binding Protein Rho Activates c-Jun N-terminal Kinases/Stress-activated Protein Kinases in Human Kidney 293T Cells. Journal of Biological Chemistry, 1996, 271, 25731-25734.	1.6	157
93	MAPK and Akt Act Cooperatively but Independently on Hypoxia Inducible Factor-1 $\alpha$ in rasV12 Upregulation of VEGF. Biochemical and Biophysical Research Communications, 2001, 287, 292-300.	1.0	157
94	Regulation of gene expression by the small GTPase Rho through the ERK6 (p38 $\gamma$ ) MAP kinase pathway. Genes and Development, 2001, 15, 535-553.	2.7	157
95	Pharmacologic Stem Cell Based Intervention as a New Approach to Osteoporosis Treatment in Rodents. PLoS ONE, 2008, 3, e2615.	1.1	155
96	Genetic evidence that $\beta$ -arrestins are dispensable for the initiation of $\beta$ 2-adrenergic receptor signaling to ERK. Science Signaling, 2017, 10, .	1.6	155
97	MT1-MMP Controls Tumor-induced Angiogenesis through the Release of Semaphorin 4D. Journal of Biological Chemistry, 2007, 282, 6899-6905.	1.6	154
98	Nanostructured Immunosensor for Attomolar Detection of Cancer Biomarker Interleukin-8 Using Massively Labeled Superparamagnetic Particles. Angewandte Chemie - International Edition, 2011, 50, 7915-7918.	7.2	153
99	The semaphorin receptor plexin-B1 signals through a direct interaction with the Rho-specific nucleotide exchange factor, LARG. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 12085-12090.	3.3	152
100	Distribution and clearance of PEG-single-walled carbon nanotube cancer drug delivery vehicles in mice. Nanomedicine, 2010, 5, 1535-1546.	1.7	151
101	Molecular Cross-Talk between the NF- $\kappa$ B and STAT3 Signaling Pathways in Head and Neck Squamous Cell Carcinoma. Neoplasia, 2006, 8, 733-746.	2.3	150
102	Potent Activation of RhoA by G12q and Gq-coupled Receptors. Journal of Biological Chemistry, 2002, 277, 27130-27134.	1.6	149
103	Rac1 Function Is Required for Src-induced Transformation. Journal of Biological Chemistry, 2003, 278, 34339-34346.	1.6	149
104	P-Rex1 Links Mammalian Target of Rapamycin Signaling to Rac Activation and Cell Migration. Journal of Biological Chemistry, 2007, 282, 23708-23715.	1.6	148
105	Loss of TGF- $\beta$ signaling and PTEN promotes head and neck squamous cell carcinoma through cellular senescence evasion and cancer-related inflammation. Oncogene, 2012, 31, 3322-3332.	2.6	148
106	Akt plays a central role in sarcomagenesis induced by Kaposi's sarcoma herpesvirus-encoded G protein-coupled receptor. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 4821-4826.	3.3	147
107	Regulation of G Protein-linked Guanine Nucleotide Exchange Factors for Rho, PDZ-RhoGEF, and LARG by Tyrosine Phosphorylation. Journal of Biological Chemistry, 2002, 277, 12463-12473.	1.6	145
108	Rac1 and RhoG promote cell survival by the activation of PI3K and Akt, independently of their ability to stimulate JNK and NF- $\kappa$ B. Oncogene, 2002, 21, 207-216.	2.6	145

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109	Single-Wall Carbon Nanotube Forest Arrays for Immunochemical Measurement of Four Protein Biomarkers for Prostate Cancer. <i>Analytical Chemistry</i> , 2009, 81, 9129-9134.	3.2	145
110	Modulation of canonical Wnt signaling by the extracellular matrix component biglycan. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 17022-17027.	3.3	144
111	Control of the differentiation of regulatory T cells and TH17 cells by the DNA-binding inhibitor Id3. <i>Nature Immunology</i> , 2011, 12, 86-95.	7.0	143
112	Receptor Tyrosine Kinases Activate Canonical WNT/ $\beta$ -Catenin Signaling via MAP Kinase/LRP6 Pathway and Direct $\beta$ -Catenin Phosphorylation. <i>PLoS ONE</i> , 2012, 7, e35826.	1.1	142
113	Semaphorin 3E Initiates Antiangiogenic Signaling through Plexin D1 by Regulating Arf6 and R-Ras. <i>Molecular and Cellular Biology</i> , 2010, 30, 3086-3098.	1.1	141
114	RhoA and ROCK mediate histamine-induced vascular leakage and anaphylactic shock. <i>Nature Communications</i> , 2015, 6, 6725.	5.8	141
115	Decreased Lymphangiogenesis and Lymph Node Metastasis by mTOR Inhibition in Head and Neck Cancer. <i>Cancer Research</i> , 2011, 71, 7103-7112.	0.4	138
116	Semaphorin 4D/Plexin-B1 Induces Endothelial Cell Migration through the Activation of PYK2, Src, and the Phosphatidylinositol 3-Kinase-Akt Pathway. <i>Molecular and Cellular Biology</i> , 2005, 25, 6889-6898.	1.1	134
117	Semaphorin signaling in angiogenesis, lymphangiogenesis and cancer. <i>Cell Research</i> , 2012, 22, 23-32.	5.7	134
118	Inactivation of a G $\alpha$ s $\beta$ PKA tumour suppressor pathway in skin stem cells initiates basal-cell carcinogenesis. <i>Nature Cell Biology</i> , 2015, 17, 793-803.	4.6	134
119	Phosphorylation of the Carboxyl-Terminal Transactivation Domain of c-Fos by Extracellular Signal-Regulated Kinase Mediates the Transcriptional Activation of AP-1 and Cellular Transformation Induced by Platelet-Derived Growth Factor. <i>Molecular and Cellular Biology</i> , 2003, 23, 7030-7043.	1.1	133
120	A Genome-wide RNAi Screen Reveals a Trio-Regulated Rho GTPase Circuitry Transducing Mitogenic Signals Initiated by G Protein-Coupled Receptors. <i>Molecular Cell</i> , 2013, 49, 94-108.	4.5	131
121	Illuminating the Onco-GPCRome: Novel G protein $\alpha$ -coupled receptor-driven oncocrine networks and targets for cancer immunotherapy. <i>Journal of Biological Chemistry</i> , 2019, 294, 11062-11086.	1.6	129
122	Regulation of c-myc expression by PDGF through Rho GTPases. <i>Nature Cell Biology</i> , 2001, 3, 580-586.	4.6	128
123	Conditional Expression of K-ras in an Epithelial Compartment that Includes the Stem Cells Is Sufficient to Promote Squamous Cell Carcinogenesis. <i>Cancer Research</i> , 2004, 64, 8804-8807.	0.4	127
124	The G $\alpha$ 13-Rho Signaling Axis Is Required for SDF-1-induced Migration through CXCR4. <i>Journal of Biological Chemistry</i> , 2006, 281, 39542-39549.	1.6	126
125	A Synthetic Biology Approach Reveals a CXCR4-G $\alpha$ 13-Rho Signaling Axis Driving Transendothelial Migration of Metastatic Breast Cancer Cells. <i>Science Signaling</i> , 2011, 4, ra60.	1.6	126
126	Interaction Landscape of Inherited Polymorphisms with Somatic Events in Cancer. <i>Cancer Discovery</i> , 2017, 7, 410-423.	7.7	121



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127	Targeting Mammalian Target of Rapamycin by Rapamycin Prevents Tumor Progression in an Oral-Specific Chemical Carcinogenesis Model. <i>Cancer Prevention Research</i> , 2009, 2, 27-36.	0.7	120
128	Loss of PTEN expression leading to high Akt activation in human multiple myelomas. <i>Blood</i> , 2000, 96, 3560-3568.	0.6	119
129	Assembly and activation of the Hippo signalome by FAT1 tumor suppressor. <i>Nature Communications</i> , 2018, 9, 2372.	5.8	119
130	Increased concentration of angiotensin II binding sites in selected brain areas of spontaneously hypertensive rats. <i>Journal of Hypertension</i> , 1988, 6, 79.	0.3	118
131	Activating and inactivating mutations of the alpha subunit of Gi2 protein have opposite effects on proliferation of NIH 3T3 cells.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991, 88, 10455-10459.	3.3	118
132	Metformin Prevents the Development of Oral Squamous Cell Carcinomas from Carcinogen-Induced Premalignant Lesions. <i>Cancer Prevention Research</i> , 2012, 5, 562-573.	0.7	118
133	B Cells Improve Overall Survival in HPV-Associated Squamous Cell Carcinomas and Are Activated by Radiation and PD-1 Blockade. <i>Clinical Cancer Research</i> , 2020, 26, 3345-3359.	3.2	117
134	Importance of the MKK6/p38 pathway for interleukin-12-induced STAT4 serine phosphorylation and transcriptional activity. <i>Blood</i> , 2000, 96, 1844-1852.	0.6	116
135	Assembly and patterning of the vascular network of the vertebrate hindbrain. <i>Development (Cambridge)</i> , 2011, 138, 1705-1715.	1.2	113
136	Signalling of the Ret receptor tyrosine kinase through the c-Jun NH2-terminal protein kinases (JNKs): evidence for a divergence of the ERKs and JNKs pathways induced by Ret. <i>Oncogene</i> , 1998, 16, 2435-2445.	2.6	112
137	Role for EPS8 in squamous carcinogenesis. <i>Carcinogenesis</i> , 2009, 30, 165-174.	1.3	111
138	PTEN Deficiency Contributes to the Development and Progression of Head and Neck Cancer. <i>Neoplasia</i> , 2013, 15, 461-471.	2.3	111
139	Erlotinib and the Risk of Oral Cancer. <i>JAMA Oncology</i> , 2016, 2, 209.	3.4	111
140	mTOR Co-Targeting in Cetuximab Resistance in Head and Neck Cancers Harboring PIK3CA and RAS Mutations. <i>Journal of the National Cancer Institute</i> , 2014, 106, .	3.0	109
141	A Human Suppressor of c-Jun N-terminal Kinase 1 Activation by Tumor Necrosis Factor $\alpha$ . <i>Journal of Biological Chemistry</i> , 1997, 272, 25816-25823.	1.6	108
142	LAG-3 confers poor prognosis and its blockade reshapes antitumor response in head and neck squamous cell carcinoma. <i>Oncolmmunology</i> , 2016, 5, e1239005.	2.1	108
143	Homo- and hetero-oligomerization of PDZ-RhoGEF, LARG and p115RhoGEF by their C-terminal region regulates their in vivo Rho GEF activity and transforming potential. <i>Oncogene</i> , 2004, 23, 233-240.	2.6	107
144	Tyrosine Phosphorylation of the vav Proto-oncogene Product Links Fc $\mu$ RI to the Rac1-JNK Pathway. <i>Journal of Biological Chemistry</i> , 1997, 272, 10751-10755.	1.6	106

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145	Electrochemical immunosensors for interleukin-6. Comparison of carbon nanotube forest and gold nanoparticle platforms. <i>Electrochemistry Communications</i> , 2009, 11, 1009-1012.	2.3	106
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