

Jorge Silvio Gutkind

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515
papers

47,993
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114
h-index

202
g-index

574
ext. papers

52,111
ext. citations

8.8
avg, IF

7.45
L-index

#	Paper	IF	Citations
515	The small GTP-binding proteins Rac1 and Cdc42 regulate the activity of the JNK/SAPK signaling pathway. <i>Cell</i> , 1995 , 81, 1137-46	56.2	1575
514	Suppression of ceramide-mediated programmed cell death by sphingosine-1-phosphate. <i>Nature</i> , 1996 , 381, 800-3	50.4	1326
513	Integrin function: molecular hierarchies of cytoskeletal and signaling molecules. <i>Journal of Cell Biology</i> , 1995 , 131, 791-805	7.3	1060
512	G-protein-coupled receptors and cancer. <i>Nature Reviews Cancer</i> , 2007 , 7, 79-94	31.3	970
511	G-protein-coupled receptors and signaling networks: emerging paradigms. <i>Trends in Pharmacological Sciences</i> , 2001 , 22, 368-76	13.2	839
510	VEGF controls endothelial-cell permeability by promoting the beta-arrestin-dependent endocytosis of VE-cadherin. <i>Nature Cell Biology</i> , 2006 , 8, 1223-34	23.4	768
509	Ras-dependent activation of MAP kinase pathway mediated by G-protein beta gamma subunits. <i>Nature</i> , 1994 , 369, 418-20	50.4	762
508	Prostaglandin E2 promotes colon cancer cell growth through a Gs-axin-beta-catenin signaling axis. <i>Science</i> , 2005 , 310, 1504-10	33.3	748
507	G-protein-coupled receptor of Kaposi's sarcoma-associated herpesvirus is a viral oncogene and angiogenesis activator. <i>Nature</i> , 1998 , 391, 86-9	50.4	740
506	Targeted killing of cancer cells in vivo and in vitro with EGF-directed carbon nanotube-based drug delivery. <i>ACS Nano</i> , 2009 , 3, 307-16	16.7	708
505	Phosphotyrosine-dependent activation of Rac-1 GDP/GTP exchange by the vav proto-oncogene product. <i>Nature</i> , 1997 , 385, 169-72	50.4	688
504	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, 1633-42	7.3	679
503	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, 1839-42	5.4	640
502	Linkage of G protein-coupled receptors to the MAPK signaling pathway through PI 3-kinase gamma. <i>Science</i> , 1997 , 275, 394-7	33.3	637
501	Carbon nanotube amplification strategies for highly sensitive immunodetection of cancer biomarkers. <i>Journal of the American Chemical Society</i> , 2006 , 128, 11199-205	16.4	620
500	Augmented Wnt signaling in a mammalian model of accelerated aging. <i>Science</i> , 2007 , 317, 803-6	33.3	599
499	Cbl-b regulates the CD28 dependence of T-cell activation. <i>Nature</i> , 2000 , 403, 216-20	50.4	505

498	G12-G13-LARG-mediated signaling in vascular smooth muscle is required for salt-induced hypertension. <i>Nature Medicine</i> , 2008 , 14, 64-8	50.5	466
497	Regulation of reactive-oxygen-species generation in fibroblasts by Rac1. <i>Biochemical Journal</i> , 1996 , 318 (Pt 2), 379-82	3.8	452
496	Ultrasensitive immunosensor for cancer biomarker proteins using gold nanoparticle film electrodes and multienzyme-particle amplification. <i>ACS Nano</i> , 2009 , 3, 585-94	16.7	451
495	Measurement of biomarker proteins for point-of-care early detection and monitoring of cancer. <i>Analyst, The</i> , 2010 , 135, 2496-511	5	401
494	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, 831-45	24.3	369
493	The emerging mutational landscape of G proteins and G-protein-coupled receptors in cancer. <i>Nature Reviews Cancer</i> , 2013 , 13, 412-24	31.3	345
492	MAP kinases and the control of nuclear events. <i>Oncogene</i> , 2007 , 26, 3240-53	9.2	335
491	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	10.1	327
490	A novel PDZ domain containing guanine nucleotide exchange factor links heterotrimeric G proteins to Rho. <i>Journal of Biological Chemistry</i> , 1999 , 274, 5868-79	5.4	317
489	Angiopoietin-1 prevents VEGF-induced endothelial permeability by sequestering Src through mDia. <i>Developmental Cell</i> , 2008 , 14, 25-36	10.2	311
488	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	24.3	311
487	Ultrasensitive electrochemical immunosensor for oral cancer biomarker IL-6 using carbon nanotube forest electrodes and multilabel amplification. <i>Analytical Chemistry</i> , 2010 , 82, 3118-23	7.8	299
486	mTOR mediates Wnt-induced epidermal stem cell exhaustion and aging. <i>Cell Stem Cell</i> , 2009 , 5, 279-89	18	298
485	Induction of ovarian cancer by defined multiple genetic changes in a mouse model system. <i>Cancer Cell</i> , 2002 , 1, 53-62	24.3	289
484	Proteomic profiling of the cancer microenvironment by antibody arrays. <i>Proteomics</i> , 2001 , 1, 1271-8	4.8	288
483	EPS8 and E3B1 transduce signals from Ras to Rac. <i>Nature</i> , 1999 , 401, 290-3	50.4	285
482	Dysregulated molecular networks in head and neck carcinogenesis. <i>Oral Oncology</i> , 2009 , 45, 324-34	4.4	276
481	Signaling from the small GTP-binding proteins Rac1 and Cdc42 to the c-Jun N-terminal kinase/stress-activated protein kinase pathway. A role for mixed lineage kinase 3/protein-tyrosine kinase 1, a novel member of the mixed lineage kinase family. <i>Journal of Biological Chemistry</i> , 1996 , 271, 27225-8	5.4	275

480	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, 41227-33	5.4	274
479	Activation of Akt/protein kinase B by G protein-coupled receptors. A role for alpha and beta gamma subunits of heterotrimeric G proteins acting through phosphatidylinositol-3-OH kinase gamma. <i>Journal of Biological Chemistry</i> , 1998 , 273, 19080-5	5.4	270
478	CXCL8/IL8 stimulates vascular endothelial growth factor (VEGF) expression and the autocrine activation of VEGFR2 in endothelial cells by activating NFkappaB through the CBM (Carma3/Bcl10/Malt1) complex. <i>Journal of Biological Chemistry</i> , 2009 , 284, 6038-42	5.4	268
477	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, 4703-7	11.5	263
476	The mood stabilizer valproic acid activates mitogen-activated protein kinases and promotes neurite growth. <i>Journal of Biological Chemistry</i> , 2001 , 276, 31674-83	5.4	257
475	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, 3220-4	9.2	242
474	Parasympathetic innervation maintains epithelial progenitor cells during salivary organogenesis. <i>Science</i> , 2010 , 329, 1645-7	33.3	237
473	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, 5327-30	11.5	235
472	Cell growth control by G protein-coupled receptors: from signal transduction to signal integration. <i>Oncogene</i> , 1998 , 17, 1331-42	9.2	228
471	Activation of the protein kinase Akt/PKB by the formation of E-cadherin-mediated cell-cell junctions. Evidence for the association of phosphatidylinositol 3-kinase with the E-cadherin adhesion complex. <i>Journal of Biological Chemistry</i> , 1999 , 274, 19347-51	5.4	219
470	mTOR inhibition prevents epithelial stem cell senescence and protects from radiation-induced mucositis. <i>Cell Stem Cell</i> , 2012 , 11, 401-14	18	211
469	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, 3963-6	5.4	209
468	The small GTP-binding protein Rho links G protein-coupled receptors and Galpha12 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, 10098-103	11.5	202
467	Class IV semaphorins promote angiogenesis by stimulating Rho-initiated pathways through plexin-B. <i>Cancer Research</i> , 2004 , 64, 5212-24	10.1	201
466	Regulation of the transcriptional activity of c-Fos by ERK. A novel role for the prolyl isomerase PIN1. <i>Journal of Biological Chemistry</i> , 2005 , 280, 35081-4	5.4	200
465	TMPRSS2-ERG fusion, a common genomic alteration in prostate cancer activates C-MYC and abrogates prostate epithelial differentiation. <i>Oncogene</i> , 2008 , 27, 5348-53	9.2	199
464	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	10.1	198
463	RGS-containing RhoGEFs: the missing link between transforming G proteins and Rho?. <i>Oncogene</i> , 2001 , 20, 1661-8	9.2	196

462	Leukemia-associated Rho guanine nucleotide exchange factor (LARG) links heterotrimeric G proteins of the G(12) family to Rho. <i>FEBS Letters</i> , 2000 , 485, 183-8	3.8	194
461	A network of mitogen-activated protein kinases links G protein-coupled receptors to the c-jun promoter: a role for c-Jun NH2-terminal kinase, p38s, and extracellular signal-regulated kinase 5. <i>Molecular and Cellular Biology</i> , 1999 , 19, 4289-301	4.8	194
460	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, 4964-73	12.9	193
459	Deregulated matriptase causes ras-independent multistage carcinogenesis and promotes ras-mediated malignant transformation. <i>Genes and Development</i> , 2005 , 19, 1934-50	12.6	192
458	Dual effect of beta-adrenergic receptors on mitogen-activated protein kinase. Evidence for a beta gamma-dependent activation and a G alpha s-cAMP-mediated inhibition. <i>Journal of Biological Chemistry</i> , 1995 , 270, 25259-65	5.4	192
457	Mammalian target of rapamycin, a molecular target in squamous cell carcinomas of the head and neck. <i>Cancer Research</i> , 2005 , 65, 9953-61	10.1	190
456	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	10.1	188
455	Illuminating G-Protein-Coupling Selectivity of GPCRs. <i>Cell</i> , 2019 , 177, 1933-1947.e25	56.2	181
454	Microfluidic electrochemical immunoarray for ultrasensitive detection of two cancer biomarker proteins in serum. <i>Biosensors and Bioelectronics</i> , 2011 , 26, 4477-83	11.8	181
453	Transforming G protein-coupled receptors potently activate JNK (SAPK). Evidence for a divergence from the tyrosine kinase signaling pathway. <i>Journal of Biological Chemistry</i> , 1995 , 270, 5620-4	5.4	179
452	An essential role for Rac1 in endothelial cell function and vascular development. <i>FASEB Journal</i> , 2008 , 22, 1829-38	0.9	178
451	Novel insights into G protein and G protein-coupled receptor signaling in cancer. <i>Current Opinion in Cell Biology</i> , 2014 , 27, 126-35	9	177
450	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, 1674-81	15.9	177
449	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, 43115-20	5.4	176
448	The small GTP-binding protein RhoA regulates c-jun by a ROCK-JNK signaling axis. <i>Molecular Cell</i> , 2004 , 14, 29-41	17.6	175
447	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, 9017-22	11.5	170
446	Proteomic analysis of laser-captured paraffin-embedded tissues: a molecular portrait of head and neck cancer progression. <i>Clinical Cancer Research</i> , 2008 , 14, 1002-14	12.9	168
445	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, 4032-6	11.5	168

444	Binding-induced folding of a natively unstructured transcription factor. <i>PLoS Computational Biology</i> , 2008 , 4, e1000060	5	167
443	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, 133-43	24.3	167
442	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, 1747-58	4.8	167
441	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, 6741-45	11.5	165
440	Identification of the Rac-GEF P-Rex1 as an essential mediator of ErbB signaling in breast cancer. <i>Molecular Cell</i> , 2010 , 40, 877-92	17.6	160
439	Functional roles of Akt signaling in mouse skin tumorigenesis. <i>Oncogene</i> , 2002 , 21, 53-64	9.2	160
438	Regulation of mitogen-activated protein kinase signaling networks by G protein-coupled receptors. <i>Science Signaling</i> , 2000 , 2000, re1	8.8	158
437	A novel role for phosphatidylinositol 3-kinase beta in signaling from G protein-coupled receptors to Akt. <i>Journal of Biological Chemistry</i> , 2000 , 275, 12069-73	5.4	158
436	Ultrasensitive detection of cancer biomarkers in the clinic by use of a nanostructured microfluidic array. <i>Analytical Chemistry</i> , 2012 , 84, 6249-55	7.8	156
435	Phosphorylation of c-Fos by members of the p38 MAPK family. Role in the AP-1 response to UV light. <i>Journal of Biological Chemistry</i> , 2005 , 280, 18842-52	5.4	151
434	Calibration of 125I-polymer standards with 125I-brain paste standards for use in quantitative receptor autoradiography. <i>Journal of Neuroscience Methods</i> , 1989 , 30, 247-53	3	148
433	The semaphorin receptor plexin-B1 signals through a direct interaction with the Rho-specific nucleotide exchange factor, LARG. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 12085-90	11.5	145
432	Persistent activation of the Akt pathway in head and neck squamous cell carcinoma: a potential target for UCN-01. <i>Clinical Cancer Research</i> , 2004 , 10, 4029-37	12.9	144
431	MAPK and Akt act cooperatively but independently on hypoxia inducible factor-1alpha in rasV12 upregulation of VEGF. <i>Biochemical and Biophysical Research Communications</i> , 2001 , 287, 292-300	3.4	142
430	Rac1 and RhoG promote cell survival by the activation of PI3K and Akt, independently of their ability to stimulate JNK and NF-kappaB. <i>Oncogene</i> , 2002 , 21, 207-16	9.2	139
429	Regulation of G protein-linked guanine nucleotide exchange factors for Rho, PDZ-RhoGEF, and LARG by tyrosine phosphorylation: evidence of a role for focal adhesion kinase. <i>Journal of Biological Chemistry</i> , 2002 , 277, 12463-73	5.4	139
428	Nanostructured immunosensor for attomolar detection of cancer biomarker interleukin-8 using massively labeled superparamagnetic particles. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 7915-8	16.4	138
427	Regulation of gene expression by the small GTPase Rho through the ERK6 (p38 gamma) MAP kinase pathway. <i>Genes and Development</i> , 2001 , 15, 535-53	12.6	138

426	The small GTP-binding protein rho activates c-Jun N-terminal kinases/stress-activated protein kinases in human kidney 293T cells. Evidence for a Pak-independent signaling pathway. <i>Journal of Biological Chemistry</i> , 1996 , 271, 25731-4	5.4	138
425	Molecular cross-talk between the NFkappaB and STAT3 signaling pathways in head and neck squamous cell carcinoma. <i>Neoplasia</i> , 2006 , 8, 733-46	6.4	137
424	mTOR as a molecular target in HPV-associated oral and cervical squamous carcinomas. <i>Clinical Cancer Research</i> , 2012 , 18, 2558-68	12.9	136
423	Pharmacologic stem cell based intervention as a new approach to osteoporosis treatment in rodents. <i>PLoS ONE</i> , 2008 , 3, e2615	3.7	136
422	Viral hijacking of G-protein-coupled-receptor signalling networks. <i>Nature Reviews Molecular Cell Biology</i> , 2004 , 5, 998-1012	48.7	136
421	Rac1 function is required for Src-induced transformation. Evidence of a role for Tiam1 and Vav2 in Rac activation by Src. <i>Journal of Biological Chemistry</i> , 2003 , 278, 34339-46	5.4	136
420	Akt plays a central role in sarcomagenesis induced by Kaposi's sarcoma herpesvirus-encoded G protein-coupled receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 4821-6	11.5	135
419	Potent activation of RhoA by Galpha q and Gq-coupled receptors. <i>Journal of Biological Chemistry</i> , 2002 , 277, 27130-4	5.4	135
418	Single-wall carbon nanotube forest arrays for immunoelectrochemical measurement of four protein biomarkers for prostate cancer. <i>Analytical Chemistry</i> , 2009 , 81, 9129-34	7.8	134
417	MT1-MMP controls tumor-induced angiogenesis through the release of semaphorin 4D. <i>Journal of Biological Chemistry</i> , 2007 , 282, 6899-905	5.4	133
416	Human tumor-associated viruses and new insights into the molecular mechanisms of cancer. <i>Oncogene</i> , 2008 , 27 Suppl 2, S31-42	9.2	131
415	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, 388-98	12.6	131
414	The head and neck cancer cell oncogenome: a platform for the development of precision molecular therapies. <i>Oncotarget</i> , 2014 , 5, 8906-23	3.3	131
413	Loss of TGF-β signaling and PTEN promotes head and neck squamous cell carcinoma through cellular senescence evasion and cancer-related inflammation. <i>Oncogene</i> , 2012 , 31, 3322-32	9.2	129
412	Distribution and clearance of PEG-single-walled carbon nanotube cancer drug delivery vehicles in mice. <i>Nanomedicine</i> , 2010 , 5, 1535-46	5.6	127
411	Accelerated wound healing by mTOR activation in genetically defined mouse models. <i>PLoS ONE</i> , 2010 , 5, e10643	3.7	127
410	P-Rex1 links mammalian target of rapamycin signaling to Rac activation and cell migration. <i>Journal of Biological Chemistry</i> , 2007 , 282, 23708-15	5.4	126
409	Semaphorin 3E initiates antiangiogenic signaling through plexin D1 by regulating Arf6 and R-Ras. <i>Molecular and Cellular Biology</i> , 2010 , 30, 3086-98	4.8	124

408	Decreased lymphangiogenesis and lymph node metastasis by mTOR inhibition in head and neck cancer. <i>Cancer Research</i> , 2011 , 71, 7103-12	10.1	124
407	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, 6889-98	4.8	122
406	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, 7030-43	4.8	120
405	Regulation of c-myc expression by PDGF through Rho GTPases. <i>Nature Cell Biology</i> , 2001 , 3, 580-6	23.4	119
404	Receptor tyrosine kinases activate canonical WNT/ β -catenin signaling via MAP kinase/LRP6 pathway and direct β -catenin phosphorylation. <i>PLoS ONE</i> , 2012 , 7, e35826	3.7	118
403	Control of the differentiation of regulatory T cells and T(H)17 cells by the DNA-binding inhibitor Id3. <i>Nature Immunology</i> , 2011 , 12, 86-95	19.1	117
402	The G α 13-Rho signaling axis is required for SDF-1-induced migration through CXCR4. <i>Journal of Biological Chemistry</i> , 2006 , 281, 39542-9	5.4	115
401	RhoA and ROCK mediate histamine-induced vascular leakage and anaphylactic shock. <i>Nature Communications</i> , 2015 , 6, 6725	17.4	113
400	Loss of PTEN expression leading to high Akt activation in human multiple myelomas. <i>Blood</i> , 2000 , 96, 3560-3568	2.2	113
399	Increased concentration of angiotensin II binding sites in selected brain areas of spontaneously hypertensive rats. <i>Journal of Hypertension</i> , 1988 , 6, 79-84	1.9	111
398	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, 10455-9	11.5	110
397	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, 8804-7	10.1	107
396	Semaphorin signaling in angiogenesis, lymphangiogenesis and cancer. <i>Cell Research</i> , 2012 , 22, 23-32	24.7	105
395	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	3.2	105
394	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, 2435-45	9.2	105
393	A synthetic biology approach reveals a CXCR4-G13-Rho signaling axis driving transendothelial migration of metastatic breast cancer cells. <i>Science Signaling</i> , 2011 , 4, ra60	8.8	104
392	Importance of the MKK6/p38 pathway for interleukin-12-induced STAT4 serine phosphorylation and transcriptional activity. <i>Blood</i> , 2000 , 96, 1844-1852	2.2	103
391	Inactivation of a G β γ -PKA tumour suppressor pathway in skin stem cells initiates basal-cell carcinogenesis. <i>Nature Cell Biology</i> , 2015 , 17, 793-803	23.4	102

390	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	17.6	101
389	Genetic evidence that Arrestins are dispensable for the initiation of Adrenergic receptor signaling to ERK. <i>Science Signaling</i> , 2017 , 10,	8.8	101
388	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, 17022-7	11.5	101
387	Tyrosine phosphorylation of the vav proto-oncogene product links FcepsilonRI to the Rac1-JNK pathway. <i>Journal of Biological Chemistry</i> , 1997 , 272, 10751-5	5.4	101
386	Metformin prevents the development of oral squamous cell carcinomas from carcinogen-induced premalignant lesions. <i>Cancer Prevention Research</i> , 2012 , 5, 562-73	3.2	98
385	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, 233-40	9.2	98
384	Regulation of p73 by c-Abl through the p38 MAP kinase pathway. <i>Oncogene</i> , 2002 , 21, 974-9	9.2	98
383	Electrochemical Immunosensors for Interleukin-6. Comparison of Carbon Nanotube Forest and Gold Nanoparticle platforms. <i>Electrochemistry Communications</i> , 2009 , 11, 1009-1012	5.1	94
382	Chemopreventive and chemotherapeutic actions of mTOR inhibitor in genetically defined head and neck squamous cell carcinoma mouse model. <i>Clinical Cancer Research</i> , 2012 , 18, 5304-13	12.9	94
381	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	24.3	93
380	p21-Activated kinase 1 is required for efficient tumor formation and progression in a Ras-mediated skin cancer model. <i>Cancer Research</i> , 2012 , 72, 5966-75	10.1	90
379	Plexin-B1 utilizes RhoA and Rho kinase to promote the integrin-dependent activation of Akt and ERK and endothelial cell motility. <i>Journal of Biological Chemistry</i> , 2007 , 282, 34888-95	5.4	90
378	Potent transforming activity of the G13 alpha subunit defines a novel family of oncogenes. <i>Biochemical and Biophysical Research Communications</i> , 1994 , 201, 603-9	3.4	90
377	Erlotinib and the Risk of Oral Cancer: The Erlotinib Prevention of Oral Cancer (EPOC) Randomized Clinical Trial. <i>JAMA Oncology</i> , 2016 , 2, 209-16	13.4	89
376	PTEN deficiency contributes to the development and progression of head and neck cancer. <i>Neoplasia</i> , 2013 , 15, 461-71	6.4	89
375	A human suppressor of c-Jun N-terminal kinase 1 activation by tumor necrosis factor alpha. <i>Journal of Biological Chemistry</i> , 1997 , 272, 25816-23	5.4	89
374	Exploiting the head and neck cancer oncogenome: widespread PI3K-mTOR pathway alterations and novel molecular targets. <i>Cancer Discovery</i> , 2013 , 3, 722-5	24.4	88
373	PTEN, but not SHIP and SHIP2, suppresses the PI3K/Akt pathway and induces growth inhibition and apoptosis of myeloma cells. <i>Oncogene</i> , 2002 , 21, 5289-300	9.2	88

372	Mitogen-activated protein kinases promote WNT/beta-catenin signaling via phosphorylation of LRP6. <i>Molecular and Cellular Biology</i> , 2011 , 31, 179-89	4.8	86
371	Transcriptional signature primes human oral mucosa for rapid wound healing. <i>Science Translational Medicine</i> , 2018 , 10,	17.5	85
370	A role for p38 MAPK in head and neck cancer cell growth and tumor-induced angiogenesis and lymphangiogenesis. <i>Molecular Oncology</i> , 2014 , 8, 105-18	7.9	84
369	Epidermal growth factor receptor is a co-receptor for adeno-associated virus serotype 6. <i>Nature Medicine</i> , 2010 , 16, 662-4	50.5	84
368	The small GTPase Rac1 links the Kaposi sarcoma-associated herpesvirus vGPCR to cytokine secretion and paracrine neoplasia. <i>Blood</i> , 2004 , 104, 2903-11	2.2	84
367	c-Met-induced epithelial carcinogenesis is initiated by the serine protease matriptase. <i>Oncogene</i> , 2011 , 30, 2003-16	9.2	83
366	Cbl-b, a member of the Sli-1/c-Cbl protein family, inhibits Vav-mediated c-Jun N-terminal kinase activation. <i>Oncogene</i> , 1997 , 15, 2511-20	9.2	83
365	Translocation of the FGR protein-tyrosine kinase as a consequence of neutrophil activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1989 , 86, 8783-7	11.5	83
364	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,	9.7	82
363	Snail up-regulates proinflammatory mediators and inhibits differentiation in oral keratinocytes. <i>Cancer Research</i> , 2008 , 68, 4525-30	10.1	82
362	The Kaposi's sarcoma-associated herpesvirus G protein-coupled receptor as a therapeutic target for the treatment of Kaposi's sarcoma. <i>Cancer Research</i> , 2006 , 66, 168-74	10.1	82
361	Global gene expression profile of nasopharyngeal carcinoma by laser capture microdissection and complementary DNA microarrays. <i>Clinical Cancer Research</i> , 2004 , 10, 4944-58	12.9	81
360	Progressive tumor formation in mice with conditional deletion of TGF-beta signaling in head and neck epithelia is associated with activation of the PI3K/Akt pathway. <i>Cancer Research</i> , 2009 , 69, 5918-26	10.1	80
359	Chemoprevention and treatment of experimental Cowden's disease by mTOR inhibition with rapamycin. <i>Cancer Research</i> , 2008 , 68, 7066-72	10.1	79
358	Rac1 is required for epithelial stem cell function during dermal and oral mucosal wound healing but not for tissue homeostasis in mice. <i>PLoS ONE</i> , 2010 , 5, e10503	3.7	79
357	The p53 tumor suppressor targets a novel regulator of G protein signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997 , 94, 7868-72	11.5	78
356	Hypoxia-induced energy stress inhibits the mTOR pathway by activating an AMPK/REDD1 signaling axis in head and neck squamous cell carcinoma. <i>Neoplasia</i> , 2008 , 10, 1295-302	6.4	78
355	Down-regulation of CXCL5 inhibits squamous carcinogenesis. <i>Cancer Research</i> , 2006 , 66, 4279-84	10.1	78

354	Gastrin stimulates cyclooxygenase-2 expression in intestinal epithelial cells through multiple signaling pathways. Evidence for involvement of ERK5 kinase and transactivation of the epidermal growth factor receptor. <i>Journal of Biological Chemistry</i> , 2002 , 277, 48755-63	5.4	78
353	Phosphoinositide 3-kinase gamma is a mediator of Gbetagamma-dependent Jun kinase activation. <i>Journal of Biological Chemistry</i> , 1998 , 273, 2505-8	5.4	78
352	Interaction Landscape of Inherited Polymorphisms with Somatic Events in Cancer. <i>Cancer Discovery</i> , 2017 , 7, 410-423	24.4	77
351	Autocrine activation of an osteopontin-CD44-Rac pathway enhances invasion and transformation by H-RasV12. <i>Oncogene</i> , 2005 , 24, 489-501	9.2	77
350	A common requirement for the catalytic activity and both SH2 domains of SHP-2 in mitogen-activated protein (MAP) kinase activation by the ErbB family of receptors. A specific role for SHP-2 in map, but not c-Jun amino-terminal kinase activation. <i>Journal of Biological Chemistry</i> , 1998 , 273, 16643-6	5.4	77
349	Assembly and patterning of the vascular network of the vertebrate hindbrain. <i>Development (Cambridge)</i> , 2011 , 138, 1705-15	6.6	76
348	Keratin down-regulation in vimentin-positive cancer cells is reversible by vimentin RNA interference, which inhibits growth and motility. <i>Molecular Cancer Therapeutics</i> , 2008 , 7, 2894-903	6.1	76
347	Combination chemotherapy and radiation of human squamous cell carcinoma of the head and neck augments CTL-mediated lysis. <i>Clinical Cancer Research</i> , 2006 , 12, 1897-905	12.9	76
346	PD-1 blockade attenuates immunosuppressive myeloid cells due to inhibition of CD47/SIRPalpha axis in HPV negative head and neck squamous cell carcinoma. <i>Oncotarget</i> , 2015 , 6, 42067-80	3.3	75
345	Selective activation of effector pathways by brain-specific G protein beta5. <i>Journal of Biological Chemistry</i> , 1996 , 271, 33575-9	5.4	75
344	Thrombin protease-activated receptor-1 signals through Gq- and G13-initiated MAPK cascades regulating c-Jun expression to induce cell transformation. <i>Journal of Biological Chemistry</i> , 2003 , 278, 46814-25	5.4	74
343	Signaling from G protein-coupled receptors to ERK5/Big MAPK 1 involves Galpha q and Galpha 12/13 families of heterotrimeric G proteins. Evidence for the existence of a novel Ras AND Rho-independent pathway. <i>Journal of Biological Chemistry</i> , 2000 , 275, 21730-6	5.4	74
342	Illuminating the Onco-GPCRome: Novel G protein-coupled receptor-driven oncocrine networks and targets for cancer immunotherapy. <i>Journal of Biological Chemistry</i> , 2019 , 294, 11062-11086	5.4	73
341	Complementary roles of intracellular and pericellular collagen degradation pathways in vivo. <i>Molecular and Cellular Biology</i> , 2007 , 27, 6309-22	4.8	73
340	Persistent activation of Rac1 in squamous carcinomas of the head and neck: evidence for an EGFR/Vav2 signaling axis involved in cell invasion. <i>Carcinogenesis</i> , 2007 , 28, 1145-52	4.6	73
339	Role for EPS8 in squamous carcinogenesis. <i>Carcinogenesis</i> , 2009 , 30, 165-74	4.6	72
338	Characterization of Brx, a novel Dbl family member that modulates estrogen receptor action. <i>Oncogene</i> , 1998 , 16, 2513-26	9.2	71
337	Protein kinase C-related kinase and ROCK are required for thrombin-induced endothelial cell permeability downstream from Galpha12/13 and Galpha11/q. <i>Journal of Biological Chemistry</i> , 2008 , 283, 29888-96	5.4	71

336	Rapamycin prevents early onset of tumorigenesis in an oral-specific K-ras and p53 two-hit carcinogenesis model. <i>Cancer Research</i> , 2009 , 69, 4159-66	10.1	70
335	Global gene expression profiles of human head and neck squamous carcinoma cell lines. <i>International Journal of Cancer</i> , 2004 , 112, 249-58	7.5	70
334	Proteome-wide analysis of head and neck squamous cell carcinomas using laser-capture microdissection and tandem mass spectrometry. <i>Oral Oncology</i> , 2005 , 41, 183-99	4.4	70
333	The beta-catenin axis integrates multiple signals downstream from RET/papillary thyroid carcinoma leading to cell proliferation. <i>Cancer Research</i> , 2009 , 69, 1867-76	10.1	69
332	Robo4 signaling in endothelial cells implies attraction guidance mechanisms. <i>Journal of Biological Chemistry</i> , 2006 , 281, 11347-56	5.4	69
331	Structure of the RGS-like domain from PDZ-RhoGEF: linking heterotrimeric g protein-coupled signaling to Rho GTPases. <i>Structure</i> , 2001 , 9, 559-69	5.2	69
330	Cyclooxygenase-2 and colorectal cancer chemoprevention: the beta-catenin connection. <i>Cancer Research</i> , 2006 , 66, 11085-8	10.1	68
329	Tyrosine kinases of the Src family participate in signaling to MAP kinase from both Gq and Gi-coupled receptors. <i>Biochemical and Biophysical Research Communications</i> , 1998 , 244, 5-10	3.4	68
328	Divergent signaling pathways link focal adhesion kinase to mitogen-activated protein kinase cascades. Evidence for a role of paxillin in c-Jun NH(2)-terminal kinase activation. <i>Journal of Biological Chemistry</i> , 1999 , 274, 30738-46	5.4	68
327	P-REX2, a novel PI-3-kinase sensitive Rac exchange factor. <i>FEBS Letters</i> , 2004 , 572, 167-71	3.8	67
326	Insulin-like growth factor-I inhibits the stress-activated protein kinase/c-Jun N-terminal kinase. <i>Journal of Biological Chemistry</i> , 1998 , 273, 25961-6	5.4	67
325	Nuclear localization of heme oxygenase-1 is associated with tumor progression of head and neck squamous cell carcinomas. <i>Experimental and Molecular Pathology</i> , 2012 , 93, 237-45	4.4	66
324	Laser capture microdissection-based in vivo genomic profiling of wound keratinocytes identifies similarities and differences to squamous cell carcinoma. <i>Oncogene</i> , 2003 , 22, 3964-76	9.2	66
323	Structural studies on the PH domains of Dbp1, Sos1, IRS-1, and beta ARK1 and their differential binding to G beta gamma subunits. <i>Biochemistry</i> , 1995 , 34, 9111-7	3.2	66
322	Unraveling the oral cancer lncRNAome: Identification of novel lncRNAs associated with malignant progression and HPV infection. <i>Oral Oncology</i> , 2016 , 59, 58-66	4.4	65
321	New approaches to the understanding of the molecular basis of oral cancer. <i>Critical Reviews in Oral Biology and Medicine</i> , 2001 , 12, 55-63		65
320	Estrogen receptor alpha mediates progestin-induced mammary tumor growth by interacting with progesterone receptors at the cyclin D1/MYC promoters. <i>Cancer Research</i> , 2012 , 72, 2416-27	10.1	64
319	Chemical carcinogenesis models for evaluating molecular-targeted prevention and treatment of oral cancer. <i>Cancer Prevention Research</i> , 2009 , 2, 419-22	3.2	64

318	A role for COX2-derived PGE2 and PGE2-receptor subtypes in head and neck squamous carcinoma cell proliferation. <i>Oral Oncology</i> , 2010 , 46, 880-7	4.4	64
317	LAG-3 confers poor prognosis and its blockade reshapes antitumor response in head and neck squamous cell carcinoma. <i>Oncolmmunology</i> , 2016 , 5, e1239005	7.2	64
316	Requirement of phosphatidylinositol-3 kinase for activation of JNK/SAPKs by PDGF. <i>Biochemical and Biophysical Research Communications</i> , 1997 , 232, 273-7	3.4	63
315	NOTCH1 inhibition enhances the efficacy of conventional chemotherapeutic agents by targeting head neck cancer stem cell. <i>Scientific Reports</i> , 2016 , 6, 24704	4.9	62
314	Assembly and activation of the Hippo signalome by FAT1 tumor suppressor. <i>Nature Communications</i> , 2018 , 9, 2372	17.4	62
313	Biology of advanced uveal melanoma and next steps for clinical therapeutics. <i>Pigment Cell and Melanoma Research</i> , 2015 , 28, 135-47	4.5	62
312	PDGF-CC blockade inhibits pathological angiogenesis by acting on multiple cellular and molecular targets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 12216-21	11.5	62
311	Interaction between FGFR-2, STAT5, and progesterone receptors in breast cancer. <i>Cancer Research</i> , 2011 , 71, 3720-31	10.1	62
310	Human JIK, a novel member of the STE20 kinase family that inhibits JNK and is negatively regulated by epidermal growth factor. <i>Journal of Biological Chemistry</i> , 1999 , 274, 33287-95	5.4	62
309	Expression of heme oxygenase-1 in non-small cell lung cancer (NSCLC) and its correlation with clinical data. <i>Lung Cancer</i> , 2012 , 77, 168-75	5.9	61
308	A role for a CXCR2/phosphatidylinositol 3-kinase gamma signaling axis in acute and chronic vascular permeability. <i>Molecular and Cellular Biology</i> , 2009 , 29, 2469-80	4.8	61
307	An NF-kappaB gene expression signature contributes to Kaposi's sarcoma virus vGPCR-induced direct and paracrine neoplasia. <i>Oncogene</i> , 2008 , 27, 1844-52	9.2	61
306	Matrix metalloproteinase-activated anthrax lethal toxin demonstrates high potency in targeting tumor vasculature. <i>Journal of Biological Chemistry</i> , 2008 , 283, 529-540	5.4	61
305	PI3K β mediates kaposi's sarcoma-associated herpesvirus vGPCR-induced sarcomagenesis. <i>Cancer Cell</i> , 2011 , 19, 805-13	24.3	59
304	CKA, a novel multidomain protein, regulates the JUN N-terminal kinase signal transduction pathway in Drosophila. <i>Molecular and Cellular Biology</i> , 2002 , 22, 1792-803	4.8	59
303	Targeted therapeutic nanotubes influence the viscoelasticity of cancer cells to overcome drug resistance. <i>ACS Nano</i> , 2014 , 8, 4177-89	16.7	58
302	Does dysregulated expression of a deregulated viral GPCR trigger Kaposi's sarcomagenesis?. <i>FASEB Journal</i> , 2004 , 18, 422-7	0.9	58
301	Inhibition of Mammalian target of rapamycin by rapamycin causes the regression of carcinogen-induced skin tumor lesions. <i>Clinical Cancer Research</i> , 2008 , 14, 8094-101	12.9	57

300	Exploiting PI3K/mTOR signaling to accelerate epithelial wound healing. <i>Oral Diseases</i> , 2013 , 19, 551-8	3.5	55
299	The expression of sphingosine kinase-1 in head and neck carcinoma. <i>Cells Tissues Organs</i> , 2010 , 192, 314-24		55
298	Effector domain mutants of Rho dissociate cytoskeletal changes from nuclear signaling and cellular transformation. <i>Oncogene</i> , 1998 , 17, 991-8	9.2	55
297	A nonsynonymous single-nucleotide polymorphism in the PDZ-Rho guanine nucleotide exchange factor (Ser1416Gly) modulates the risk of lung cancer in Mexican Americans. <i>Cancer</i> , 2006 , 106, 2716-24	6.4	55
296	Gene expression profiles in squamous cell carcinomas of the oral cavity: use of laser capture microdissection for the construction and analysis of stage-specific cDNA libraries. <i>Oral Oncology</i> , 2000 , 36, 474-83	4.4	55
295	Structural and biochemical basis for ubiquitin ligase recruitment by arrestin-related domain-containing protein-3 (ARRDC3). <i>Journal of Biological Chemistry</i> , 2014 , 289, 4743-52	5.4	54
294	Preventive and therapeutic effects of Smad7 on radiation-induced oral mucositis. <i>Nature Medicine</i> , 2013 , 19, 421-8	50.5	54
293	Reduced prostatic (CAP1/PRSS8) activity eliminates HAI-1 and HAI-2 deficiency-associated developmental defects by preventing matriptase activation. <i>PLoS Genetics</i> , 2012 , 8, e1002937	6	54
292	Direct interaction of p21-activated kinase 4 with PDZ-RhoGEF, a G protein-linked Rho guanine exchange factor. <i>Journal of Biological Chemistry</i> , 2004 , 279, 6182-9	5.4	54
291	Fc epsilon RI-induced protein tyrosine phosphorylation of pp72 in rat basophilic leukemia cells (RBL-2H3). Evidence for a novel signal transduction pathway unrelated to G protein activation and phosphatidylinositol hydrolysis. <i>Journal of Biological Chemistry</i> , 1992 , 267, 5434-41	5.4	54
290	Direct targeting of G ₁₂ and G ₁₃ oncoproteins in cancer cells. <i>Science Signaling</i> , 2019 , 12,	8.8	53
289	Engineered mesenchymal stem cells with enhanced tropism and paracrine secretion of cytokines and growth factors to treat traumatic brain injury. <i>Stem Cells</i> , 2015 , 33, 456-67	5.8	53
288	Voltage-gated Na ⁺ Channel Activity Increases Colon Cancer Transcriptional Activity and Invasion Via Persistent MAPK Signaling. <i>Scientific Reports</i> , 2015 , 5, 11541	4.9	53
287	Syngeneic animal models of tobacco-associated oral cancer reveal the activity of in situ anti-CTLA-4. <i>Nature Communications</i> , 2019 , 10, 5546	17.4	53
286	SDF-1/CXCL12 induces directional cell migration and spontaneous metastasis via a CXCR4/G ₁₂ /mTORC1 axis. <i>FASEB Journal</i> , 2015 , 29, 1056-68	0.9	52
285	Rab25 regulates invasion and metastasis in head and neck cancer. <i>Clinical Cancer Research</i> , 2013 , 19, 1375-88	12.9	52
284	Rac inhibits thrombin-induced Rho activation: evidence of a Pak-dependent GTPase crosstalk. <i>Journal of Molecular Signaling</i> , 2006 , 1, 8	1	52
283	p35/cyclin-dependent kinase 5 phosphorylation of ras guanine nucleotide releasing factor 2 (RasGRF2) mediates Rac-dependent Extracellular Signal-regulated kinase 1/2 activity, altering RasGRF2 and microtubule-associated protein 1b distribution in neurons. <i>Journal of Neuroscience</i> , 2004 , 24, 4181-91	6.6	52

282	Inactivating mutations in GNA13 and RHOA in Burkitt's lymphoma and diffuse large B-cell lymphoma: a tumor suppressor function for the G13/RhoA axis in B cells. <i>Oncogene</i> , 2016 , 35, 3771-80	9.2	51
281	Signaling circuitries controlling stem cell fate: to be or not to be. <i>Current Opinion in Cell Biology</i> , 2011 , 23, 716-23	9	51
280	Angiopoietin-1 induces Kruppel-like factor 2 expression through a phosphoinositide 3-kinase/AKT-dependent activation of myocyte enhancer factor 2. <i>Journal of Biological Chemistry</i> , 2009 , 284, 5592-601	5.4	51
279	Activation of the mTOR pathway in primary medullary thyroid carcinoma and lymph node metastases. <i>Clinical Cancer Research</i> , 2012 , 18, 3532-40	12.9	51
278	Activation of transforming G protein-coupled receptors induces rapid tyrosine phosphorylation of cellular proteins, including p125FAK and the p130 v-src substrate. <i>Biochemical and Biophysical Research Communications</i> , 1992 , 188, 155-61	3.4	51
277	A systems genetics approach identifies CXCL14, ITGAX, and LPCAT2 as novel aggressive prostate cancer susceptibility genes. <i>PLoS Genetics</i> , 2014 , 10, e1004809	6	50
276	Signals and Receptors. <i>Cold Spring Harbor Perspectives in Biology</i> , 2016 , 8, a005900	10.2	50
275	Kaposi sarcoma-associated herpesvirus promotes tumorigenesis by modulating the Hippo pathway. <i>Oncogene</i> , 2015 , 34, 3536-46	9.2	49
274	Gene expression in human oral squamous cell carcinoma is influenced by risk factor exposure. <i>Oral Oncology</i> , 2009 , 45, 712-9	4.4	49
273	Immune Modulation of Head and Neck Squamous Cell Carcinoma and the Tumor Microenvironment by Conventional Therapeutics. <i>Clinical Cancer Research</i> , 2019 , 25, 4211-4223	12.9	49
272	Role of mitogen-activated protein kinases and c-Jun/AP-1 trans-activating activity in the regulation of protease mRNAs and the malignant phenotype in NIH 3T3 fibroblasts. <i>Journal of Biological Chemistry</i> , 1999 , 274, 801-13	5.4	48
271	Insulin-like growth factor I synergizes with interleukin 4 for hematopoietic cell proliferation independent of insulin receptor substrate expression. <i>Molecular and Cellular Biology</i> , 1999 , 19, 3816-28	4.8	48
270	Requirement of Rac1 distinguishes follicular from interfollicular epithelial stem cells. <i>Oncogene</i> , 2007 , 26, 5078-85	9.2	47
269	Gene discovery in oral squamous cell carcinoma through the Head and Neck Cancer Genome Anatomy Project: confirmation by microarray analysis. <i>Oral Oncology</i> , 2003 , 39, 248-58	4.4	47
268	Identification of H-Ras, RhoA, Rac1 and Cdc42 responsive genes. <i>Oncogene</i> , 2003 , 22, 2689-97	9.2	47
267	Molecular mechanisms deployed by virally encoded G protein-coupled receptors in human diseases. <i>Annual Review of Pharmacology and Toxicology</i> , 2013 , 53, 331-54	17.9	46
266	PDZ-RhoGEF and LARG are essential for embryonic development and provide a link between thrombin and LPA receptors and Rho activation. <i>Journal of Biological Chemistry</i> , 2013 , 288, 12232-43	5.4	46
265	Reciprocal negative regulation between S100A7/psoriasin and beta-catenin signaling plays an important role in tumor progression of squamous cell carcinoma of oral cavity. <i>Oncogene</i> , 2008 , 27, 3527-38	9.2	46

264	Inhibition of Pin1 reduces glutamate-induced perikaryal accumulation of phosphorylated neurofilament-H in neurons. <i>Molecular Biology of the Cell</i> , 2007 , 18, 3645-55	3.5	46
263	The platelet-derived growth factor controls c-myc expression through a JNK- and AP-1-dependent signaling pathway. <i>Journal of Biological Chemistry</i> , 2003 , 278, 50024-30	5.4	46
262	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	12.9	45
261	Signaling from G protein-coupled receptors to the c-jun promoter involves the MEF2 transcription factor. Evidence for a novel c-jun amino-terminal kinase-independent pathway. <i>Journal of Biological Chemistry</i> , 1997 , 272, 20691-7	5.4	45
260	Autoradiographic localization of osteogenin binding sites in cartilage and bone during rat embryonic development. <i>Developmental Biology</i> , 1990 , 140, 209-14	3.1	45
259	The - Pathway Induces Epithelial-Mesenchymal Transition in Head and Neck Squamous Cell Carcinoma. <i>Clinical Cancer Research</i> , 2018 , 24, 619-633	12.9	45
258	Interleukin-21 expression and its association with proinflammatory cytokines in untreated chronic periodontitis patients. <i>Journal of Periodontology</i> , 2012 , 83, 948-54	4.6	42
257	A retroinhibition approach reveals a tumor cell-autonomous response to rapamycin in head and neck cancer. <i>Cancer Research</i> , 2008 , 68, 1144-53	10.1	42
256	Granulocyte colony-stimulating factor induces ERK5 activation, which is differentially regulated by protein-tyrosine kinases and protein kinase C. Regulation of cell proliferation and survival. <i>Journal of Biological Chemistry</i> , 2001 , 276, 10811-6	5.4	42
255	Phase II trial of everolimus in patients with previously treated recurrent or metastatic head and neck squamous cell carcinoma. <i>Head and Neck</i> , 2016 , 38, 1759-1764	4.2	42
254	Inhibition of mTOR Signaling and Clinical Activity of Rapamycin in Head and Neck Cancer in a Window of Opportunity Trial. <i>Clinical Cancer Research</i> , 2019 , 25, 1156-1164	12.9	42
253	Non-hematopoietic PAR-2 is essential for matriptase-driven pre-malignant progression and potentiation of ras-mediated squamous cell carcinogenesis. <i>Oncogene</i> , 2015 , 34, 346-56	9.2	41
252	Prevention of tumor growth driven by PIK3CA and HPV oncogenes by targeting mTOR signaling with metformin in oral squamous carcinomas expressing OCT3. <i>Cancer Prevention Research</i> , 2015 , 8, 197-207	3.2	41
251	Phosphatidylinositol-4-phosphate 5-kinase and GEP100/Brag2 protein mediate antiangiogenic signaling by semaphorin 3E-plexin-D1 through Arf6 protein. <i>Journal of Biological Chemistry</i> , 2011 , 286, 34335-45	5.4	41
250	Stable SET knockdown in head and neck squamous cell carcinoma promotes cell invasion and the mesenchymal-like phenotype in vitro, as well as necrosis, cisplatin sensitivity and lymph node metastasis in xenograft tumor models. <i>Molecular Cancer</i> , 2014 , 13, 32	42.1	40
249	Nano delivers big: designing molecular missiles for cancer therapeutics. <i>Pharmaceutics</i> , 2011 , 3, 34-52	6.4	40
248	Scaffold proteins dictate Rho GTPase-signaling specificity. <i>Trends in Biochemical Sciences</i> , 2005 , 30, 423-60.3	6.0	40
247	Regulation of cyclin-dependent kinase (Cdk) 2 Thr-160 phosphorylation and activity by mitogen-activated protein kinase in late G1 phase. <i>Biochemical Journal</i> , 2000 , 349 Pt 3, 869-76	3.8	40

246	Liver kinase B1 regulates hepatocellular tight junction distribution and function in vivo. <i>Hepatology</i> , 2016 , 64, 1317-29	11.2	39
245	EPS8 upregulates FOXM1 expression, enhancing cell growth and motility. <i>Carcinogenesis</i> , 2010 , 31, 1132-41	4.6	39
244	Expression of the fgr protooncogene product as a function of myelomonocytic cell maturation. <i>Journal of Cell Biology</i> , 1989 , 109, 3129-36	7.3	39
243	LKB1/AMPK and PKA control ABCB11 trafficking and polarization in hepatocytes. <i>PLoS ONE</i> , 2014 , 9, e91921	3.7	38
242	How mitogen-activated protein kinases recognize and phosphorylate their targets: A QM/MM study. <i>Journal of the American Chemical Society</i> , 2009 , 131, 6141-8	16.4	37
241	Rapid microfluidic immunoassays of cancer biomarker proteins using disposable inkjet-printed gold nanoparticle arrays. <i>ChemistryOpen</i> , 2013 , 2, 141-5	2.3	36
240	Integrin β 1, α 5 β 1 effectors p130Cas, Src and talin regulate carcinoma invasion and chemoresistance. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 406, 171-6	3.4	36
239	Novel Molecular Mediators in the Pathway Connecting G-protein-coupled Receptors to MAP Kinase Cascades. <i>Trends in Endocrinology and Metabolism</i> , 1999 , 10, 122-127	8.8	36
238	Atrial natriuretic peptide receptors in sympathetic ganglia: biochemical response and alterations in genetically hypertensive rats. <i>Biochemical and Biophysical Research Communications</i> , 1987 , 149, 65-72	3.4	36
237	SET protein accumulates in HNSCC and contributes to cell survival: antioxidant defense, Akt phosphorylation and AVOs acidification. <i>Oral Oncology</i> , 2012 , 48, 1106-13	4.4	35
236	Laminin-gamma2 overexpression in head-and-neck squamous cell carcinoma. <i>International Journal of Cancer</i> , 2002 , 99, 583-8	7.5	35
235	The Rho family GTPase Cdc42 regulates the activation of Ras/MAP kinase by the exchange factor Ras-GRF. <i>Journal of Biological Chemistry</i> , 2000 , 275, 26441-8	5.4	35
234	Antitumor activity of UCN-01 in carcinomas of the head and neck is associated with altered expression of cyclin D3 and p27(KIP1). <i>Clinical Cancer Research</i> , 2002 , 8, 3549-60	12.9	35
233	Temporal-specific roles of Rac1 during vascular development and retinal angiogenesis. <i>Developmental Biology</i> , 2016 , 411, 183-194	3.1	34
232	mTOR co-targeting strategies for head and neck cancer therapy. <i>Cancer and Metastasis Reviews</i> , 2017 , 36, 491-502	9.6	34
231	CDP-diacylglycerol synthetase-controlled phosphoinositide availability limits VEGFA signaling and vascular morphogenesis. <i>Blood</i> , 2012 , 120, 489-98	2.2	34
230	Galpha12 requires acylation for its transforming activity. <i>Biochemistry</i> , 1998 , 37, 3196-202	3.2	34
229	Biological function of PDGF-induced PI-3 kinase activity: its role in alpha PDGF receptor-mediated mitogenic signaling. <i>Journal of Cell Biology</i> , 1994 , 127, 479-87	7.3	34

228	Specific angiotensin II binding sites in the rat stellate and superior cervical ganglia. <i>Brain Research</i> , 1987 , 422, 347-51	3-7	34
227	4E-BP1 Is a Tumor Suppressor Protein Reactivated by mTOR Inhibition in Head and Neck Cancer. <i>Cancer Research</i> , 2019 , 79, 1438-1450	10.1	33
226	mTOR inhibitors and its role in the treatment of head and neck squamous cell carcinoma. <i>Current Treatment Options in Oncology</i> , 2012 , 13, 71-81	5-4	33
225	Direct transmembrane clustering and cytoplasmic dimerization of focal adhesion kinase initiates its tyrosine phosphorylation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2002 , 1592, 141-52	4-9	33
224	Genetically-defined novel oral squamous cell carcinoma cell lines for the development of molecular therapies. <i>Oncotarget</i> , 2016 , 7, 27802-18	3-3	33
223	GNAS Induces Pancreatic Cystic Neoplasms in Mice That Express Activated KRAS by Inhibiting YAP1 Signaling. <i>Gastroenterology</i> , 2018 , 155, 1593-1607.e12	13-3	33
222	Protein kinase C-zeta reverts v-raf transformation of NIH-3T3 cells. <i>Genes and Development</i> , 1996 , 10, 1455-66	12.6	32
221	Decreased angiotensin II receptors in subfornical organ of spontaneously hypertensive rats after chronic antihypertensive treatment with enalapril. <i>American Journal of Hypertension</i> , 1990 , 3, 59-61	2-3	32
220	Improved clearance during treatment of HPV-positive head and neck cancer through mTOR inhibition. <i>Neoplasia</i> , 2013 , 15, 620-30	6.4	31
219	PLC-gamma activation is required for PDGF-betaR-mediated mitogenesis and monocytic differentiation of myeloid progenitor cells. <i>Oncogene</i> , 1997 , 15, 585-93	9.2	31
218	Inhibition of basic leucine zipper transcription is a major mediator of atrial dilatation. <i>Cardiovascular Research</i> , 2006 , 70, 543-54	9.9	31
217	Transforming G protein-coupled receptors transduce potent mitogenic signals in NIH 3T3 cells independent on cAMP inhibition or conventional protein kinase C. <i>Oncogene</i> , 1993 , 8, 19-26	9.2	31
216	Activation of the orphan receptor GPR55 by lysophosphatidylinositol promotes metastasis in triple-negative breast cancer. <i>Oncotarget</i> , 2016 , 7, 47565-47575	3-3	31
215	Tipifarnib as a Precision Therapy for -Mutant Head and Neck Squamous Cell Carcinomas. <i>Molecular Cancer Therapeutics</i> , 2020 , 19, 1784-1796	6.1	31
214	Multiple PPPS/TP motifs act in a combinatorial fashion to transduce Wnt signaling through LRP6. <i>FEBS Letters</i> , 2008 , 582, 255-61	3.8	30
213	Growth factor-sensitive molecular targets identified in primary and metastatic head and neck squamous cell carcinoma using microarray analysis. <i>Oral Oncology</i> , 2006 , 42, 240-56	4-4	30
212	The antitumor drug candidate 2-(4-amino-3-methylphenyl)-5-fluorobenzothiazole induces NF-kappaB activity in drug-sensitive MCF-7 cells. <i>Anti-Cancer Drugs</i> , 2005 , 16, 137-43	2.4	30
211	Arrestins as rheostats of GPCR signalling. <i>Nature Reviews Molecular Cell Biology</i> , 2018 , 19, 615-616	48.7	29

210	DSG3 as a biomarker for the ultrasensitive detection of occult lymph node metastasis in oral cancer using nanostructured immunoarrays. <i>Oral Oncology</i> , 2013 , 49, 93-101	4.4	29
209	SPECs, small binding proteins for Cdc42. <i>Journal of Biological Chemistry</i> , 2000 , 275, 22650-6	5.4	29
208	A C-terminal mutant of the G protein beta subunit deficient in the activation of phospholipase C-beta. <i>Journal of Biological Chemistry</i> , 1996 , 271, 20208-12	5.4	29
207	Combining portable Raman probes with nanotubes for theranostic applications. <i>Theranostics</i> , 2011 , 1, 310-21	12.1	28
206	c-Abl activates p38 MAPK independently of its tyrosine kinase activity: Implications in cisplatin-based therapy. <i>International Journal of Cancer</i> , 2008 , 122, 289-97	7.5	28
205	TGF-beta receptor I conditional knockout mice develop spontaneous squamous cell carcinoma. <i>Cell Cycle</i> , 2007 , 6, 1360-6	4.7	28
204	Rapid development of salivary gland carcinomas upon conditional expression of K-ras driven by the cytokeratin 5 promoter. <i>American Journal of Pathology</i> , 2006 , 168, 1654-65	5.8	28
203	WNT Stimulation Dissociates a Frizzled 4 Inactive-State Complex with Gq2/13. <i>Molecular Pharmacology</i> , 2016 , 90, 447-59	4.3	28
202	Genetic Identification of SEMA3F as an Antilymphangiogenic Metastasis Suppressor Gene in Head and Neck Squamous Carcinoma. <i>Cancer Research</i> , 2015 , 75, 2937-48	10.1	27
201	Cholecystokinin receptor antagonist halts progression of pancreatic cancer precursor lesions and fibrosis in mice. <i>Pancreas</i> , 2014 , 43, 1050-9	2.6	27
200	IKK epsilon kinase is crucial for viral G protein-coupled receptor tumorigenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 11139-44	11.5	27
199	Potent transforming activity of the small GTP-binding protein Rit in NIH 3T3 cells: evidence for a role of a p38gamma-dependent signaling pathway. <i>FEBS Letters</i> , 2002 , 511, 15-20	3.8	27
198	mTOR inhibition prevents rapid-onset of carcinogen-induced malignancies in a novel inducible HPV-16 E6/E7 mouse model. <i>Carcinogenesis</i> , 2016 , 37, 1014-25	4.6	26
197	A Novel Functional Splice Variant of Defined by Analysis of Alternative Splice Expression in HPV-Positive Oropharyngeal Cancers. <i>Cancer Research</i> , 2017 , 77, 5248-5258	10.1	26
196	Polymeric Nanovehicle Regulated Spatiotemporal Real-Time Imaging of the Differentiation Dynamics of Transplanted Neural Stem Cells after Traumatic Brain Injury. <i>ACS Nano</i> , 2015 , 9, 6683-95	16.7	26
195	Cross talk between the bombesin neuropeptide receptor and Sonic hedgehog pathways in small cell lung carcinoma. <i>Oncogene</i> , 2015 , 34, 1679-87	9.2	25
194	Endothelial RhoA GTPase is essential for in vitro endothelial functions but dispensable for physiological in vivo angiogenesis. <i>Scientific Reports</i> , 2019 , 9, 11666	4.9	25
193	Future directions and treatment strategies for head and neck squamous cell carcinomas. <i>Translational Research</i> , 2012 , 160, 167-77	11	25

192	1 Alpha,25-dihydroxyvitamin D3 and its TX527 analog inhibit the growth of endothelial cells transformed by Kaposi sarcoma-associated herpes virus G protein-coupled receptor in vitro and in vivo. <i>Endocrinology</i> , 2010 , 151, 23-31	4.8	25
191	Plexin B1 is downregulated in renal cell carcinomas and modulates cell growth. <i>Translational Research</i> , 2008 , 151, 134-40	11	25
190	Molecular analysis of anoikis resistance in oral cavity squamous cell carcinoma. <i>Oral Oncology</i> , 2007 , 43, 440-54	4.4	25
189	TRAIL induces apoptosis in oral squamous carcinoma cells--a crosstalk with oncogenic Ras regulated cell surface expression of death receptor 5. <i>Oncotarget</i> , 2013 , 4, 206-17	3.3	25
188	Control of the epithelial stem cell epigenome: the shaping of epithelial stem cell identity. <i>Current Opinion in Cell Biology</i> , 2013 , 25, 162-9	9	24
187	The constitutively active mutant Galpha13 transforms mouse fibroblast cells deficient in insulin-like growth factor-I receptor. <i>Journal of Biological Chemistry</i> , 1997 , 272, 29438-41	5.4	24
186	The ras-related GTPase rac1 regulates a proliferative pathway selectively utilized by G-protein coupled receptors. <i>Oncogene</i> , 1998 , 17, 1617-23	9.2	24
185	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, 33480-91	5.4	24
184	Regulation of angiotensin II binding sites in the subfornical organ and other rat brain nuclei after water deprivation. <i>Cellular and Molecular Neurobiology</i> , 1987 , 7, 447-55	4.6	24
183	Heterotrimeric G-protein alpha-12 (G α 12) subunit promotes oral cancer metastasis. <i>Oncotarget</i> , 2014 , 5, 9626-40	3.3	24
182	G Protein-Coupled receptors and heterotrimeric G proteins as cancer drivers. <i>FEBS Letters</i> , 2020 , 594, 4201-4232	3.8	24
181	Expression of an active G β mutant in skeletal stem cells is sufficient and necessary for fibrous dysplasia initiation and maintenance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E428-E437	11.5	23
180	Impairing squamous differentiation by Klf4 deletion is sufficient to initiate tongue carcinoma development upon K-Ras activation in mice. <i>Carcinogenesis</i> , 2014 , 35, 662-9	4.6	23
179	The basic domain of HIV-tat transactivating protein is essential for its targeting to lipid rafts and regulating fibroblast growth factor-2 signaling in podocytes isolated from children with HIV-1-associated nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2014 , 25, 1800-13	12.7	23
178	Remodeling of VE-cadherin junctions by the human herpes virus 8 G-protein coupled receptor. <i>Oncogene</i> , 2011 , 30, 190-200	9.2	23
177	Nanostructured Immunosensor for Attomolar Detection of Cancer Biomarker Interleukin-8 Using Massively Labeled Superparamagnetic Particles. <i>Angewandte Chemie</i> , 2011 , 123, 8061-8064	3.6	23
176	Imaging the distribution of individual platinum-based anticancer drug molecules attached to single-wall carbon nanotubes. <i>Nanomedicine</i> , 2009 , 4, 763-72	5.6	23
175	Investigation of the catalytic mechanism of farnesyl pyrophosphate synthase by computer simulation. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 18052-7	3.4	23

174	Immunolocalization of c-Fos and c-Jun in human oral mucosa and in oral squamous cell carcinoma. <i>Journal of Oral Pathology and Medicine</i> , 2002 , 31, 78-81	3.3	23
173	Induction of apoptosis in head-and-neck squamous carcinoma cells by gamma-irradiation and bleomycin is p53-independent. <i>International Journal of Cancer</i> , 2000 , 88, 737-43	7.5	23
172	Cannabinoids Promote Progression of HPV-Positive Head and Neck Squamous Cell Carcinoma via p38 MAPK Activation. <i>Clinical Cancer Research</i> , 2020 , 26, 2693-2703	12.9	22
171	Accumulation of the SET protein in HEK293T cells and mild oxidative stress: cell survival or death signaling. <i>Molecular and Cellular Biochemistry</i> , 2012 , 363, 65-74	4.2	22
170	Cross-desensitization and cointernalization of H1 and H2 histamine receptors reveal new insights into histamine signal integration. <i>Molecular Pharmacology</i> , 2013 , 83, 1087-98	4.3	22
169	Overexpression of mammalian protein kinase C-zeta does not affect the growth characteristics of NIH 3T3 cells. <i>Biochemical and Biophysical Research Communications</i> , 1995 , 213, 266-72	3.4	22
168	Novel 1-phenylcycloalkanecarboxylic acid derivatives are potent and selective sigma 1 ligands. <i>Journal of Medicinal Chemistry</i> , 1994 , 37, 2285-91	8.3	22
167	Circulating Fibroblast Growth Factor-2, HIV-Tat, and Vascular Endothelial Cell Growth Factor-A in HIV-Infected Children with Renal Disease Activate Rho-A and Src in Cultured Renal Endothelial Cells. <i>PLoS ONE</i> , 2016 , 11, e0153837	3.7	22
166	Metformin Inhibits Progression of Head and Neck Squamous Cell Carcinoma by Acting Directly on Carcinoma-Initiating Cells. <i>Cancer Research</i> , 2019 , 79, 4360-4370	10.1	21
165	Uncoupling of epidermal growth factor-dependent proliferation and invasion in a model of squamous carcinoma progression. <i>Oral Oncology</i> , 2005 , 41, 698-708	4.4	21
164	Germline genetic variation modulates tumor progression and metastasis in a mouse model of neuroendocrine prostate carcinoma. <i>PLoS ONE</i> , 2013 , 8, e61848	3.7	21
163	IGF-1/IGF-1R/FAK/YAP Transduction Signaling Prompts Growth Effects in Triple-Negative Breast Cancer (TNBC) Cells. <i>Cells</i> , 2020 , 9,	7.9	20
162	Over-expression of MAGED4B increases cell migration and growth in oral squamous cell carcinoma and is associated with poor disease outcome. <i>Cancer Letters</i> , 2012 , 321, 18-26	9.9	20
161	Genome-wide analysis of oral cancer Early results from the Cancer Genome Anatomy Project. <i>Oral Oncology</i> , 2000 , 36, 8-16	4.4	20
160	Massively parallel sequencing reveals an accumulation of de novo mutations and an activating mutation of LPAR1 in a patient with metastatic neuroblastoma. <i>PLoS ONE</i> , 2013 , 8, e77731	3.7	20
159	Gβ signaling to the chemotactic effector P-REX1 and mammalian cell migration is directly regulated by Gβ and Gβ proteins. <i>Journal of Biological Chemistry</i> , 2019 , 294, 531-546	5.4	20
158	Beyond Synthetic Lethality: Charting the Landscape of Pairwise Gene Expression States Associated with Survival in Cancer. <i>Cell Reports</i> , 2019 , 28, 938-948.e6	10.6	19
157	Modular architecture and novel protein-protein interactions regulating the RGS-containing Rho guanine nucleotide exchange factors. <i>Methods in Enzymology</i> , 2004 , 390, 259-85	1.7	19

156	Chimeric G alpha i2/G alpha 13 proteins reveal the structural requirements for the binding and activation of the RGS-like (RGL)-containing Rho guanine nucleotide exchange factors (GEFs) by G alpha 13. <i>Journal of Biological Chemistry</i> , 2004 , 279, 54283-90	5.4	19
155	Tenin can induce JNK and p38 activation. <i>Biochemical and Biophysical Research Communications</i> , 2000 , 272, 717-20	3.4	19
154	Longitudinal imaging studies of tumor microenvironment in mice treated with the mTOR inhibitor rapamycin. <i>PLoS ONE</i> , 2012 , 7, e49456	3.7	19
153	Agonist-induced Ca ²⁺ sensitization in smooth muscle: redundancy of Rho guanine nucleotide exchange factors (RhoGEFs) and response kinetics, a caged compound study. <i>Journal of Biological Chemistry</i> , 2013 , 288, 34030-34040	5.4	18
152	Somatic mutation of GRIN2A in malignant melanoma results in loss of tumor suppressor activity via aberrant NMDAR complex formation. <i>Journal of Investigative Dermatology</i> , 2014 , 134, 2390-2398	4.3	18
151	Neuronal nuclear organization is controlled by cyclin-dependent kinase 5 phosphorylation of Ras Guanine nucleotide releasing factor-1. <i>NeuroSignals</i> , 2006 , 15, 157-73	1.9	18
150	The G α 12/13 family of heterotrimeric G proteins and the small GTPase RhoA link the Kaposi sarcoma-associated herpes virus G protein-coupled receptor to heme oxygenase-1 expression and tumorigenesis. <i>Journal of Biological Chemistry</i> , 2007 , 282, 34510-24	5.4	18
149	Metabotropic glutamate receptors activate phospholipase D in astrocytes through a protein kinase C-dependent and Rho-independent pathway. <i>Neuropharmacology</i> , 2003 , 44, 171-80	5.5	18
148	Regulation of brain atrial natriuretic peptide and angiotensin receptors: quantitative autoradiographic studies. <i>International Review of Neurobiology</i> , 1989 , 31, 257-96	4.4	18
147	G protein-regulated endocytic trafficking of adenylyl cyclase type 9. <i>ELife</i> , 2020 , 9,	8.9	18
146	HPV16 E5 Mediates Resistance to PD-L1 Blockade and Can Be Targeted with Rimantadine in Head and Neck Cancer. <i>Cancer Research</i> , 2020 , 80, 732-746	10.1	18
145	An interplay between the p38 MAPK pathway and AUBPs regulates c-fos mRNA stability during mitogenic stimulation. <i>Biochemical Journal</i> , 2015 , 467, 77-90	3.8	17
144	Brag2 differentially regulates α - and β -integrin-dependent adhesion in endothelial cells and is involved in developmental and pathological angiogenesis. <i>Basic Research in Cardiology</i> , 2014 , 109, 404	11.8	17
143	A new G(q)-initiated MAPK signaling pathway in the heart. <i>Developmental Cell</i> , 2009 , 16, 163-4	10.2	17
142	Carboxyl-terminal domain of p27Kip1 activates CDC2. <i>Journal of Biological Chemistry</i> , 1997 , 272, 21669-74	7.4	17
141	The pathway connecting m2 receptors to the nucleus involves small GTP-binding proteins acting on divergent MAP kinase cascades. <i>Life Sciences</i> , 1997 , 60, 999-1006	6.8	17
140	Association of estrogen receptor-alpha and progesterone receptor A expression with hormonal mammary carcinogenesis: role of the host microenvironment. <i>Breast Cancer Research</i> , 2007 , 9, R22	8.3	17
139	Detection of plasminogen activators in oral cancer by laser capture microdissection combined with zymography. <i>Oral Oncology</i> , 2004 , 40, 1026-32	4.4	17

138	Cryo-electron microscopy structure and analysis of the P-Rex1-Gβ signaling scaffold. <i>Science Advances</i> , 2019 , 5, eaax8855	14.3	16
137	Melanoma cell lysate induces CCR7 expression and in vivo migration to draining lymph nodes of therapeutic human dendritic cells. <i>Immunology</i> , 2014 , 142, 396-405	7.8	16
136	Onco-GPCR signaling and dysregulated expression of microRNAs in human cancer. <i>Journal of Human Genetics</i> , 2017 , 62, 87-96	4.3	16
135	SET overexpression decreases cell detoxification efficiency: ALDH2 and GSTP1 are downregulated, DDR is impaired and DNA damage accumulates. <i>FEBS Journal</i> , 2012 , 279, 4615-28	5.7	16
134	Role of GRB2-associated binder 1 in epidermal growth factor receptor-induced signaling in head and neck squamous cell carcinoma. <i>International Journal of Cancer</i> , 2013 , 132, 1042-50	7.5	16
133	Levels of interleukin-21 in patients with untreated chronic periodontitis. <i>Journal of Periodontology</i> , 2011 , 82, 1483-9	4.6	16
132	Isoproterenol inhibits fibroblast growth factor-2-induced growth of renal epithelial cells. <i>Pediatric Nephrology</i> , 2000 , 14, 726-34	3.2	16
131	Deletion of the COOH terminus converts the ST5 p70 protein from an inhibitor of RAS signaling to an activator with transforming activity in NIH-3T3 cells. <i>Journal of Biological Chemistry</i> , 2000 , 275, 6560-5	5.4	16
130	The non-catalytic domain of ras-GAP inhibits transformation induced by G protein coupled receptors. <i>Oncogene</i> , 1994 , 9, 597-601	9.2	16
129	The homozygous CX3CR1-M280 mutation impairs human monocyte survival. <i>JCI Insight</i> , 2018 , 3,	9.9	16
128	Prevention of irradiation-induced salivary hypofunction by rapamycin in swine parotid glands. <i>Oncotarget</i> , 2016 , 7, 20271-81	3.3	16
127	Phase 1 dose-finding study of metformin in combination with concurrent cisplatin and radiotherapy in patients with locally advanced head and neck squamous cell cancer. <i>Cancer</i> , 2020 , 126, 354-362	6.4	16
126	Fluorescent, bioactive protein nanoparticles (prodots) for rapid, improved cellular uptake. <i>Bioconjugate Chemistry</i> , 2015 , 26, 396-404	6.3	15
125	Classical membrane progesterone receptors in murine mammary carcinomas: agonistic effects of progestins and RU-486 mediating rapid non-genomic effects. <i>Breast Cancer Research and Treatment</i> , 2011 , 126, 621-36	4.4	15
124	The pathway linking small GTP-binding proteins of the Rho family to cytoskeletal components and novel signaling kinase cascades. <i>Seminars in Cell and Developmental Biology</i> , 1996 , 7, 683-690	7.5	15
123	Loss of PTEN expression leading to high Akt activation in human multiple myelomas. <i>Blood</i> , 2000 , 96, 3560-3568	2.2	15
122	Angiotensin II and basic fibroblast growth factor mitogenic pathways in human fetal mesangial cells. <i>Pediatric Research</i> , 2000 , 47, 614-21	3.2	15
121	Activation of Ras and Rho GTPases and MAP Kinases by G-protein-coupled receptors. <i>Methods in Molecular Biology</i> , 2010 , 661, 137-50	1.4	15

120	Combined image guided monitoring the pharmacokinetics of rapamycin loaded human serum albumin nanoparticles with a split luciferase reporter. <i>Nanoscale</i> , 2016 , 8, 3991-4000	7.7	14
119	Accumulation of dephosphorylated 4EBP after mTOR inhibition with rapamycin is sufficient to disrupt paracrine transformation by the KSHV vGPCR oncogene. <i>Oncogene</i> , 2014 , 33, 2405-12	9.2	14
118	Nuclear mapping of nanodrug delivery systems in dynamic cellular environments. <i>ACS Nano</i> , 2012 , 6, 4966-72	16.7	14
117	Effect of activating and inactivating mutations of Gs- and Gi2-alpha protein subunits on growth and differentiation of 3T3-L1 preadipocytes. <i>Journal of Cellular Biochemistry</i> , 1997 , 64, 242-57	4.7	14
116	Role of the cAMP and MAPK pathways in the transformation of mouse 3T3 fibroblasts by a TSHR gene constitutively activated by point mutation. <i>Oncogene</i> , 2000 , 19, 4896-905	9.2	14
115	Integrative computational analysis of transcriptional and epigenetic alterations implicates DTX1 as a putative tumor suppressor gene in HNSCC. <i>Oncotarget</i> , 2017 , 8, 15349-15363	3.3	14
114	A synthetic-lethality RNAi screen reveals an ERK-mTOR co-targeting pro-apoptotic switch in PIK3CA+ oral cancers. <i>Oncotarget</i> , 2016 , 7, 10696-709	3.3	14
113	cAMP-dependent activation of the Rac guanine exchange factor P-REX1 by type I protein kinase A (PKA) regulatory subunits. <i>Journal of Biological Chemistry</i> , 2019 , 294, 2232-2246	5.4	13
112	Identification and characterization of a novel Ste20/germinal center kinase-related kinase, polyploidy-associated protein kinase. <i>Journal of Biological Chemistry</i> , 2003 , 278, 13520-30	5.4	13
111	Oncotargeting G proteins: The Hippo in the room. <i>Oncotarget</i> , 2014 , 5, 10997-9	3.3	13
110	HPV E2, E4, E5 drive alternative carcinogenic pathways in HPV positive cancers. <i>Oncogene</i> , 2020 , 39, 6327-6339	5.6	13
109	Detecting cancer metastasis and accompanying protein biomarkers at single cell levels using a 3D-printed microfluidic immunoarray. <i>Biosensors and Bioelectronics</i> , 2021 , 171, 112681	11.8	13
108	MPA-induced gene expression and stromal and parenchymal gene expression profiles in luminal murine mammary carcinomas with different hormonal requirements. <i>Breast Cancer Research and Treatment</i> , 2011 , 129, 49-67	4.4	12
107	Profiling EGFR activity in head and neck squamous cell carcinoma by using a novel layered membrane Western blot technology. <i>Oral Oncology</i> , 2005 , 41, 503-8	4.4	12
106	Structure of the C-terminal guanine nucleotide exchange factor module of Trio in an autoinhibited conformation reveals its oncogenic potential. <i>Science Signaling</i> , 2019 , 12,	8.8	12
105	Focal Adhesion Kinase Fine Tunes Multifaced Signals toward Breast Cancer Progression. <i>Cancers</i> , 2021 , 13,	6.6	12
104	Synthetic Lethal Screens Reveal Cotargeting FAK and MEK as a Multimodal Precision Therapy for -Driven Uveal Melanoma. <i>Clinical Cancer Research</i> , 2021 , 27, 3190-3200	12.9	12
103	SOX2 Epidermal Overexpression Promotes Cutaneous Wound Healing via Activation of EGFR/MEK/ERK Signaling Mediated by EGFR Ligands. <i>Journal of Investigative Dermatology</i> , 2019 , 139, 1809-1820.e8	4.3	11

102	Genome-wide prediction of synthetic rescue mediators of resistance to targeted and immunotherapy. <i>Molecular Systems Biology</i> , 2019 , 15, e8323	12.2	11
101	Insights into β -adrenergic receptor binding from structures of the N-terminal lobe of ARRDC3. <i>Protein Science</i> , 2014 , 23, 1708-16	6.3	11
100	Oral and pharyngeal epithelial keratinocyte culture. <i>Methods in Molecular Biology</i> , 2013 , 945, 67-79	1.4	11
99	Kaposi's sarcoma virally encoded, G-protein-coupled receptor: a paradigm for paracrine transformation. <i>Methods in Enzymology</i> , 2009 , 460, 125-50	1.7	11
98	Scientific progress in understanding oral and pharyngeal cancers. <i>Journal of the American Dental Association</i> , 1998 , 129, 713-8	1.9	11
97	Cardiovascular effects of alpha-adrenergic drugs: differences between clonidine and guanabenz. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1986 , 332, 370-5	3.4	11
96	Metformin Is Associated With Reduced Odds for Colorectal Cancer Among Persons With Diabetes. <i>Clinical and Translational Gastroenterology</i> , 2019 , 10, e00092	4.2	11
95	Muscarinic receptors promote castration-resistant growth of prostate cancer through a FAK-YAP signaling axis. <i>Oncogene</i> , 2020 , 39, 4014-4027	9.2	10
94	Differential inhibitor of Gbetagamma signaling to AKT and ERK derived from phosducin-like protein: effect on sphingosine 1-phosphate-induced endothelial cell migration and in vitro angiogenesis. <i>Journal of Biological Chemistry</i> , 2009 , 284, 18334-46	5.4	10
93	The actin domain of Gardner-Rasheed feline sarcoma virus inhibits kinase and transforming activities. <i>Journal of Virology</i> , 1989 , 63, 1715-20	6.6	10
92	MKP1 mediates chemosensitizer effects of E1a in response to cisplatin in non-small cell lung carcinoma cells. <i>Oncotarget</i> , 2015 , 6, 44095-107	3.3	10
91	Proteomic profiling of the cancer microenvironment by antibody arrays 2001 , 1, 1271		10
90	G β 2- and G β 3-Subunits of Heterotrimeric G-Proteins A Novel Family of Oncogenes 1998 , 101-117		10
89	Effects of palbociclib on oral squamous cell carcinoma and the role of in conferring resistance. <i>Cancer Biology and Medicine</i> , 2019 , 16, 264-275	5.2	9
88	Importance of the MKK6/p38 pathway for interleukin-12-induced STAT4 serine phosphorylation and transcriptional activity. <i>Blood</i> , 2000 , 96, 1844-1852	2.2	9
87	Disruption of the HER3-PI3K-mTOR oncogenic signaling axis and PD-1 blockade as a multimodal precision immunotherapy in head and neck cancer. <i>Nature Communications</i> , 2021 , 12, 2383	17.4	9
86	Levels of sirolimus in saliva and blood following oral topical sustained-release varnish delivery system application. <i>Cancer Chemotherapy and Pharmacology</i> , 2015 , 75, 969-74	3.5	8
85	Anti-angiogenic effects of VEGF stimulation on endothelium deficient in phosphoinositide recycling. <i>Nature Communications</i> , 2020 , 11, 1204	17.4	8

84	PI3K pathway is involved in ERK signaling cascade activation by histamine H2R agonist in HEK293T cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016 , 1860, 1998-2007	4	8
83	Rare, functional, somatic variants in gene families linked to cancer genes: GPCR signaling as a paradigm. <i>Oncogene</i> , 2019 , 38, 6491-6506	9.2	8
82	Oral Cancer: Integration of Studies for Diagnostic and Therapeutic Precision. <i>Advances in Dental Research</i> , 2019 , 30, 45-49	2.3	8
81	Heparin inhibits angiotensin II-induced vasoconstriction on isolated mouse mesenteric resistance arteries through Rho-A- and PKA-dependent pathways. <i>Vascular Pharmacology</i> , 2013 , 58, 313-8	5.9	8
80	Lower number of atrial natriuretic peptide receptors in thymocytes and spleen cells of spontaneously hypertensive rats. <i>Biochemical and Biophysical Research Communications</i> , 1987 , 149, 1132-40	3.4	8
79	Gβ1 directly drives PDZ-RhoGEF signaling to Cdc42. <i>Journal of Biological Chemistry</i> , 2020 , 295, 16920-16928	5.4	8
78	Cancer-associated fibroblast secretion of PDGFC promotes gastrointestinal stromal tumor growth and metastasis. <i>Oncogene</i> , 2021 , 40, 1957-1973	9.2	8
77	Genetic variants affecting equivalent protein family positions reflect human diversity. <i>Scientific Reports</i> , 2017 , 7, 12771	4.9	7
76	Redirecting extracellular proteases to molecularly guide radiosensitizing drugs to tumors. <i>Biomaterials</i> , 2020 , 248, 120032	15.6	7
75	mTOR inhibitor use in head and neck squamous cell carcinoma: A meta-analysis on survival, tumor response, and toxicity. <i>Laryngoscope Investigative Otolaryngology</i> , 2020 , 5, 243-255	2.8	7
74	Epidermal loss of Gβ1 confers a migratory and differentiation defect in keratinocytes. <i>PLoS ONE</i> , 2017 , 12, e0173692	3.7	7
73	Levels of sirolimus in saliva and blood following mouthwash application. <i>Oral Diseases</i> , 2014 , 20, 768-72	3.5	7
72	Keeping the epidermal stem cell niche in shape. <i>Cell Stem Cell</i> , 2010 , 7, 143-5	18	7
71	RCAS/SCL-TVA animal model allows targeted delivery of polyoma middle T oncogene to vascular endothelial progenitors in vivo and results in hemangioma development. <i>Clinical Cancer Research</i> , 2008 , 14, 3948-55	12.9	7
70	Signaling by G protein coupled receptors and G proteins: a perspective. <i>Oncogene</i> , 2001 , 20, 1530-1531	9.2	7
69	Characterization of AT2 receptor expression in NIH 3T3 fibroblasts. <i>Cellular and Molecular Neurobiology</i> , 1999 , 19, 277-88	4.6	7
68	The PH domain of Ras-GAP is sufficient for in vitro binding to beta gamma subunits of heterotrimeric G proteins. <i>Cellular and Molecular Neurobiology</i> , 1996 , 16, 51-9	4.6	7
67	A pilot, single arm, prospective trial using neoadjuvant rapamycin prior to definitive therapy in head and neck squamous cell carcinoma.. <i>Journal of Clinical Oncology</i> , 2015 , 33, 6071-6071	2.2	7

66	A Molecular Crosstalk between E-cadherin and EGFR Signaling Networks 2008 , 131-146		7
65	Pathway-Specific Genome Editing of PI3K/mTOR Tumor Suppressor Genes Reveals that Loss Contributes to Cetuximab Resistance in Head and Neck Cancer. <i>Molecular Cancer Therapeutics</i> , 2020 , 19, 1562-1571	6.1	6
64	Cellular systems for studying human oral squamous cell carcinomas. <i>Advances in Experimental Medicine and Biology</i> , 2011 , 720, 27-38	3.6	6
63	Activation of MAPKs by G protein-coupled receptors. <i>Methods in Molecular Biology</i> , 2004 , 250, 203-10	1.4	6
62	Transforming G protein-coupled receptors block insulin and ras-induced adipocytic differentiation in 3T3-L1 cells: evidence for a PKC and MAP kinase independent pathway. <i>Biochemical and Biophysical Research Communications</i> , 1998 , 245, 554-61	3.4	6
61	Development and optimization of orthotopic liver metastasis xenograft mouse models in uveal melanoma. <i>Journal of Translational Medicine</i> , 2020 , 18, 208	8.5	6
60	Gs-Protein Kinase A (PKA) Pathway Signalopathies: The Emerging Genetic Landscape and Therapeutic Potential of Human Diseases Driven by Aberrant Gs-PKA Signaling. <i>Pharmacological Reviews</i> , 2021 , 73, 155-197	22.5	6
59	Calcium signaling induces a partial EMT. <i>EMBO Reports</i> , 2021 , 22, e51872	6.5	6
58	A protein network map of head and neck cancer reveals PIK3CA mutant drug sensitivity. <i>Science</i> , 2021 , 374, eabf2911	33.3	6
57	E1a is an exogenous in vivo tumour suppressor. <i>Cancer Letters</i> , 2017 , 399, 74-81	9.9	5
56	GENIPAC: A Genomic Information Portal for Head and Neck Cancer Cell Systems. <i>Journal of Dental Research</i> , 2018 , 97, 909-916	8.1	5
55	Effect of chronic administration of the converting enzyme inhibitor enalapril (MK 421) on brain atrial natriuretic peptide receptors in Wistar-Kyoto and spontaneously hypertensive rats. <i>Brain Research</i> , 1988 , 475, 134-40	3.7	5
54	EGFR Regulates the Hippo pathway by promoting the tyrosine phosphorylation of MOB1. <i>Communications Biology</i> , 2021 , 4, 1237	6.7	5
53	Unleashing Immunotherapy by Targeting Cancer Stem Cells. <i>Cell Stem Cell</i> , 2020 , 27, 187-189	18	5
52	Inhibition of mTOR signaling and clinical activity of metformin in oral premalignant lesions. <i>JCI Insight</i> , 2021 , 6,	9.9	5
51	PRECOG: PREdicting COupling probabilities of G-protein coupled receptors. <i>Nucleic Acids Research</i> , 2019 , 47, W395-W401	20.1	4
50	Dermatomyositis paraneoplastic syndrome before symptomatic tonsillar squamous cell carcinoma: a case report. <i>Head and Neck</i> , 2015 , 37, E1-3	4.2	4
49	G-protein-coupled receptor of Kaposi's sarcoma-associated herpesvirus is a viral oncogene and angiogenesis activator. <i>Nature</i> , 1998 , 392, 210-210	50.4	4

48	Further evidence of interaction between vasodilator beta 2- and vasoconstrictor alpha 2-adrenoceptor-mediated responses in maintaining vascular tone in anesthetized rats. <i>Journal of Cardiovascular Pharmacology</i> , 1989 , 14, 874-80	3.1	4
47	Interaction between beta 2- and alpha 2-adrenoceptor responses in the vascular system: effect of clenbuterol. <i>European Journal of Pharmacology</i> , 1986 , 130, 119-24	5.3	4
46	Nonmuscle myosin 2 regulates cortical stability during sprouting angiogenesis. <i>Molecular Biology of the Cell</i> , 2020 , 31, 1974-1987	3.5	3
45	P126. Expression of GNA12 and its role in oral cancer. <i>Oral Oncology</i> , 2011 , 47, S114-S115	4.4	3
44	Dual transduction signaling by a Xenopus muscarinic receptor: Adenylyl cyclase inhibition and MAP kinase activation. <i>Journal of Cellular Biochemistry</i> , 1997 , 65, 75-82	4.7	3
43	Gene expression changes in a patient presenting nonleukaemic nasal granulocytic sarcoma to acute myelogenous leukaemia using 40 K cDNA microarray. <i>International Journal of Laboratory Hematology</i> , 2006 , 28, 262-6		3
42	Molecular Mechanisms of Cancer71-142		3
41	Regulation of mitogen-activated protein kinases by G-protein-coupled receptors. <i>Methods in Enzymology</i> , 2002 , 345, 437-47	1.7	3
40	Different pharmacological interaction of clonidine and guanabenz with antidepressive drugs. <i>Clinical and Experimental Hypertension</i> , 1987 , 9, 1531-47		3
39	Treatment with clorgyline and pargyline differentially decreases clonidine-induced hypotension and bradycardia. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1984 , 327, 189-92	3.4	3
38	Aberrant expression of CPSF1 promotes head and neck squamous cell carcinoma via regulating alternative splicing. <i>PLoS ONE</i> , 2020 , 15, e0233380	3.7	3
37	Ataxia telangiectasia mutated nuclear localization in head and neck cancer cells is PPP2R2B-dependent. <i>Asian Biomedicine</i> , 2010 , 4, 373-383	0.4	3
36	Autoradiographic quantification of vasoactive intestinal peptide binding sites in sections from human blood mononuclear cell pellets. <i>Neuropsychopharmacology</i> , 1988 , 1, 251-5	8.7	3
35	Establishment of a novel cancer cell line derived from vulvar carcinoma associated with lichen sclerosus exhibiting a fibroblast-dependent tumorigenic potential. <i>Experimental Cell Research</i> , 2020 , 386, 111684	4.2	3
34	Development of a yeast-based system to identify new hBRAFFV600E functional interactors. <i>Oncogene</i> , 2019 , 38, 1355-1366	9.2	3
33	Interpretation of cancer mutations using a multiscale map of protein systems. <i>Science</i> , 2021 , 374, eabf3067	3.5	3
32	Pressor Response Induced by Clenbuterol Treatment in Immobilized Normotensive Rats. <i>Journal of Cardiovascular Pharmacology</i> , 1989 , 13, 793-798	3.1	2
31	Characterization of beta-adrenergic receptors in sections from human blood lymphocyte pellets by quantitative autoradiography. <i>Biological Psychiatry</i> , 1988 , 23, 749-54	7.9	2

30	Microneedle-mediated intratumoral delivery of anti-CTLA-4 promotes cDC1-dependent eradication of oral squamous cell carcinoma with limited irAEs.. <i>Molecular Cancer Therapeutics</i> , 2022 ,	6.1	2
29	Angiopoietin-2-induced lymphatic endothelial cell migration drives lymphangiogenesis via the α 5 β 1 integrin-RhoA-formin axis.. <i>Angiogenesis</i> , 2022 , 1	10.6	2
28	Activation of G-Protein Coupled Receptor-G β Signaling Increases Keratinocyte Proliferation and Reduces Differentiation, Leading to Epidermal Hyperplasia. <i>Journal of Investigative Dermatology</i> , 2020 , 140, 1195-1203.e3	4.3	2
27	Insights into epithelial cell senescence from transcriptome and secretome analysis of human oral keratinocytes. <i>Aging</i> , 2021 , 13, 4747-4777	5.6	2
26	Emerging Cancer Biomarkers for HNSCC Detection and Therapeutic Intervention 2017 , 281-308		1
25	GPCRs in head and neck squamous cell carcinoma 2020 , 317-334		1
24	RGS-RhoGEFs and other RGS multidomain proteins as effector molecules in GPCR-dependent and GPCR-independent cell signaling159-188		1
23	Probes for narcotic receptor mediated phenomena 22. (1) synthesis and characterization of optically pure [3H](+)-4-[(R)- α -(2S, 5R)-4-propyl-2,5-dimethyl-1-piperazinyl]-3-methoxybenzyl]-N, N-diethylbenzamide, [3H]SNC 121, a novel high affinity and selective ligand for delta opioid receptors. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 1996 , 38, 847-856	1.9	1
22	Decreased angiotensin II binding affinity and binding capacity in the anterior pituitary gland of adult spontaneously hypertensive rats. <i>Life Sciences</i> , 1988 , 43, 445-51	6.8	1
21	Using Heterologous COS-7 Cells to Identify Semaphorin-Signaling Components. <i>Methods in Molecular Biology</i> , 2017 , 1493, 163-170	1.4	1
20	Targeting the mTOR Signaling Circuitry in Head and Neck Cancer 2017 , 163-181		1
19	Head and Neck Cancer and the PI3K/Akt/mTOR Signaling Network: Novel Molecular Targeted Therapies 2011 , 407-429		1
18	The anti-tumour activity of DNA methylation inhibitor 5-aza-2'-deoxycytidine is enhanced by the common analgesic paracetamol through induction of oxidative stress. <i>Cancer Letters</i> , 2021 , 501, 172-186 ^{9.9}	9.9	1
17	Clinical trial in progress: Phase II trial of defactinib (VS-6063) combined with VS-6766 (CH5126766) in patients with metastatic uveal melanoma.. <i>Journal of Clinical Oncology</i> , 2021 , 39, TPS9588-TPS9588	2.2	1
16	The Wnt/ β catenin Signaling Circuitry in Head and Neck Cancer 2014 , 199-214		1
15	Genomic Hippo Pathway Alterations and Persistent YAP/TAZ Activation: New Hallmarks in Head and Neck Cancer.. <i>Cells</i> , 2022 , 11,	7.9	1
14	GNAS-PKA Oncosignaling Network in Colorectal Cancer. <i>FASEB Journal</i> , 2018 , 32, 695.9	0.9	0
13	Targeting mTOR in Head and Neck Cancer-Response. <i>Clinical Cancer Research</i> , 2019 , 25, 6555	12.9	0

12	Transcriptional repression of estrogen receptor alpha by YAP reveals the Hippo pathway as therapeutic target for ER breast cancer.. <i>Nature Communications</i> , 2022 , 13, 1061	17.4	○
11	PD31. Emerging animal models for the functional genomics analysis of the oral cancer oncogene. <i>Oral Oncology</i> , 2011 , 47, S13-S14	4.4	
10	G-Protein-Coupled Receptors, Signal Fidelity, and Cell Transformation 2010 , 1635-1648		
9	Squamous Carcinomas of the Head and Neck 2003 , 509-VIII		
8	Gβ (GNAS) suppression of the p53 genomic-stability checkpoint unleashes RAS-driven oncogenesis. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
7	Sema3F Suppresses Tumor Initiation Through Alteration of the Immunological Tumor Microenvironment. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
6	The kaposi sarcoma associated herpesvirus: a model for viral oncogenesis 2002 , 4, 118-133		
5	G-Protein-Coupled Receptors, Cell Transformation, and Signal Fidelity 2003 , 589-599		
4	A phase I dose-finding study of metformin in combination with concurrent cisplatin and radiation in patients with locally advanced head and neck squamous cell carcinoma.. <i>Journal of Clinical Oncology</i> , 2018 , 36, 6074-6074	2.2	
3	Crystal Structure of the C-terminal Guanine Exchange Factor Module of Trio Reveals its Oncogenic Potential. <i>FASEB Journal</i> , 2019 , 33, 668.1	0.9	
2	Targeting the PI3 K-mTOR Signaling Circuitry in HPV-Associated Oral Malignancies: Novel Precision Molecular Therapies 2015 , 153-169		
1	A phase I study of metformin in combination with cisplatin and radiation in locally advanced head and neck squamous cell carcinoma.. <i>Journal of Clinical Oncology</i> , 2016 , 34, TPS6109-TPS6109	2.2	