# Jorge Silvio Gutkind

List of Publications by Year
in descending order



| 549 | 56,089 | 668 122 | 1676 214 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 574 | 574 | 574 | 55322 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The small GTP-binding proteins Rac1 and Cdc42regulate the activity of the JNK/SAPK signaling pathway. Cell, 1995, 81, 1137-1146. | 28.9 | 1,668 |
| 2 | Suppression of ceramide-mediated programmed cell death by sphingosine-1-phosphate. Nature, 1996, 381, 800-803. | 27.8 | 1,443 |
| 3 | G-protein-coupled receptors and cancer. Nature Reviews Cancer, 2007, 7, 79-94. | 28.4 | 1,153 |
| 4 | Integrin function: molecular hierarchies of cytoskeletal and signaling molecules.. Journal of Cell Biology, 1995, 131, 791-805. | 5.2 | 1,140 |
| 5 | G-protein-coupled receptors and signaling networks: emerging paradigms. Trends in Pharmacological Sciences, 2001, 22, 368-376. | 8.7 | 933 |
| 6 | VEGF controls endothelial-cell permeability by promoting the Î²-arrestin-dependent endocytosis of VE-cadherin. Nature Cell Biology, 2006, 8, 1223-1234. | 10.3 | 884 |
| 7 | Prostaglandin E <sub>2</sub> Promotes Colon Cancer Cell Growth Through a G <sub>s</sub> -Axin-ÃŸ-Catenin Signaling Axis. Science, 2005, 310, 1504-1510. | 12.6 | 833 |
| 8 | G-protein-coupled receptor of Kaposi's sarcoma-associated herpesvirus is a viral oncogene and angiogenesis activator. Nature, 1998, 391, 86-89. | 27.8 | 821 |
| 9 | Ras-dependent activation of MAP kinase pathway mediated by G-protein Î²Î³ subunits. Nature, 1994, 369, 418-420. | 27.8 | 816 |
| 10 | Targeted Killing of Cancer Cells in Vivo and in Vitro with EGF-Directed Carbon Nanotube-Based Drug Delivery. ACS Nano, 2009, 3, 307-316. | 14.6 | 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.. Journal of Cell Biology, 1996, 135, 1633-1642. | 5.2 | 740 |
| 12 | Phosphotyrosine-dependent activation of Rac-1 GDP/GTP exchange by the vav proto-oncogene product. Nature, 1997, 385, 169-172. | 27.8 | 736 |
| 13 | The Pathways Connecting G Protein-coupled Receptors to the Nucleus through Divergent Mitogen-activated Protein Kinase Cascades. Journal of Biological Chemistry, 1998, 273, 1839-1842. | 3.4 | 721 |
| 14 | Augmented Wnt Signaling in a Mammalian Model of Accelerated Aging. Science, 2007, 317, 803-806. | 12.6 | 683 |
| 15 | Linkage of G Protein-Coupled Receptors to the MAPK Signaling Pathway Through PI 3-Kinase Â. Science, 1997, 275, 394-397. | 12.6 | 671 |
| 16 | Carbon Nanotube Amplification Strategies for Highly Sensitive Immunodetection of Cancer Biomarkers. Journal of the American Chemical Society, 2006, 128, 11199-11205. | 13.7 | 668 |
| 17 | G12-G13â€“LARGâ€“mediated signaling in vascular smooth muscle is required for salt-induced hypertension. Nature Medicine, 2008, 14, 64-68. | 30.7 | 584 |
| 18 | Cbl-b regulates the CD28 dependence of T-cell activation. Nature, 2000, 403, 216-220. | 27.8 | 576 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Ultrasensitive Immunosensor for Cancer Biomarker Proteins Using Gold Nanoparticle Film Electrodes and Multienzyme-Particle Amplification. ACS Nano, 2009, 3, 585-594. | 14.6 | 490 |
| 20 | Regulation of reactive-oxygen-species generation in fibroblasts by Rac 1. Biochemical Journal, 1996, 318, 379-382. | 3.7 | 483 |
| 21 | Hippo-Independent Activation of YAP by the GNAQ Uveal Melanoma Oncogene through a Trio-Regulated Rho GTPase Signaling Circuitry. Cancer Cell, 2014, 25, 831-845. | 16.8 | 471 |
| 22 | Measurement of biomarker proteins for point-of-care early detection and monitoring of cancer. Analyst, The, 2010, 135, 2496. | 3.5 | 469 |
| 23 | The emerging mutational landscape of G proteins and G-protein-coupled receptors in cancer. Nature Reviews Cancer, 2013, 13, 412-424. | 28.4 | 462 |
| 24 | Illuminating G-Protein-Coupling Selectivity of GPCRs. Cell, 2019, 177, 1933-1947.e25. | 28.9 | 387 |
| 25 | MAP kinases and the control of nuclear events. Oncogene, 2007, 26, 3240-3253. | 5.9 | 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. Cancer Research, 2000, 60, 4873-80. | 0.9 | 368 |
| 27 | A Novel PDZ Domain Containing Guanine Nucleotide Exchange Factor Links Heterotrimeric G Proteins to Rho. Journal of Biological Chemistry, 1999, 274, 5868-5879. | 3.4 | 356 |
| 28 | mTOR Mediates Wnt-Induced Epidermal Stem Cell Exhaustion and Aging. Cell Stem Cell, 2009, 5, 279-289. | 11.1 | 356 |
| 29 | Angiopoietin-1 Prevents VEGF-Induced Endothelial Permeability by Sequestering Src through mDia. Developmental Cell, 2008, 14, 25-36. | 7.0 | 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. Cancer Cell, 2003, 3, 23-36. | 16.8 | 339 |
| 31 | CXCL8/IL8 Stimulates Vascular Endothelial Growth Factor (VEGF) Expression and the Autocrine Activation of VEGFR2 in Endothelial Cells by Activating NFÎºB through the CBM (Carma3/Bcl10/Malt1) Complex. Journal of Biological Chemistry, 2009, 284, 6038-6042. | 3.4 | 338 |
| 32 | Ultrasensitive Electrochemical Immunosensor for Oral Cancer Biomarker IL-6 Using Carbon Nanotube Forest Electrodes and Multilabel Amplification. Analytical Chemistry, 2010, 82, 3118-3123. | 6.5 | 336 |
| 33 | Induction of ovarian cancer by defined multiple genetic changes in a mouse model system. Cancer Cell, 2002, 1, 53-62. | 16.8 | 330 |
| 34 | Proteomic profiling of the cancer microenvironment by antibody arrays. Proteomics, 2001, 1, 1271-1278. | 2.2 | 323 |
| 35 | Dysregulated molecular networks in head and neck carcinogenesis. Oral Oncology, 2009, 45, 324-334. | 1.5 | 317 |
| 36 | EPS8 and E3B1 transduce signals from Ras to Rac. Nature, 1999, 401, 290-293. | 27.8 | 312 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Signaling from E-cadherins to the MAPK Pathway by the Recruitment and Activation of Epidermal Growth Factor Receptors upon Cell-Cell Contact Formation. Journal of Biological Chemistry, 2000, 275, 41227-41233. | 3.4 | 308 |
| 38 | Activation of Akt/Protein Kinase B by G Protein-coupled Receptors. Journal of Biological Chemistry, 1998, 273, 19080-19085. | 3.4 | 303 |
| 39 | The Mood Stabilizer Valproic Acid Activates Mitogen-activated Protein Kinases and Promotes Neurite Growth. Journal of Biological Chemistry, 2001, 276, 31674-31683. | 3.4 | 300 |
| 40 | Signaling from the Small GTP-binding Proteins Rac1 and Cdc42 to the c-Jun N-terminal Kinase/Stress-activated Protein Kinase Pathway. Journal of Biological Chemistry, 1996, 271, 27225-27228. | 3.4 | 299 |
| 41 | Muscarinic acetylcholine receptor subtypes as agonist-dependent oncogenes.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 4703-4707. | 7.1 | 290 |
| 42 | Parasympathetic Innervation Maintains Epithelial Progenitor Cells During Salivary Organogenesis. Science, 2010, 329, 1645-1647. | 12.6 | 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. Oncogene, 2000, 19, 3220-3224. | 5.9 | 275 |
| 44 | Novel insights into G protein and G protein-coupled receptor signaling in cancer. Current Opinion in Cell Biology, 2014, 27, 126-135. | 5.4 | 252 |
| 45 | Cell growth control by G protein-coupled receptors: from signal transduction to signal integration. Oncogene, 1998, 17, 1331-1342. | 5.9 | 248 |
| 46 | mTOR Inhibition Prevents Epithelial Stem Cell Senescence and Protects from Radiation-Induced Mucositis. Cell Stem Cell, 2012, 11, 401-414. | 11.1 | 246 |
| 47 | Tyrosine phosphorylation coupled to IgE receptor-mediated signal transduction and histamine release.. Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 5327-5330. | 7.1 | 242 |
| 48 | Activation of the Protein Kinase Akt/PKB by the Formation of E-cadherin-mediated Cell-Cell Junctions. Journal of Biological Chemistry, 1999, 274, 19347-19351. | 3.4 | 240 |
| 49 | Regulation of the Transcriptional Activity of c-Fos by ERK. Journal of Biological Chemistry, 2005, 280, 35081-35084. | 3.4 | 239 |
| 50 | Signaling from G Protein-coupled Receptors to c-Jun Kinase Involves Î²Î³ Subunits of Heterotrimeric G Proteins Acting on a Ras and Rac1-dependent Pathway. Journal of Biological Chemistry, 1996, 271, 3963-3966. | 3.4 | 233 |
| 51 | Deregulated matriptase causes ras-independent multistage carcinogenesis and promotes ras-mediated malignant transformation. Genes and Development, 2005, 19, 1934-1950. | 5.9 | 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. Cancer Research, 2003, 63, 2948-56. | 0.9 | 223 |
| 53 | Dissecting the Akt/Mammalian Target of Rapamycin Signaling Network: Emerging Results from the Head and Neck Cancer Tissue Array Initiative. Clinical Cancer Research, 2007, 13, 4964-4973. | 7.0 | 218 |
| 54 | TMPRSS2-ERG fusion, a common genomic alteration in prostate cancer activates C-MYC and abrogates prostate epithelial differentiation. Oncogene, 2008, 27, 5348-5353. | 5.9 | 218 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Dual Effect of Î²-Adrenergic Receptors on Mitogen-activated Protein Kinase. Journal of Biological Chemistry, 1995, 270, 25259-25265. | 3.4 | 214 |
| 56 | Class IV Semaphorins Promote Angiogenesis by Stimulating Rho-Initiated Pathways through Plexin-B. Cancer Research, 2004, 64, 5212-5224. | 0.9 | 214 |
| 57 | RGS-containing RhoGEFs: the missing link between transforming G proteins and Rho?. Oncogene, 2001, 20, 1661-1668. | 5.9 | 212 |
| 58 | Mammalian Target of Rapamycin, a Molecular Target in Squamous Cell Carcinomas of the Head and Neck. Cancer Research, 2005, 65, 9953-9961. | 0.9 | 212 |
| 59 | A role for the p38 mitogen-acitvated protein kinase pathway in the transcriptional activation of p53 on genotoxic stress by chemotherapeutic agents. Cancer Research, 2000, 60, 2464-72. | 0.9 | 210 |
| 60 | Microfluidic electrochemical immunoarray for ultrasensitive detection of two cancer biomarker proteins in serum. Biosensors and Bioelectronics, 2011, 26, 4477-4483. | 10.1 | 209 |
| 61 | The small GTP-binding protein Rho links G protein-coupled receptors and GÎ± <sub>12</sub> to the serum response element and to cellularâ€‰transformation. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 10098-10103. | 7.1 | 208 |
| 62 | Leukemia-associated Rho guanine nucleotide exchange factor (LARG) links heterotrimeric G proteins of the G12family to Rho. FEBS Letters, 2000, 485, 183-188. | 2.8 | 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. Molecular and Cellular Biology, 1999, 19, 4289-4301. | 2.3 | 204 |
| 64 | Transforming G Protein-coupled Receptors Potently Activate JNK (SAPK). Journal of Biological Chemistry, 1995, 270, 5620-5624. | 3.4 | 202 |
| 65 | Flavopiridol, a novel cyclin-dependent kinase inhibitor, suppresses the growth of head and neck squamous cell carcinomas by inducing apoptosis.. Journal of Clinical Investigation, 1998, 102, 1674-1681. | 8.2 | 200 |
| 66 | Plexin B Regulates Rho through the Guanine Nucleotide Exchange Factors Leukemia-associated Rho GEF (LARG) and PDZ-RhoGEF. Journal of Biological Chemistry, 2002, 277, 43115-43120. | 3.4 | 196 |
| 67 | Identification of the Rac-GEF P-Rex1 as an Essential Mediator of ErbB Signaling in Breast Cancer. Molecular Cell, 2010, 40, 877-892. | 9.7 | 194 |
| 68 | An essential role for Rac1 in endothelial cell function and vascular development. FASEB Journal, 2008, 22, 1829-1838. | 0.5 | 193 |
| 69 | Semaphorin 4D provides a link between axon guidance processes and tumor-induced angiogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 9017-9022. | 7.1 | 190 |
| 70 | Binding-Induced Folding of a Natively Unstructured Transcription Factor. PLoS Computational Biology, 2008, 4, e1000060. | 3.2 | 189 |
| 71 | Multiple Mitogen-Activated Protein Kinase Signaling Pathways Connect the Cot Oncoprotein to the c-jun Promoter and to Cellular Transformation. Molecular and Cellular Biology, 2000, 20, 1747-1758. | 2.3 | 188 |
| 72 | Ultrasensitive Detection of Cancer Biomarkers in the Clinic by Use of a Nanostructured Microfluidic Array. Analytical Chemistry, 2012, 84, 6249-6255. | 6.5 | 187 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | Regulation of Mitogen-Activated Protein Kinase Signaling Networks by G Protein-Coupled Receptors. Science Signaling, 2000, 2000, re1-re1. | 3.6 | 185 |
| 74 | The Small GTP-Binding Protein RhoA Regulates c-Jun by a ROCK-JNK Signaling Axis. Molecular Cell, 2004, 14, 29-41. | 9.7 | 182 |
| 75 | The TSC2/mTOR pathway drives endothelial cell transformation induced by the Kaposi's sarcoma-associated herpesvirus G protein-coupled receptor. Cancer Cell, 2006, 10, 133-143. | 16.8 | 180 |
| 76 | A Novel Role for Phosphatidylinositol 3-Kinase Î² in Signaling from G Protein-coupled Receptors to Akt. Journal of Biological Chemistry, 2000, 275, 12069-12073. | 3.4 | 179 |
| 77 | Proteomic Analysis of Laser-Captured Paraffin-Embedded Tissues: A Molecular Portrait of Head and Neck Cancer Progression. Clinical Cancer Research, 2008, 14, 1002-1014. | 7.0 | 179 |
| 78 | The head and neck cancer cell oncogenome: a platform for the development of precision molecular therapies. Oncotarget, 2014, 5, 8906-8923. | 1.8 | 176 |
| 79 | Phosphorylation of c-Fos by Members of the p38 MAPK Family. Journal of Biological Chemistry, 2005, 280, 18842-18852. | 3.4 | 174 |
| 80 | Common elements in interleukin 4 and insulin signaling pathways in factor-dependent hematopoietic cells.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 4032-4036. | 7.1 | 172 |
| 81 | A mutant alpha subunit of G12 potentiates the eicosanoid pathway and is highly oncogenic in NIH 3T3 cells.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 6741-6745. | 7.1 | 172 |
| 82 | A Platform of Synthetic Lethal Gene Interaction Networks Reveals that the GNAQ Uveal Melanoma Oncogene Controls the Hippo Pathway through FAK. Cancer Cell, 2019, 35, 457-472.e5. | 16.8 | 169 |
| 83 | Transcriptional signature primes human oral mucosa for rapid wound healing. Science Translational Medicine, 2018, 10, . | 12.4 | 167 |
| 84 | Functional roles of Akt signaling in mouse skin tumorigenesis. Oncogene, 2002, 21, 53-64. | 5.9 | 164 |
| 85 | Persistent Activation of the Akt Pathway in Head and Neck Squamous Cell Carcinoma. Clinical Cancer Research, 2004, 10, 4029-4037. | 7.0 | 163 |
| 86 | Viral hijacking of G-protein-coupled-receptor signalling networks. Nature Reviews Molecular Cell Biology, 2004, 5, 998-1012. | 37.0 | 159 |
| 87 | mTOR as a Molecular Target in HPV-Associated Oral and Cervical Squamous Carcinomas. Clinical Cancer Research, 2012, 18, 2558-2568. | 7.0 | 159 |
| 88 | Calibration of 125I-polymer standards with 125I-brain paste standards for use in quantitative receptor autoradiography. Journal of Neuroscience Methods, 1989, 30, 247-253. | 2.5 | 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. Genes and Development, 2002, 16, 388-398. | 5.9 | 158 |
| 90 | Human tumor-associated viruses and new insights into the molecular mechanisms of cancer. Oncogene, 2008, 27, S31-S42. | 5.9 | 158 |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | Accelerated Wound Healing by mTOR Activation in Genetically Defined Mouse Models. PLoS ONE, 2010, 5, e10643. | 2.5 | 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. | 3.4 | 157 |
| 93 | MAPK and Akt Act Cooperatively but Independently on Hypoxia Inducible Factor-1Î± in rasV12 Upregulation of VEGF. Biochemical and Biophysical Research Communications, 2001, 287, 292-300. | 2.1 | 157 |
| 94 | Regulation of gene expression by the small GTPase Rho through the ERK6 (p38gamma) MAP kinase pathway. Genes and Development, 2001, 15, 535-553. | 5.9 | 157 |
| 95 | Pharmacologic Stem Cell Based Intervention as a New Approach to Osteoporosis Treatment in Rodents. PLoS ONE, 2008, 3, e2615. | 2.5 | 155 |
| 96 | Genetic evidence that Î² <sub>2</sub> -adrenergic receptor signaling to ERK. Science Signaling, 2017, 10, . | 3.6 | 155 |
| 97 | MT1-MMP Controls Tumor-induced Angiogenesis through the Release of Semaphorin 4D. Journal of Biological Chemistry, 2007, 282, 6899-6905. | 3.4 | 154 |
| 98 | Nanostructured Immunosensor for Attomolar Detection of Cancer Biomarker Interleukinâ€8 Using Massively Labeled Superparamagnetic Particles. Angewandte Chemie - International Edition, 2011, 50, 7915-7918. | 13.8 | 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. | 7.1 | 152 |
| 100 | Distribution and clearance of PEG-single-walled carbon nanotube cancer drug delivery vehicles in mice. Nanomedicine, 2010, 5, 1535-1546. | 3.3 | 151 |
| 101 | Molecular Cross-Talk between the NFÎºB and STAT3 Signaling Pathways in Head and Neck Squamous Cell Carcinoma. Neoplasia, 2006, 8, 733-746. | 5.3 | 150 |
| 102 | Potent Activation of RhoA by GÎ±q and Gq-coupled Receptors. Journal of Biological Chemistry, 2002, 277, 27130-27134. | 3.4 | 149 |
| 103 | Rac1 Function Is Required for Src-induced Transformation. Journal of Biological Chemistry, 2003, 278, 34339-34346. | 3.4 | 149 |
| 104 | P-Rex1 Links Mammalian Target of Rapamycin Signaling to Rac Activation and Cell Migration. Journal of Biological Chemistry, 2007, 282, 23708-23715. | 3.4 | 148 |
| 105 | Loss of TGF-Î² signaling and PTEN promotes head and neck squamous cell carcinoma through cellular senescence evasion and cancer-related inflammation. Oncogene, 2012, 31, 3322-3332. | 5.9 | 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. | 7.1 | 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. | 3.4 | 145 |
| 108 | Rac1 and RhoG promote cell survival by the activation of PI3K and Akt, independently of their ability to stimulate JNK and NF-ÎºB. Oncogene, 2002, 21, 207-216. | 5.9 | 145 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | Single-Wall Carbon Nanotube Forest Arrays for Immunoelectrochemical Measurement of Four Protein Biomarkers for Prostate Cancer. Analytical Chemistry, 2009, 81, 9129-9134. | 6.5 | 145 |
| 110 | Modulation of canonical Wnt signaling by the extracellular matrix component biglycan. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 17022-17027. | 7.1 | 144 |
| 111 | Control of the differentiation of regulatory T cells and TH17 cells by the DNA-binding inhibitor Id3. Nature Immunology, 2011, 12, 86-95. | 14.5 | 143 |
| 112 | Receptor Tyrosine Kinases Activate Canonical WNT/Î²-Catenin Signaling via MAP Kinase/LRP6 Pathway and Direct Î²-Catenin Phosphorylation. PLoS ONE, 2012, 7, e35826. | 2.5 | 142 |
| 113 | Semaphorin 3E Initiates Antiangiogenic Signaling through Plexin D1 by Regulating Arf6 and R-Ras. Molecular and Cellular Biology, 2010, 30, 3086-3098. | 2.3 | 141 |
| 114 | RhoA and ROCK mediate histamine-induced vascular leakage and anaphylactic shock. Nature Communications, 2015, 6, 6725. | 12.8 | 141 |
| 115 | Decreased Lymphangiogenesis and Lymph Node Metastasis by mTOR Inhibition in Head and Neck Cancer. Cancer Research, 2011, 71, 7103-7112. | 0.9 | 138 |
| 116 | Semaphorin 4D/Plexin-B1 Induces Endothelial Cell Migration through the Activation of PYK2, Src, and the Phosphatidylinositol 3-Kinase-Akt Pathway. Molecular and Cellular Biology, 2005, 25, 6889-6898. | 2.3 | 134 |
| 117 | Semaphorin signaling in angiogenesis, lymphangiogenesis and cancer. Cell Research, 2012, 22, 23-32. | 12.0 | 134 |
| 118 | Inactivation of a GÎ±sâ€“PKA tumour suppressor pathway in skin stem cells initiates basal-cell carcinogenesis. Nature Cell Biology, 2015, 17, 793-803. | 10.3 | 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. Molecular and Cellular Biology, 2003, 23, 7030-7043. | 2.3 | 133 |
| 120 | A Genome-wide RNAi Screen Reveals a Trio-Regulated Rho GTPase Circuitry Transducing Mitogenic Signals Initiated by G Protein-Coupled Receptors. Molecular Cell, 2013, 49, 94-108. | 9.7 | 131 |
| 121 | Illuminating the Onco-GPCRome: Novel G proteinâ€“coupled receptor-driven oncocrine networks and targets for cancer immunotherapy. Journal of Biological Chemistry, 2019, 294, 11062-11086. | 3.4 | 129 |
| 122 | Regulation of c-myc expression by PDGF through Rho GTPases. Nature Cell Biology, 2001, 3, 580-586. | 10.3 | 128 |
| 123 | Conditional Expression of K-ras in an Epithelial Compartment that Includes the Stem Cells Is Sufficient to Promote Squamous Cell Carcinogenesis. Cancer Research, 2004, 64, 8804-8807. | 0.9 | 127 |
| 124 | The GÎ±13-Rho Signaling Axis Is Required for SDF-1-induced Migration through CXCR4. Journal of Biological Chemistry, 2006, 281, 39542-39549. | 3.4 | 126 |
| 125 | A Synthetic Biology Approach Reveals a CXCR4-G <sub>13</sub> -Rho Signaling Axis Driving Transendothelial Migration of Metastatic Breast Cancer Cells. Science Signaling, 2011, 4, ra60. | 3.6 | 126 |
| 126 | Interaction Landscape of Inherited Polymorphisms with Somatic Events in Cancer. Cancer Discovery, 2017, 7, 410-423. | 9.4 | 121 |

| # | Article | IF | Citations |
|---|---|---|---|
| 127 | Targeting Mammalian Target of Rapamycin by Rapamycin Prevents Tumor Progression in an Oral-Specific Chemical Carcinogenesis Model. Cancer Prevention Research, 2009, 2, 27-36. | 1.5 | 120 |
| 128 | Loss of PTEN expression leading to high Akt activation in human multiple myelomas. Blood, 2000, 96, 3560-3568. | 1.4 | 119 |
| 129 | Assembly and activation of the Hippo signalome by FAT1 tumor suppressor. Nature Communications, 2018, 9, 2372. | 12.8 | 119 |
| 130 | Increased concentration of angiotensin II binding sites in selected brain areas of spontaneously hypertensive rats. Journal of Hypertension, 1988, 6, 79. | 0.5 | 118 |
| 131 | Activating and inactivating mutations of the alpha subunit of Gi2 protein have opposite effects on proliferation of NIH 3T3 cells.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 10455-10459. | 7.1 | 118 |
| 132 | Metformin Prevents the Development of Oral Squamous Cell Carcinomas from Carcinogen-Induced Premalignant Lesions. Cancer Prevention Research, 2012, 5, 562-573. | 1.5 | 118 |
| 133 | B Cells Improve Overall Survival in HPV-Associated Squamous Cell Carcinomas and Are Activated by Radiation and PD-1 Blockade. Clinical Cancer Research, 2020, 26, 3345-3359. | 7.0 | 117 |
| 134 | Importance of the MKK6/p38 pathway for interleukin-12â€“induced STAT4 serine phosphorylation and transcriptional activity. Blood, 2000, 96, 1844-1852. | 1.4 | 116 |
| 135 | Assembly and patterning of the vascular network of the vertebrate hindbrain. Development (Cambridge), 2011, 138, 1705-1715. | 2.5 | 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. Oncogene, 1998, 16, 2435-2445. | 5.9 | 112 |
| 137 | Role for EPS8 in squamous carcinogenesis. Carcinogenesis, 2009, 30, 165-174. | 2.8 | 111 |
| 138 | PTEN Deficiency Contributes to the Development and Progression of Head and Neck Cancer. Neoplasia, 2013, 15, 461-471. | 5.3 | 111 |
| 139 | Erlotinib and the Risk of Oral Cancer. JAMA Oncology, 2016, 2, 209. | 7.1 | 111 |
| 140 | mTOR Co-Targeting in Cetuximab Resistance in Head and Neck Cancers Harboring PIK3CA and RAS Mutations. Journal of the National Cancer Institute, 2014, 106, . | 6.3 | 109 |
| 141 | A Human Suppressor of c-Jun N-terminal Kinase 1 Activation by Tumor Necrosis Factor Î±. Journal of Biological Chemistry, 1997, 272, 25816-25823. | 3.4 | 108 |
| 142 | LAG-3 confers poor prognosis and its blockade reshapes antitumor response in head and neck squamous cell carcinoma. OncoImmunology, 2016, 5, e1239005. | 4.6 | 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. Oncogene, 2004, 23, 233-240. | 5.9 | 107 |
| 144 | Tyrosine Phosphorylation of the vav Proto-oncogene Product Links FcÎµRI to the Rac1-JNK Pathway. Journal of Biological Chemistry, 1997, 272, 10751-10755. | 3.4 | 106 |

| # | Article | IF | Citations |
|---|---|---|---|
| 145 | Electrochemical immunosensors for interleukin-6. Comparison of carbon nanotube forest and gold nanoparticle platforms. Electrochemistry Communications, 2009, 11, 1009-1012. | 4.7 | 106 |
| 146 | Chemopreventive and Chemotherapeutic Actions of mTOR Inhibitor in Genetically Defined Head and Neck Squamous Cell Carcinoma Mouse Model. Clinical Cancer Research, 2012, 18, 5304-5313. | 7.0 | 106 |
| 147 | Regulation of p73 by c-Abl through the p38 MAP kinase pathway. Oncogene, 2002, 21, 974-979. | 5.9 | 105 |
| 148 | Epidermal growth factor receptor is a co-receptor for adeno-associated virus serotype 6. Nature Medicine, 2010, 16, 662-664. | 30.7 | 105 |
| 149 | Plexin-B1 Utilizes RhoA and Rho Kinase to Promote the Integrin-dependent Activation of Akt and ERK and Endothelial Cell Motility. Journal of Biological Chemistry, 2007, 282, 34888-34895. | 3.4 | 104 |
| 150 | Exploiting the Head and Neck Cancer Oncogenome: Widespread PI3K-mTOR Pathway Alterations and Novel Molecular Targets. Cancer Discovery, 2013, 3, 722-725. | 9.4 | 104 |
| 151 | p21-Activated Kinase 1 Is Required for Efficient Tumor Formation and Progression in a Ras-Mediated Skin Cancer Model. Cancer Research, 2012, 72, 5966-5975. | 0.9 | 102 |
| 152 | A role for p38 MAPK in head and neck cancer cell growth and tumorâ€induced angiogenesis and lymphangiogenesis. Molecular Oncology, 2014, 8, 105-118. | 4.6 | 102 |
| 153 | Mitogen-Activated Protein Kinases Promote WNT/Î²-Catenin Signaling via Phosphorylation of LRP6. Molecular and Cellular Biology, 2011, 31, 179-189. | 2.3 | 99 |
| 154 | Potent Transforming Activity of the G13 Î± Subunit Defines a Novel Family of Oncogenes. Biochemical and Biophysical Research Communications, 1994, 201, 603-609. | 2.1 | 98 |
| 155 | Persistent activation of Rac1 in squamous carcinomas of the head and neck: evidence for an EGFR/Vav2 signaling axis involved in cell invasion. Carcinogenesis, 2007, 28, 1145-1152. | 2.8 | 98 |
| 156 | c-Met-induced epithelial carcinogenesis is initiated by the serine protease matriptase. Oncogene, 2011, 30, 2003-2016. | 5.9 | 98 |
| 157 | Signals and Receptors. Cold Spring Harbor Perspectives in Biology, 2016, 8, a005900. | 5.5 | 98 |
| 158 | Syngeneic animal models of tobacco-associated oral cancer reveal the activity of in situ anti-CTLA-4. Nature Communications, 2019, 10, 5546. | 12.8 | 98 |
| 159 | VE-cadherin and claudin-5: it takes two to tango. Nature Cell Biology, 2008, 10, 883-885. | 10.3 | 97 |
| 160 | The Kaposi's Sarcomaâ€"Associated Herpesvirus G Proteinâ€"Coupled Receptor as a Therapeutic Target for the Treatment of Kaposi's Sarcoma. Cancer Research, 2006, 66, 168-174. | 0.9 | 96 |
| 161 | The small GTPase Rac1 links the Kaposi sarcomaâ€"associated herpesvirus vGPCR to cytokine secretion and paracrine neoplasia. Blood, 2004, 104, 2903-2911. | 1.4 | 95 |
| 162 | PD-1 blockade attenuates immunosuppressive myeloid cells due to inhibition of CD47/SIRPÎ± axis in HPV negative head and neck squamous cell carcinoma. Oncotarget, 2015, 6, 42067-42080. | 1.8 | 95 |

| # | Article | IF | Citations |
|---|---|---|---|
| 163 | Translocation of the FGR protein-tyrosine kinase as a consequence of neutrophil activation.. Proceedings of the National Academy of Sciences of the United States of America, 1989, 86, 8783-8787. | 7.1 | 93 |
| 164 | PTEN, but not SHIP and SHIP2, suppresses the PI3K/Akt pathway and induces growth inhibition and apoptosis of myeloma cells. Oncogene, 2002, 21, 5289-5300. | 5.9 | 93 |
| 165 | Chemoprevention and Treatment of Experimental Cowden's Disease by mTOR Inhibition with Rapamycin. Cancer Research, 2008, 68, 7066-7072. | 0.9 | 92 |
| 166 | Progressive Tumor Formation in Mice with Conditional Deletion of TGF-Î² Signaling in Head and Neck Epithelia Is Associated with Activation of the PI3K/Akt Pathway. Cancer Research, 2009, 69, 5918-5926. | 0.9 | 92 |
| 167 | Rac1 Is Required for Epithelial Stem Cell Function during Dermal and Oral Mucosal Wound Healing but Not for Tissue Homeostasis in Mice. PLoS ONE, 2010, 5, e10503. | 2.5 | 92 |
| 168 | Snail Up-regulates Proinflammatory Mediators and Inhibits Differentiation in Oral Keratinocytes. Cancer Research, 2008, 68, 4525-4530. | 0.9 | 91 |
| 169 | Down-regulation of CXCL5 Inhibits Squamous Carcinogenesis. Cancer Research, 2006, 66, 4279-4284. | 0.9 | 89 |
| 170 | Cbl-b, a member of the Sli-1/c-Cbl protein family, inhibits Vav-mediated c-Jun N-terminal kinase activation. Oncogene, 1997, 15, 2511-2520. | 5.9 | 87 |
| 171 | Global Gene Expression Profile of Nasopharyngeal Carcinoma by Laser Capture Microdissection and Complementary DNA Microarrays. Clinical Cancer Research, 2004, 10, 4944-4958. | 7.0 | 87 |
| 172 | Hypoxia-Induced Energy Stress Inhibits the mTOR Pathway by Activating an AMPK/REDD1 Signaling Axis in Head and Neck Squamous Cell Carcinoma. Neoplasia, 2008, 10, 1295-1302. | 5.3 | 87 |
| 173 | Keratin down-regulation in vimentin-positive cancer cells is reversible by vimentin RNA interference, which inhibits growth and motility. Molecular Cancer Therapeutics, 2008, 7, 2894-2903. | 4.1 | 87 |
| 174 | Gastrin Stimulates Cyclooxygenase-2 Expression in Intestinal Epithelial Cells through Multiple Signaling Pathways. Journal of Biological Chemistry, 2002, 277, 48755-48763. | 3.4 | 86 |
| 175 | Selective Activation of Effector Pathways by Brain-specific G Protein Î²5. Journal of Biological Chemistry, 1996, 271, 33575-33579. | 3.4 | 85 |
| 176 | Combination Chemotherapy and Radiation of Human Squamous Cell Carcinoma of the Head and Neck Augments CTL-Mediated Lysis. Clinical Cancer Research, 2006, 12, 1897-1905. | 7.0 | 85 |
| 177 | Immune Modulation of Head and Neck Squamous Cell Carcinoma and the Tumor Microenvironment by Conventional Therapeutics. Clinical Cancer Research, 2019, 25, 4211-4223. | 7.0 | 85 |
| 178 | The p53 tumor suppressor targets a novel regulator of G protein signaling. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 7868-7872. | 7.1 | 84 |
| 179 | Phosphoinositide 3-Kinase Î³ Is a Mediator of GÎ²Î³-dependent Jun Kinase Activation. Journal of Biological Chemistry, 1998, 273, 2505-2508. | 3.4 | 84 |
| 180 | P-REX2, a novel PI-3-kinase sensitive Rac exchange factor. FEBS Letters, 2004, 572, 167-171. | 2.8 | 84 |

| # | Article | IF | Citations |
|---|---|---|---|
| 181 | Direct targeting of GÎ± <sub>q</sub> and GÎ± <sub>11</sub> oncoproteins in cancer cells. Science Signaling, 2019, 12, . | 3.6 | 84 |
| 182 | Thrombin Protease-activated Receptor-1 Signals through Gq- and G13-initiated MAPK Cascades Regulating c-Jun Expression to Induce Cell Transformation. Journal of Biological Chemistry, 2003, 278, 46814-46825. | 3.4 | 83 |
| 183 | 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. Journal of Biological Chemistry, 1998, 273, 16643-16646. | 3.4 | 82 |
| 184 | Signaling from G Protein-coupled Receptors to ERK5/Big MAPK 1 Involves GÎ±q and GÎ±12/13 Families of Heterotrimeric G Proteins. Journal of Biological Chemistry, 2000, 275, 21730-21736. | 3.4 | 82 |
| 185 | Autocrine activation of an osteopontin-CD44-Rac pathway enhances invasion and transformation by H-RasV12. Oncogene, 2005, 24, 489-501. | 5.9 | 82 |
| 186 | The Î²-Catenin Axis Integrates Multiple Signals Downstream from RET/Papillary Thyroid Carcinoma Leading to Cell Proliferation. Cancer Research, 2009, 69, 1867-1876. | 0.9 | 82 |
| 187 | G Proteinâ€Coupled receptors and heterotrimeric G proteins as cancer drivers. FEBS Letters, 2020, 594, 4201-4232. | 2.8 | 82 |
| 188 | Cyclooxygenase-2 and Colorectal Cancer Chemoprevention: The Î²-Catenin Connection: Figure 1.. Cancer Research, 2006, 66, 11085-11088. | 0.9 | 81 |
| 189 | Complementary Roles of Intracellular and Pericellular Collagen Degradation Pathways In Vivo. Molecular and Cellular Biology, 2007, 27, 6309-6322. | 2.3 | 81 |
| 190 | Biology of advanced uveal melanoma and next steps for clinical therapeutics. Pigment Cell and Melanoma Research, 2015, 28, 135-147. | 3.3 | 81 |
| 191 | Protein Kinase C-related Kinase and ROCK Are Required for Thrombin-induced Endothelial Cell Permeability Downstream from GÎ±12/13 and GÎ±11/q. Journal of Biological Chemistry, 2008, 283, 29888-29896. | 3.4 | 80 |
| 192 | Rapamycin Prevents Early Onset of Tumorigenesis in an Oral-Specific K-ras and p53 Two-Hit Carcinogenesis Model. Cancer Research, 2009, 69, 4159-4166. | 0.9 | 79 |
| 193 | Chemical Carcinogenesis Models for Evaluating Molecular-Targeted Prevention and Treatment of Oral Cancer. Cancer Prevention Research, 2009, 2, 419-422. | 1.5 | 79 |
| 194 | Characterization of Brx, a novel Dbl family member that modulates estrogen receptor action. Oncogene, 1998, 16, 2513-2526. | 5.9 | 78 |
| 195 | Exploiting <scp>PI</scp>3<scp>K</scp>/m<scp>TOR</scp> signaling to accelerate epithelial wound healing. Oral Diseases, 2013, 19, 551-558. | 3.0 | 78 |
| 196 | Divergent Signaling Pathways Link Focal Adhesion Kinase to Mitogen-activated Protein Kinase Cascades. Journal of Biological Chemistry, 1999, 274, 30738-30746. | 3.4 | 77 |
| 197 | Global gene expression profiles of human head and neck squamous carcinoma cell lines. International Journal of Cancer, 2004, 112, 249-258. | 5.1 | 77 |
| 198 | Unraveling the oral cancer lncRNAome: Identification of novel lncRNAs associated with malignant progression and HPV infection. Oral Oncology, 2016, 59, 58-66. | 1.5 | 77 |

| # | Article | IF | Citations |
|---|---|---|---|
| 199 | Estrogen Receptor Alpha Mediates Progestin-Induced Mammary Tumor Growth by Interacting with Progesterone Receptors at the Cyclin D1/MYC Promoters. Cancer Research, 2012, 72, 2416-2427. | 0.9 | 76 |
| 200 | NOTCH1 inhibition enhances the efficacy of conventional chemotherapeutic agents by targeting head neck cancer stem cell. Scientific Reports, 2016, 6, 24704. | 3.3 | 76 |
| 201 | New Approaches To the Understanding of the Molecular Basis of Oral Cancer. Critical Reviews in Oral Biology and Medicine, 2001, 12, 55-63. | 4.4 | 75 |
| 202 | Voltage-gated Na+ Channel Activity Increases Colon Cancer Transcriptional Activity and Invasion Via Persistent MAPK Signaling. Scientific Reports, 2015, 5, 11541. | 3.3 | 75 |
| 203 | Insulin-like Growth Factor-I Inhibits the Stress-activated Protein Kinase/c-Jun N-terminal Kinase. Journal of Biological Chemistry, 1998, 273, 25961-25966. | 3.4 | 74 |
| 204 | Proteome-wide analysis of head and neck squamous cell carcinomas using laser-capture microdissection and tandem mass spectrometry. Oral Oncology, 2005, 41, 183-199. | 1.5 | 74 |
| 205 | A role for COX2-derived PGE2 and PGE2-receptor subtypes in head and neck squamous carcinoma cell proliferation. Oral Oncology, 2010, 46, 880-887. | 1.5 | 74 |
| 206 | Interaction between FGFR-2, STAT5, and Progesterone Receptors in Breast Cancer. Cancer Research, 2011, 71, 3720-3731. | 0.9 | 74 |
| 207 | Engineered Mesenchymal Stem Cells with Enhanced Tropism and Paracrine Secretion of Cytokines and Growth Factors to Treat Traumatic Brain Injury. Stem Cells, 2015, 33, 456-467. | 3.2 | 74 |
| 208 | Tyrosine Kinases of the Src Family Participate in Signaling to MAP Kinase from both Gqand Gi-Coupled Receptors. Biochemical and Biophysical Research Communications, 1998, 244, 5-10. | 2.1 | 73 |
| 209 | Structure of the RGS-like Domain from PDZ-RhoGEF. Structure, 2001, 9, 559-569. | 3.3 | 73 |
| 210 | Robo4 Signaling in Endothelial Cells Implies Attraction Guidance Mechanisms. Journal of Biological Chemistry, 2006, 281, 11347-11356. | 3.4 | 73 |
| 211 | Expression of heme oxygenase-1 in non-small cell lung cancer (NSCLC) and its correlation with clinical data. Lung Cancer, 2012, 77, 168-175. | 2.0 | 73 |
| 212 | Preventive and therapeutic effects of Smad7 on radiation-induced oral mucositis. Nature Medicine, 2013, 19, 421-428. | 30.7 | 73 |
| 213 | Human JIK, a Novel Member of the STE20 Kinase Family That Inhibits JNK and Is Negatively Regulated by Epidermal Growth Factor. Journal of Biological Chemistry, 1999, 274, 33287-33295. | 3.4 | 72 |
| 214 | Matrix Metalloproteinase-activated Anthrax Lethal Toxin Demonstrates High Potency in Targeting Tumor Vasculature. Journal of Biological Chemistry, 2008, 283, 529-540. | 3.4 | 72 |
| 215 | Nuclear localization of heme oxygenase-1 is associated with tumor progression of head and neck squamous cell carcinomas. Experimental and Molecular Pathology, 2012, 93, 237-245. | 2.1 | 72 |
| 216 | Tipifarnib as a Precision Therapy for HRAS-Mutant Head and Neck Squamous Cell Carcinomas. Molecular Cancer Therapeutics, 2020, 19, 1784-1796. | 4.1 | 72 |

| # | Article | IF | Citations |
|---|---|---|---|
| 217 | Structural Studies on the PH Domains of Dbl, Sos1, IRS-1, and .beta.ARK1 and Their Differential Binding to G.beta..gamma. Subunits. Biochemistry, 1995, 34, 9111-9117. | 2.5 | 71 |
| 218 | Laser capture microdissection-based in vivo genomic profiling of wound keratinocytes identifies similarities and differences to squamous cell carcinoma. Oncogene, 2003, 22, 3964-3976. | 5.9 | 70 |
| 219 | PDGF-CC blockade inhibits pathological angiogenesis by acting on multiple cellular and molecular targets. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 12216-12221. | 7.1 | 69 |
| 220 | A Systems Genetics Approach Identifies CXCL14, ITGAX, and LPCAT2 as Novel Aggressive Prostate Cancer Susceptibility Genes. PLoS Genetics, 2014, 10, e1004809. | 3.5 | 68 |
| 221 | Targeted Therapeutic Nanotubes Influence the Viscoelasticity of Cancer Cells to Overcome Drug Resistance. ACS Nano, 2014, 8, 4177-4189. | 14.6 | 68 |
| 222 | 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. Oral Oncology, 2000, 36, 474-483. | 1.5 | 67 |
| 223 | A Role for a CXCR2/Phosphatidylinositol 3-Kinase Î³ Signaling Axis in Acute and Chronic Vascular Permeability. Molecular and Cellular Biology, 2009, 29, 2469-2480. | 2.3 | 67 |
| 224 | CKA, a Novel Multidomain Protein, Regulates the JUN N-Terminal Kinase Signal Transduction Pathway in Drosophila. Molecular and Cellular Biology, 2002, 22, 1792-1803. | 2.3 | 66 |
| 225 | An NF-ÎºB gene expression signature contributes to Kaposi's sarcoma virus vGPCR-induced direct and paracrine neoplasia. Oncogene, 2008, 27, 1844-1852. | 5.9 | 66 |
| 226 | Inactivating mutations in GNA13 and RHOA in Burkittâ€™s lymphoma and diffuse large B-cell lymphoma: a tumor suppressor function for the GÎ±13/RhoA axis in B cells. Oncogene, 2016, 35, 3771-3780. | 5.9 | 66 |
| 227 | Inhibition of mTOR Signaling and Clinical Activity of Rapamycin in Head and Neck Cancer in a Window of Opportunity Trial. Clinical Cancer Research, 2019, 25, 1156-1164. | 7.0 | 66 |
| 228 | Does dysregulated expression of a deregulated viral GPCR trigger Kaposi's sarcomagenesis?. FASEB Journal, 2004, 18, 422-427. | 0.5 | 65 |
| 229 | Structural and Biochemical Basis for Ubiquitin Ligase Recruitment by Arrestin-related Domain-containing Protein-3 (ARRDC3). Journal of Biological Chemistry, 2014, 289, 4743-4752. | 3.4 | 65 |
| 230 | Requirement of Phosphatidylinositol-3 Kinase for Activation of JNK/SAPKs by PDGF. Biochemical and Biophysical Research Communications, 1997, 232, 273-277. | 2.1 | 64 |
| 231 | Signaling circuitries controlling stem cell fate: to be or not to be. Current Opinion in Cell Biology, 2011, 23, 716-723. | 5.4 | 64 |
| 232 | Rab25 Regulates Invasion and Metastasis in Head and Neck Cancer. Clinical Cancer Research, 2013, 19, 1375-1388. | 7.0 | 64 |
| 233 | SDFâ€1/CXCL12 induces directional cell migration and spontaneous metastasis via a CXCR4/GÎ±i/mTORC1 axis. FASEB Journal, 2015, 29, 1056-1068. | 0.5 | 64 |
| 234 | Kaposi sarcoma-associated herpesvirus promotes tumorigenesis by modulating the Hippo pathway. Oncogene, 2015, 34, 3536-3546. | 5.9 | 64 |

| # | Article | IF | Citations |
|---|---|---|---|
| 235 | The NOTCH4â€“HEY1 Pathway Induces Epithelialâ€“Mesenchymal Transition in Head and Neck Squamous Cell Carcinoma. Clinical Cancer Research, 2018, 24, 619-633. | 7.0 | 63 |
| 236 | E-cadherin and Hakai: signalling, remodeling or destruction?. Nature Cell Biology, 2002, 4, E72-E74. | 10.3 | 62 |
| 237 | Inhibition of Mammalian Target of Rapamycin by Rapamycin Causes the Regression of Carcinogen-Induced Skin Tumor Lesions. Clinical Cancer Research, 2008, 14, 8094-8101. | 7.0 | 62 |
| 238 | PI3KÎ³ Mediates Kaposi's Sarcoma-Associated Herpesvirus vGPCR-Induced Sarcomagenesis. Cancer Cell, 2011, 19, 805-813. | 16.8 | 62 |
| 239 | Direct Interaction of p21-Activated Kinase 4 with PDZ-RhoGEF, a G Protein-linked Rho Guanine Exchange Factor. Journal of Biological Chemistry, 2004, 279, 6182-6189. | 3.4 | 61 |
| 240 | The Expression of Sphingosine Kinase-1 in Head and Neck Carcinoma. Cells Tissues Organs, 2010, 192, 314-324. | 2.3 | 61 |
| 241 | GNASR201C Induces Pancreatic Cystic Neoplasms in Mice That Express Activated KRAS by Inhibiting YAP1 Signaling. Gastroenterology, 2018, 155, 1593-1607.e12. | 1.3 | 61 |
| 242 | Angiopoietin-1 Induces KrÃ¼ppel-like Factor 2 Expression through a Phosphoinositide 3-Kinase/AKT-dependent Activation of Myocyte Enhancer Factor 2. Journal of Biological Chemistry, 2009, 284, 5592-5601. | 3.4 | 60 |
| 243 | 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. Journal of Neuroscience, 2004, 24, 4421-4431. | 3.6 | 59 |
| 244 | A nonsynonymous single-nucleotide polymorphism in the PDZ-Rho guanine nucleotide exchange factor (Ser1416Gly) modulates the risk of lung cancer in Mexican Americans. Cancer, 2006, 106, 2707-2715. | 4.1 | 59 |
| 245 | Gene expression in human oral squamous cell carcinoma is influenced by risk factor exposure. Oral Oncology, 2009, 45, 712-719. | 1.5 | 59 |
| 246 | Reduced Prostasin (CAP1/PRSS8) Activity Eliminates HAI-1 and HAI-2 Deficiencyâ€“Associated Developmental Defects by Preventing Matriptase Activation. PLoS Genetics, 2012, 8, e1002937. | 3.5 | 59 |
| 247 | Activation of the mTOR Pathway in Primary Medullary Thyroid Carcinoma and Lymph Node Metastases. Clinical Cancer Research, 2012, 18, 3532-3540. | 7.0 | 58 |
| 248 | IGF-1/IGF-1R/FAK/YAP Transduction Signaling Prompts Growth Effects in Triple-Negative Breast Cancer (TNBC) Cells. Cells, 2020, 9, 1010. | 4.1 | 58 |
| 249 | Effector domain mutants of Rho dissociate cytoskeletal changes from nuclear signaling and cellular transformation. Oncogene, 1998, 17, 991-998. | 5.9 | 57 |
| 250 | Rac inhibits thrombin-induced Rho activation: evidence of a Pak-dependent GTPase crosstalk. Journal of Molecular Signaling, 2006, 1, 8. | 0.5 | 57 |
| 251 | Interleukinâ€21 Expression and Its Association With Proinflammatory Cytokines in Untreated Chronic Periodontitis Patients. Journal of Periodontology, 2012, 83, 948-954. | 3.4 | 57 |
| 252 | 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. Molecular Cancer, 2014, 13, 32. | 19.2 | 57 |

| # | Article | IF | Citations |
|---|---|---|---|
| 253 | Reciprocal negative regulation between S100A7/psoriasin and Î²-catenin signaling plays an important role in tumor progression of squamous cell carcinoma of oral cavity. Oncogene, 2008, 27, 3527-3538. | 5.9 | 56 |
| 254 | Activation of transforming G protein-coupled receptors induces rapid tyrosine phosphorylation of cellular proteins, including p125FAK and the p130 v-src Substrate. Biochemical and Biophysical Research Communications, 1992, 188, 155-161. | 2.1 | 55 |
| 255 | Identification of H-Ras, RhoA, Rac1 and Cdc42 responsive genes. Oncogene, 2003, 22, 2689-2697. | 5.9 | 55 |
| 256 | Inhibition of Pin1 Reduces Glutamate-induced Perikaryal Accumulation of Phosphorylated Neurofilament-H in Neurons. Molecular Biology of the Cell, 2007, 18, 3645-3655. | 2.1 | 55 |
| 257 | Molecular Mechanisms Deployed by Virally Encoded G Proteinâ€“Coupled Receptors in Human Diseases. Annual Review of Pharmacology and Toxicology, 2013, 53, 331-354. | 9.4 | 55 |
| 258 | 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. Journal of Biological Chemistry, 1992, 267, 5434-41. | 3.4 | 55 |
| 259 | Transcriptional repression of estrogen receptor alpha by YAP reveals the Hippo pathway as therapeutic target for ER+ breast cancer. Nature Communications, 2022, 13, 1061. | 12.8 | 55 |
| 260 | 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. Journal of Biological Chemistry, 1999, 274, 801-813. | 3.4 | 54 |
| 261 | Scaffold proteins dictate Rho GTPase-signaling specificity. Trends in Biochemical Sciences, 2005, 30, 423-426. | 7.5 | 54 |
| 262 | Requirement of Rac1 distinguishes follicular from interfollicular epithelial stem cells. Oncogene, 2007, 26, 5078-5085. | 5.9 | 54 |
| 263 | 4E-BP1 Is a Tumor Suppressor Protein Reactivated by mTOR Inhibition in Head and Neck Cancer. Cancer Research, 2019, 79, 1438-1450. | 0.9 | 54 |
| 264 | The Platelet-derived Growth Factor Controls c-myc Expression through a JNK- and AP-1-dependent Signaling Pathway. Journal of Biological Chemistry, 2003, 278, 50024-50030. | 3.4 | 53 |
| 265 | Non-hematopoietic PAR-2 is essential for matriptase-driven pre-malignant progression and potentiation of ras-mediated squamous cell carcinogenesis. Oncogene, 2015, 34, 346-356. | 5.9 | 53 |
| 266 | Gene discovery in oral squamous cell carcinoma through the Head and Neck Cancer Genome Anatomy Project: confirmation by microarray analysis. Oral Oncology, 2003, 39, 248-258. | 1.5 | 52 |
| 267 | PDZ-RhoGEF and LARG Are Essential for Embryonic Development and Provide a Link between Thrombin and LPA Receptors and Rho Activation. Journal of Biological Chemistry, 2013, 288, 12232-12243. | 3.4 | 52 |
| 268 | Cannabinoids Promote Progression of HPV-Positive Head and Neck Squamous Cell Carcinoma via p38 MAPK Activation. Clinical Cancer Research, 2020, 26, 2693-2703. | 7.0 | 52 |
| 269 | Autoradiographic localization of osteogenin binding sites in cartilage and bone during rat embryonic development. Developmental Biology, 1990, 140, 209-214. | 2.0 | 50 |
| 270 | Signaling from G Protein-coupled Receptors to the c-jun Promoter Involves the MEF2 Transcription Factor. Journal of Biological Chemistry, 1997, 272, 20691-20697. | 3.4 | 50 |

| # | Article | IF | Citations |
|---|---|---|---|
| 271 | Phase II trial of everolimus in patients with previously treated recurrent or metastatic head and neck squamous cell carcinoma. Head and Neck, 2016, 38, 1759-1764. | 2.0 | 50 |
| 272 | Insulin-Like Growth Factor I Synergizes with Interleukin 4 for Hematopoietic Cell Proliferation Independent of Insulin Receptor Substrate Expression. Molecular and Cellular Biology, 1999, 19, 3816-3828. | 2.3 | 49 |
| 273 | Granulocyte Colony-stimulating Factor Induces Erk5 Activation, Which Is Differentially Regulated by Protein-tyrosine Kinases and Protein Kinase C. Journal of Biological Chemistry, 2001, 276, 10811-10816. | 3.4 | 49 |
| 274 | Prevention of Tumor Growth Driven by PIK3CA and HPV Oncogenes by Targeting mTOR Signaling with Metformin in Oral Squamous Carcinomas Expressing OCT3. Cancer Prevention Research, 2015, 8, 197-207. | 1.5 | 49 |
| 275 | Phosphatidylinositol-4-phosphate 5-Kinase and GEP100/Brag2 Protein Mediate Antiangiogenic Signaling by Semaphorin 3E-Plexin-D1 through Arf6 Protein. Journal of Biological Chemistry, 2011, 286, 34335-34345. | 3.4 | 48 |
| 276 | HPV E2, E4, E5 drive alternative carcinogenic pathways in HPV positive cancers. Oncogene, 2020, 39, 6327-6339. | 5.9 | 48 |
| 277 | EPS8 upregulates FOXM1 expression, enhancing cell growth and motility. Carcinogenesis, 2010, 31, 1132-1141. | 2.8 | 47 |
| 278 | mTOR co-targeting strategies for head and neck cancer therapy. Cancer and Metastasis Reviews, 2017, 36, 491-502. | 5.9 | 46 |
| 279 | Genetically-defined novel oral squamous cell carcinoma cell lines for the development of molecular therapies. Oncotarget, 2016, 7, 27802-27818. | 1.8 | 46 |
| 280 | Liver kinase B1 regulates hepatocellular tight junction distribution and function in vivo. Hepatology, 2016, 64, 1317-1329. | 7.3 | 45 |
| 281 | A Retroinhibition Approach Reveals a Tumor Cellâ€“Autonomous Response to Rapamycin in Head and Neck Cancer. Cancer Research, 2008, 68, 1144-1153. | 0.9 | 44 |
| 282 | LKB1/AMPK and PKA Control ABCB11 Trafficking and Polarization in Hepatocytes. PLoS ONE, 2014, 9, e91921. | 2.5 | 44 |
| 283 | Arrestins as rheostats of GPCR signalling. Nature Reviews Molecular Cell Biology, 2018, 19, 615-616. | 37.0 | 44 |
| 284 | How Mitogen-Activated Protein Kinases Recognize and Phosphorylate Their Targets: A QM/MM Study. Journal of the American Chemical Society, 2009, 131, 6141-6148. | 13.7 | 43 |
| 285 | Integrin Î±Î²1, Î±vÎ², Î±6Î² effectors p130Cas, Src and talin regulate carcinoma invasion and chemoresistance. Biochemical and Biophysical Research Communications, 2011, 406, 171-176. | 2.1 | 43 |
| 286 | Rapid Microfluidic Immunoassays of Cancer Biomarker Proteins Using Disposable Inkjetâ€Printed Gold Nanoparticle Arrays. ChemistryOpen, 2013, 2, 141-145. | 1.9 | 43 |
| 287 | Expression of an active GÎ± <sub>s</sub> mutant in skeletal stem cells is sufficient and necessary for fibrous dysplasia initiation and maintenance. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E428-E437. | 7.1 | 43 |
| 288 | Detecting cancer metastasis and accompanying protein biomarkers at single cell levels using a 3D-printed microfluidic immunoarray. Biosensors and Bioelectronics, 2021, 171, 112681. | 10.1 | 43 |

| # | Article | IF | Citations |
|---|---|---|---|
| 289 | Regulation of cyclin-dependent kinase (Cdk) 2 Thr-160 phosphorylation and activity by mitogen-activated protein kinase in late G1 phase. Biochemical Journal, 2000, 349, 869-876. | 3.7 | 42 |
| 290 | Laminin-?2 overexpression in head-and-neck squamous cell carcinoma. International Journal of Cancer, 2002, 99, 583-588. | 5.1 | 42 |
| 291 | Nano Delivers Big: Designing Molecular Missiles for Cancer Therapeutics. Pharmaceutics, 2011, 3, 34-52. | 4.5 | 42 |
| 292 | Antitumor activity of UCN-01 in carcinomas of the head and neck is associated with altered expression of cyclin D3 and p27(KIP1). Clinical Cancer Research, 2002, 8, 3549-60. | 7.0 | 42 |
| 293 | Expression of the fgr protooncogene product as a function of myelomonocytic cell maturation.. Journal of Cell Biology, 1989, 109, 3129-3136. | 5.2 | 41 |
| 294 | A Novel Functional Splice Variant of AKT3 Defined by Analysis of Alternative Splice Expression in HPV-Positive Oropharyngeal Cancers. Cancer Research, 2017, 77, 5248-5258. | 0.9 | 41 |
| 295 | The Rho Family GTPase Cdc42 Regulates the Activation of Ras/MAP Kinase by the Exchange Factor Ras-GRF. Journal of Biological Chemistry, 2000, 275, 26441-26448. | 3.4 | 40 |
| 296 | Temporal-specific roles of Rac1 during vascular development and retinal angiogenesis. Developmental Biology, 2016, 411, 183-194. | 2.0 | 40 |
| 297 | Activation of the orphan receptor GPR55 by lysophosphatidylinositol promotes metastasis in triple-negative breast cancer. Oncotarget, 2016, 7, 47565-47575. | 1.8 | 40 |
| 298 | GÎ±12Requires Acylation for Its Transforming Activity. Biochemistry, 1998, 37, 3196-3202. | 2.5 | 39 |
| 299 | SET protein accumulates in HNSCC and contributes to cell survival: Antioxidant defense, Akt phosphorylation and AVOs acidification. Oral Oncology, 2012, 48, 1106-1113. | 1.5 | 39 |
| 300 | Disruption of the HER3-PI3K-mTOR oncogenic signaling axis and PD-1 blockade as a multimodal precision immunotherapy in head and neck cancer. Nature Communications, 2021, 12, 2383. | 12.8 | 39 |
| 301 | Novel Molecular Mediators in the Pathway Connecting G-protein-coupled Receptors to MAP Kinase Cascades. Trends in Endocrinology and Metabolism, 1999, 10, 122-127. | 7.1 | 38 |
| 302 | CDP-diacylglycerol synthetase-controlled phosphoinositide availability limits VEGFA signaling and vascular morphogenesis. Blood, 2012, 120, 489-498. | 1.4 | 38 |
| 303 | mTOR Inhibitors and its Role in the Treatment of Head and Neck Squamous Cell Carcinoma. Current Treatment Options in Oncology, 2012, 13, 71-81. | 3.0 | 38 |
| 304 | Genetic Identification of SEMA3F as an Antilymphangiogenic Metastasis Suppressor Gene in Head and Neck Squamous Carcinoma. Cancer Research, 2015, 75, 2937-2948. | 0.9 | 38 |
| 305 | Endothelial RhoA GTPase is essential for in vitro endothelial functions but dispensable for physiological in vivo angiogenesis. Scientific Reports, 2019, 9, 11666. | 3.3 | 38 |
| 306 | Specific angiotensin II binding sites in the rat stellate and superior cervical ganglia. Brain Research, 1987, 422, 347-351. | 2.2 | 37 |

| # | Article | IF | Citations |
|---|---|---|---|
| 307 | Biological function of PDGF-induced PI-3 kinase activity: its role in alpha PDGF receptor-mediated mitogenic signaling.. Journal of Cell Biology, 1994, 127, 479-487. | 5.2 | 37 |
| 308 | A protein network map of head and neck cancer reveals PIK3CA mutant drug sensitivity. Science, 2021, 374, eabf2911. | 12.6 | 37 |
| 309 | Atrial natriuretic peptide receptors in sympathetic ganglia: Biochemical response and alterations in genetically hypertensive rats. Biochemical and Biophysical Research Communications, 1987, 149, 65-72. | 2.1 | 36 |
| 310 | Decreased Angiotensin II Receptors in Subfornical Organ of Spontaneously Hypertensive Rats After Chronic Antihypertensive Treatment With Enalapril. American Journal of Hypertension, 1990, 3, 59-61. | 2.0 | 36 |
| 311 | Protein kinase C-zeta reverts v-raf transformation of NIH-3T3 cells.. Genes and Development, 1996, 10, 1455-1466. | 5.9 | 36 |
| 312 | Cholecystokinin Receptor Antagonist Halts Progression of Pancreatic Cancer Precursor Lesions and Fibrosis in Mice. Pancreas, 2014, 43, 1050-1059. | 1.1 | 36 |
| 313 | HPV16 E5 Mediates Resistance to PD-L1 Blockade and Can Be Targeted with Rimantadine in Head and Neck Cancer. Cancer Research, 2020, 80, 732-746. | 0.9 | 36 |
| 314 | Combining Portable Raman Probes with Nanotubes for Theranostic Applications. Theranostics, 2011, 1, 310-321. | 10.0 | 35 |
| 315 | mTOR inhibition prevents rapid-onset of carcinogen-induced malignancies in a novel inducible HPV-16 E6/E7 mouse model. Carcinogenesis, 2016, 37, 1014-1025. | 2.8 | 35 |
| 316 | Head and Neck Cancer in the New Era of Precision Medicine. Journal of Dental Research, 2018, 97, 601-602. | 5.2 | 35 |
| 317 | Synthetic Lethal Screens Reveal Cotargeting FAK and MEK as a Multimodal Precision Therapy forGNAQ-Driven Uveal Melanoma. Clinical Cancer Research, 2021, 27, 3190-3200. | 7.0 | 35 |
| 318 | G protein-regulated endocytic trafficking of adenylyl cyclase type 9. ELife, 2020, 9, . | 6.0 | 35 |
| 319 | SPECs, Small Binding Proteins for Cdc42. Journal of Biological Chemistry, 2000, 275, 22650-22656. | 3.4 | 34 |
| 320 | Direct transmembrane clustering and cytoplasmic dimerization of focal adhesion kinase initiates its tyrosine phosphorylation. Biochimica Et Biophysica Acta - Molecular Cell Research, 2002, 1592, 141-152. | 4.1 | 34 |
| 321 | Growth factor-sensitive molecular targets identified in primary and metastatic head and neck squamous cell carcinoma using microarray analysis. Oral Oncology, 2006, 42, 240-256. | 1.5 | 34 |
| 322 | PLC-Î³ activation is required for PDGF-Î²R-mediated mitogenesis and monocytic differentiation of myeloid progenitor cells. Oncogene, 1997, 15, 585-593. | 5.9 | 33 |
| 323 | Immunolocalization of câ€Fos and câ€Jun in human oral mucosa and in oral squamous cell carcinoma. Journal of Oral Pathology and Medicine, 2002, 31, 78-81. | 2.7 | 33 |
| 324 | Inhibition of basic leucine zipper transcription is a major mediator of atrial dilatation. Cardiovascular Research, 2006, 70, 543-554. | 3.8 | 33 |

| # | Article | IF | Citations |
|---|---|---|---|
| 325 | WNT Stimulation Dissociates a Frizzled 4 Inactive-State Complex with GÎ±<sub>12/13</sub>. Molecular Pharmacology, 2016, 90, 447-459. | 2.3 | 33 |
| 326 | SOX2 Epidermal Overexpression Promotes Cutaneous Wound Healing via Activation ofÂEGFR/MEK/ERK Signaling Mediated by EGFRÂLigands. Journal of Investigative Dermatology, 2019, 139, 1809-1820.e8. | 0.7 | 33 |
| 327 | Calcium signaling induces a partial EMT. EMBO Reports, 2021, 22, e51872. | 4.5 | 33 |
| 328 | Rapid Development of Salivary Gland Carcinomas upon Conditional Expression of K-ras Driven by the Cytokeratin 5 Promoter. American Journal of Pathology, 2006, 168, 1654-1665. | 3.8 | 32 |
| 329 | câ€Abl activates p38 MAPK independently of its tyrosine kinase activity: Implications in cisplatinâ€based therapy. International Journal of Cancer, 2008, 122, 289-297. | 5.1 | 32 |
| 330 | Multiple PPPS/TP motifs act in a combinatorial fashion to transduce Wnt signaling through LRP6. FEBS Letters, 2008, 582, 255-261. | 2.8 | 32 |
| 331 | Improved Clearance during Treatment of HPV-Positive Head and Neck Cancer through mTOR Inhibition. Neoplasia, 2013, 15, 620-IN10. | 5.3 | 32 |
| 332 | IKK epsilon kinase is crucial for viral G protein-coupled receptor tumorigenesis. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 11139-11144. | 7.1 | 32 |
| 333 | Transforming G protein-coupled receptors transduce potent mitogenic signals in NIH 3T3 cells independent on cAMP inhibition or conventional protein kinase C. Oncogene, 1993, 8, 19-26. | 5.9 | 32 |
| 334 | Potent transforming activity of the small GTP-binding protein Rit in NIH 3T3 cells: evidence for a role of a p38Î³-dependent signaling pathway. FEBS Letters, 2002, 511, 15-20. | 2.8 | 31 |
| 335 | The antitumor drug candidate 2-(4-amino-3-methylphenyl)-5-fluorobenzothiazole induces NF-??B activity in drug-sensitive MCF-7 cells. Anti-Cancer Drugs, 2005, 16, 137-143. | 1.4 | 31 |
| 336 | DSG3 as a biomarker for the ultrasensitive detection of occult lymph node metastasis in oral cancer using nanostructured immunoarrays. Oral Oncology, 2013, 49, 93-101. | 1.5 | 31 |
| 337 | Polymeric Nanovehicle Regulated Spatiotemporal Real-Time Imaging of the Differentiation Dynamics of Transplanted Neural Stem Cells after Traumatic Brain Injury. ACS Nano, 2015, 9, 6683-6695. | 14.6 | 31 |
| 338 | Cross talk between the bombesin neuropeptide receptor and Sonic hedgehog pathways in small cell lung carcinoma. Oncogene, 2015, 34, 1679-1687. | 5.9 | 31 |
| 339 | TGFÎ² Receptor I Conditional Knockout Mice Develop Spontaneous Squamous Cell Carcinoma. Cell Cycle, 2007, 6, 1360-1366. | 2.6 | 30 |
| 340 | Plexin B1 is downregulated in renal cell carcinomas and modulates cell growth. Translational Research, 2008, 151, 134-140. | 5.0 | 30 |
| 341 | Phase 1 doseâ€finding study of metformin in combination with concurrent cisplatin and radiotherapy in patients with locally advanced head and neck squamous cell cancer. Cancer, 2020, 126, 354-362. | 4.1 | 30 |
| 342 | Exploiting the mTOR paradox for disease prevention. Oncotarget, 2012, 3, 1061-1063. | 1.8 | 30 |

| # | Article | IF | Citations |
|---|---|---|---|
| 343 | A C-terminal Mutant of the G Protein Î² Subunit Deficient in the Activation of Phospholipase C-Î². Journal of Biological Chemistry, 1996, 271, 20208-20212. | 3.4 | 29 |
| 344 | 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-1â€“Associated Nephropathy. Journal of the American Society of Nephrology: JASN, 2014, 25, 1800-1813. | 6.1 | 29 |
| 345 | Metformin Inhibits Progression of Head and Neck Squamous Cell Carcinoma by Acting Directly on Carcinoma-Initiating Cells. Cancer Research, 2019, 79, 4360-4370. | 0.9 | 29 |
| 346 | Beyond Synthetic Lethality: Charting the Landscape of Pairwise Gene Expression States Associated with Survival in Cancer. Cell Reports, 2019, 28, 938-948.e6. | 6.4 | 29 |
| 347 | Focal Adhesion Kinase Fine Tunes Multifaced Signals toward Breast Cancer Progression. Cancers, 2021, 13, 645. | 3.7 | 29 |
| 348 | Inhibition of mTOR signaling and clinical activity of metformin in oral premalignant lesions. JCI Insight, 2021, 6, . | 5.0 | 29 |
| 349 | Interpretation of cancer mutations using a multiscale map of protein systems. Science, 2021, 374, eabf3067. | 12.6 | 29 |
| 350 | The Constitutively Active Mutant GÎ±13Transforms Mouse Fibroblast Cells Deficient in Insulin-like Growth Factor-I Receptor. Journal of Biological Chemistry, 1997, 272, 29438-29441. | 3.4 | 28 |
| 351 | The ras-related GTPase rac1 regulates a proliferative pathway selectively utilized by G-protein coupled receptors. Oncogene, 1998, 17, 1617-1623. | 5.9 | 28 |
| 352 | Molecular analysis of anoikis resistance in oral cavity squamous cell carcinoma. Oral Oncology, 2007, 43, 440-454. | 1.5 | 28 |
| 353 | Control of the epithelial stem cell epigenome: the shaping of epithelial stem cell identity. Current Opinion in Cell Biology, 2013, 25, 162-169. | 5.4 | 28 |
| 354 | Impairing squamous differentiation by Klf4 deletion is sufficient to initiate tongue carcinoma development upon K- Ras activation in mice. Carcinogenesis, 2014, 35, 662-669. | 2.8 | 28 |
| 355 | Cryoâ€“electron microscopy structure and analysis of the P-Rex1â€“GÎ²Î³ signaling scaffold. Science Advances, 2019, 5, eaax8855. | 10.3 | 28 |
| 356 | Regulation of angiotensin II binding sites in the subfornical organ and other rat brain nuclei after water deprivation. Cellular and Molecular Neurobiology, 1987, 7, 447-455. | 3.3 | 27 |
| 357 | 1Î±,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. Endocrinology, 2010, 151, 23-31. | 2.8 | 27 |
| 358 | Future directions and treatment strategies for head and neck squamous cell carcinomas. Translational Research, 2012, 160, 167-177. | 5.0 | 27 |
| 359 | Cross-Desensitization and Cointernalization of H1 and H2 Histamine Receptors Reveal New Insights into Histamine Signal Integration. Molecular Pharmacology, 2013, 83, 1087-1098. | 2.3 | 27 |
| 360 | GÎ²Î³ signaling to the chemotactic effector P-REX1 and mammalian cell migration is directly regulated by GÎ±q and GÎ±13 proteins. Journal of Biological Chemistry, 2019, 294, 531-546. | 3.4 | 27 |

| # | Article | IF | Citations |
|---|---|---|---|
| 361 | GÎ±sâ€“Protein Kinase A (PKA) Pathway Signalopathies: The Emerging Genetic Landscape and Therapeutic Potential of Human Diseases Driven by Aberrant GÎ±s-PKA Signaling. Pharmacological Reviews, 2021, 73, 1326-1368. | 16.0 | 27 |
| 362 | The P34G Mutation Reduces the Transforming Activity of K-Ras and N-Ras in NIH 3T3 Cells but Not of H-Ras. Journal of Biological Chemistry, 2004, 279, 33480-33491. | 3.4 | 26 |
| 363 | Accumulation of the SET protein in HEK293T cells and mild oxidative stress: cell survival or death signaling. Molecular and Cellular Biochemistry, 2012, 363, 65-74. | 3.1 | 26 |
| 364 | Somatic Mutation of GRIN2A in Malignant Melanoma Results in Loss of Tumor Suppressor Activity via Aberrant NMDAR Complex Formation. Journal of Investigative Dermatology, 2014, 134, 2390-2398. | 0.7 | 26 |
| 365 | Heterotrimeric G-protein alpha-12 (GÎ±12) subunit promotes oral cancer metastasis. Oncotarget, 2014, 5, 9626-9640. | 1.8 | 26 |
| 366 | Genome-wide analysis of oral cancerâ€”early results from the Cancer Genome Anatomy Project. Oral Oncology, 2000, 36, 8-16. | 1.5 | 25 |
| 367 | Genomeâ€wide prediction of synthetic rescue mediators of resistance to targeted and immunotherapy. Molecular Systems Biology, 2019, 15, e8323. | 7.2 | 25 |
| 368 | The homozygous CX3CR1-M280 mutation impairs human monocyte survival. JCI Insight, 2018, 3, . | 5.0 | 25 |
| 369 | 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. PLoS ONE, 2016, 11, e0153837. | 2.5 | 25 |
| 370 | Prevention of irradiation-induced salivary hypofunction by rapamycin in swine parotid glands. Oncotarget, 2016, 7, 20271-20281. | 1.8 | 25 |
| 371 | TRAIL induces apoptosis in oral squamous carcinoma cells: a crosstalk with oncogenic Ras regulated cell surface expression of death receptor 5. Oncotarget, 2013, 4, 206-217. | 1.8 | 25 |
| 372 | Imaging the distribution of individual platinum-based anticancer drug molecules attached to single-wall carbon nanotubes. Nanomedicine, 2009, 4, 763-772. | 3.3 | 24 |
| 373 | Remodeling of VE-cadherin junctions by the human herpes virus 8 G-protein coupled receptor. Oncogene, 2011, 30, 190-200. | 5.9 | 24 |
| 374 | Effects of palbociclib on oral squamous cell carcinoma and the role of PIK3CA in conferring resistance. Cancer Biology and Medicine, 2019, 16, 264. | 3.0 | 24 |
| 375 | Massively Parallel Sequencing Reveals an Accumulation of De Novo Mutations and an Activating Mutation of LPAR1 in a Patient with Metastatic Neuroblastoma. PLoS ONE, 2013, 8, e77731. | 2.5 | 24 |
| 376 | Novel 1-Phenylcycloalkanecarboxylic Acid Derivatives Are Potent and Selective .sigma.1 Ligands. Journal of Medicinal Chemistry, 1994, 37, 2285-2291. | 6.4 | 23 |
| 377 | Overexpression of Mammalian Protein Kinase C-Î¶ Does Not Affect the Growth Characteristics of NIH 3T3 Cells. Biochemical and Biophysical Research Communications, 1995, 213, 266-272. | 2.1 | 23 |
| 378 | Induction of apoptosis in head-and-neck squamous carcinoma cells by ?-irradiation and bleomycin is p53-independent. International Journal of Cancer, 2000, 88, 737-743. | 5.1 | 23 |

| # | Article | IF | Citations |
|---|---|---|---|
| 379 | Investigation of the Catalytic Mechanism of Farnesyl Pyrophosphate Synthase by Computer Simulation. Journal of Physical Chemistry B, 2006, 110, 18052-18057. | 2.6 | 23 |
| 380 | Over-expression of MAGED4B increases cell migration and growth in oral squamous cell carcinoma and is associated with poor disease outcome. Cancer Letters, 2012, 321, 18-26. | 7.2 | 23 |
| 381 | Muscarinic receptors promote castration-resistant growth of prostate cancer through a FAKâ€“YAP signaling axis. Oncogene, 2020, 39, 4014-4027. | 5.9 | 23 |
| 382 | Germline Genetic Variation Modulates Tumor Progression and Metastasis in a Mouse Model of Neuroendocrine Prostate Carcinoma. PLoS ONE, 2013, 8, e61848. | 2.5 | 23 |
| 383 | Uncoupling of epidermal growth factor-dependent proliferation and invasion in a model of squamous carcinoma progression. Oral Oncology, 2005, 41, 698-708. | 1.5 | 22 |
| 384 | The GÎ±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. Journal of Biological Chemistry, 2007, 282, 34510-34524. | 3.4 | 22 |
| 385 | Cancer-associated fibroblast secretion of PDGFC promotes gastrointestinal stromal tumor growth and metastasis. Oncogene, 2021, 40, 1957-1973. | 5.9 | 22 |
| 386 | Longitudinal Imaging Studies of Tumor Microenvironment in Mice Treated with the mTOR Inhibitor Rapamycin. PLoS ONE, 2012, 7, e49456. | 2.5 | 22 |
| 387 | Tensin Can Induce JNK and p38 Activation. Biochemical and Biophysical Research Communications, 2000, 272, 717-720. | 2.1 | 21 |
| 388 | Modular Architecture and Novel Proteinâ€“Protein Interactions Regulating the RGS-Containing Rho Guanine Nucleotide Exchange Factors. Methods in Enzymology, 2004, 390, 259-285. | 1.0 | 21 |
| 389 | Chimeric GÎ±i2/GÎ±13 Proteins Reveal the Structural Requirements for the Binding and Activation of the RGS-like (RGL)-containing Rho Guanine Nucleotide Exchange Factors (GEFs) by Gα13. Journal of Biological Chemistry, 2004, 279, 54283-54290. | 3.4 | 21 |
| 390 | Neuronal Nuclear Organization Is Controlled by Cyclin-Dependent Kinase 5 Phosphorylation of Ras Guanine Nucleotide Releasing Factor-1. NeuroSignals, 2006, 15, 157-173. | 0.9 | 21 |
| 391 | Association of estrogen receptor-Î± and progesterone receptor A expression with hormonal mammary carcinogenesis: role of the host microenvironment. Breast Cancer Research, 2007, 9, R22. | 5.0 | 21 |
| 392 | Agonist-induced Ca2+ Sensitization in Smooth Muscle. Journal of Biological Chemistry, 2013, 288, 34030-34040. | 3.4 | 21 |
| 393 | Structure of the C-terminal guanine nucleotide exchange factor module of Trio in an autoinhibited conformation reveals its oncogenic potential. Science Signaling, 2019, 12, . | 3.6 | 21 |
| 394 | Activation of Ras and Rho GTPases and MAP Kinases by G-Protein-Coupled Receptors. Methods in Molecular Biology, 2010, 661, 137-150. | 0.9 | 21 |
| 395 | Regulation of Brain Atrial Natriuretic Peptide and Angiotensin Receptors: Quantitative Autoradiographic Studies. International Review of Neurobiology, 1989, 31, 257-296. | 2.0 | 20 |
| 396 | Metabotropic glutamate receptors activate phospholipase D in astrocytes through a protein kinase C-dependent and Rho-independent pathway. Neuropharmacology, 2003, 44, 171-180. | 4.1 | 20 |

| # | Article | IF | Citations |
|---|---|---|---|
| 397 | Detection of plasminogen activators in oral cancer by laser capture microdissection combined with zymography. Oral Oncology, 2004, 40, 1026-1032. | 1.5 | 20 |
| 398 | A New Gq-Initiated MAPK Signaling Pathway in the Heart. Developmental Cell, 2009, 16, 163-164. | 7.0 | 20 |
| 399 | Brag2 differentially regulates Î²1- and Î²3-integrin-dependent adhesion in endothelial cells and is involved in developmental and pathological angiogenesis. Basic Research in Cardiology, 2014, 109, 404. | 5.9 | 20 |
| 400 | Melanoma cell lysate induces <scp>CCR</scp>7 expression and in vivo migration to draining lymph nodes of therapeutic human dendritic cells. Immunology, 2014, 142, 396-405. | 4.4 | 20 |
| 401 | Accumulation of dephosphorylated 4EBP after mTOR inhibition with rapamycin is sufficient to disrupt paracrine transformation by the KSHV vGPCR oncogene. Oncogene, 2014, 33, 2405-2412. | 5.9 | 20 |
| 402 | Rare, functional, somatic variants in gene families linked to cancer genes: GPCR signaling as a paradigm. Oncogene, 2019, 38, 6491-6506. | 5.9 | 20 |
| 403 | PRECOG: PREdicting COupling probabilities of G-protein coupled receptors. Nucleic Acids Research, 2019, 47, W395-W401. | 14.5 | 20 |
| 404 | EGFR Regulates the Hippo pathway by promoting the tyrosine phosphorylation of MOB1. Communications Biology, 2021, 4, 1237. | 4.4 | 20 |
| 405 | Microneedle-mediated Intratumoral Delivery of Anti-CTLA-4 Promotes cDC1-dependent Eradication of Oral Squamous Cell Carcinoma with Limited irAEs. Molecular Cancer Therapeutics, 2022, 21, 616-624. | 4.1 | 20 |
| 406 | Focal Adhesion Kinase (FAK)-Hippo/YAP transduction signaling mediates the stimulatory effects exerted by S100A8/A9-RAGE system in triple-negative breast cancer (TNBC). Journal of Experimental and Clinical Cancer Research, 2022, 41, . | 8.6 | 20 |
| 407 | Carboxyl-terminal Domain of p27Kip1 Activates CDC2. Journal of Biological Chemistry, 1997, 272, 21669-21672. | 3.4 | 19 |
| 408 | The pathway connecting m2 receptors to the nucleus involves small GTP-binding proteins acting on divergent map kinase cascades. Life Sciences, 1997, 60, 999-1006. | 4.3 | 19 |
| 409 | 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. Journal of Biological Chemistry, 2000, 275, 6560-6565. | 3.4 | 19 |
| 410 | Levels of Interleukin-21 in Patients With Untreated Chronic Periodontitis. Journal of Periodontology, 2011, 82, 1483-1489. | 3.4 | 19 |
| 411 | Role of GRB2â€associated binder 1 in epidermal growth factor receptorâ€induced signaling in head and neck squamous cell carcinoma. International Journal of Cancer, 2013, 132, 1042-1050. | 5.1 | 19 |
| 412 | An interplay between the p38 MAPK pathway and AUBPs regulates c-fos mRNA stability during mitogenic stimulation. Biochemical Journal, 2015, 467, 77-90. | 3.7 | 19 |
| 413 | A synthetic-lethality RNAi screen reveals an ERK-mTOR co-targeting pro-apoptotic switch in PIK3CA+ oral cancers. Oncotarget, 2016, 7, 10696-10709. | 1.8 | 19 |
| 414 | <scp>SET</scp> overexpression decreases cell detoxification efficiency: <scp>ALDH</scp>2 and <scp>GSTP</scp>1 are downregulated, <scp>DDR</scp> is impaired and <scp>DNA</scp> damage accumulates. FEBS Journal, 2012, 279, 4615-4628. | 4.7 | 18 |

| # | Article | IF | Citations |
|---|---|---|---|
| 415 | Onco-GPCR signaling and dysregulated expression of microRNAs in human cancer. Journal of Human Genetics, 2017, 62, 87-96. | 2.3 | 18 |
| 416 | Development and optimization of orthotopic liver metastasis xenograft mouse models in uveal melanoma. Journal of Translational Medicine, 2020, 18, 208. | 4.4 | 18 |
| 417 | Angiotensin II and Basic Fibroblast Growth Factor Mitogenic Pathways in Human Fetal Mesangial Cells. Pediatric Research, 2000, 47, 614-621. | 2.3 | 18 |
| 418 | The pathway linking small GTP-binding proteins of the Rho family to cytoskeletal components and novel signaling kinase cascades. Seminars in Cell and Developmental Biology, 1996, 7, 683-690. | 5.0 | 17 |
| 419 | Isoproterenol inhibits fibroblast growth factor-2-induced growth of renal epithelial cells. Pediatric Nephrology, 2000, 14, 726-734. | 1.7 | 17 |
| 420 | Classical membrane progesterone receptors in murine mammary carcinomas: agonistic effects of progestins and RU-486 mediating rapid non-genomic effects. Breast Cancer Research and Treatment, 2011, 126, 621-636. | 2.5 | 17 |
| 421 | Nuclear Mapping of Nanodrug Delivery Systems in Dynamic Cellular Environments. ACS Nano, 2012, 6, 4966-4972. | 14.6 | 17 |
| 422 | Fluorescent, Bioactive Protein Nanoparticles (Prodots) for Rapid, Improved Cellular Uptake. Bioconjugate Chemistry, 2015, 26, 396-404. | 3.6 | 17 |
| 423 | cAMP-dependent activation of the Rac guanine exchange factor P-REX1 by type I protein kinase A (PKA) regulatory subunits. Journal of Biological Chemistry, 2019, 294, 2232-2246. | 3.4 | 17 |
| 424 | Pathway-Specific Genome Editing of PI3K/mTOR Tumor Suppressor Genes Reveals that PTEN Loss Contributes to Cetuximab Resistance in Head and Neck Cancer. Molecular Cancer Therapeutics, 2020, 19, 1562-1571. | 4.1 | 17 |
| 425 | The non-catalytic domain of ras-GAP inhibits transformation induced by G protein coupled receptors. Oncogene, 1994, 9, 597-601. | 5.9 | 17 |
| 426 | Identification and Characterization of a Novel Ste20/Germinal Center Kinase-related Kinase, Polyploidy-associated Protein Kinase. Journal of Biological Chemistry, 2003, 278, 13520-13530. | 3.4 | 16 |
| 427 | Combined image guided monitoring the pharmacokinetics of rapamycin loaded human serum albumin nanoparticles with a split luciferase reporter. Nanoscale, 2016, 8, 3991-4000. | 5.6 | 16 |
| 428 | Anti-angiogenic effects of VEGF stimulation on endothelium deficient in phosphoinositide recycling. Nature Communications, 2020, 11, 1204. | 12.8 | 16 |
| 429 | Integrative computational analysis of transcriptional and epigenetic alterations implicates DTX1 as a putative tumor suppressor gene in HNSCC. Oncotarget, 2017, 8, 15349-15363. | 1.8 | 16 |
| 430 | Role of the cAMP and MAPK pathways in the transformation of mouse 3T3 fibroblasts by a TSHR gene constitutively activated by point mutation. Oncogene, 2000, 19, 4896-4905. | 5.9 | 15 |
| 431 | Heparin inhibits angiotensin II-induced vasoconstriction on isolated mouse mesenteric resistance arteries through Rho-A- and PKA-dependent pathways. Vascular Pharmacology, 2013, 58, 313-318. | 2.1 | 15 |
| 432 | Metformin Is Associated With Reduced Odds for Colorectal Cancer Among Persons With Diabetes. Clinical and Translational Gastroenterology, 2019, 10, e00092. | 2.5 | 15 |

| # | Article | IF | Citations |
|---|---|---|---|
| 433 | GÎ±s directly drives PDZ-RhoGEF signaling to Cdc42. Journal of Biological Chemistry, 2020, 295, 16920-16928. | 3.4 | 15 |
| 434 | Loss of PTEN expression leading to high Akt activation in human multiple myelomas. Blood, 2000, 96, 3560-3568. | 1.4 | 15 |
| 435 | Genomic Hippo Pathway Alterations and Persistent YAP/TAZ Activation: New Hallmarks in Head and Neck Cancer. Cells, 2022, 11, 1370. | 4.1 | 15 |
| 436 | Effect of activating and inactivating mutations of GS-and Gi2-alpha protein subunits on growth and differentiation of 3T3-L1 preadipocytes. , 1997, 64, 242-257. | | 14 |
| 437 | Differential Inhibitor of GÎ²Î³ Signaling to AKT and ERK Derived from Phosducin-like Protein. Journal of Biological Chemistry, 2009, 284, 18334-18346. | 3.4 | 14 |
| 438 | MPA-induced gene expression and stromal and parenchymal gene expression profiles in luminal murine mammary carcinomas with different hormonal requirements. Breast Cancer Research and Treatment, 2011, 129, 49-67. | 2.5 | 14 |
| 439 | Redirecting extracellular proteases to molecularly guide radiosensitizing drugs to tumors. Biomaterials, 2020, 248, 120032. | 11.4 | 14 |
| 440 | mTOR inhibitor use in head and neck squamous cell carcinoma: A metaâ€analysis on survival, tumor response, and toxicity. Laryngoscope Investigative Otolaryngology, 2020, 5, 243-255. | 1.5 | 14 |
| 441 | Oncotargeting G proteins: The Hippo in the room. Oncotarget, 2014, 5, 10997-10999. | 1.8 | 14 |
| 442 | Angiopoietin-2-induced lymphatic endothelial cell migration drives lymphangiogenesis via the Î²1 integrin-RhoA-formin axis. Angiogenesis, 2022, 25, 373-396. | 7.2 | 14 |
| 443 | Monomethyl auristatin antibody and peptide drug conjugates for trimodal cancer chemo-radio-immunotherapy. Nature Communications, 2022, 13, . | 12.8 | 14 |
| 444 | Cardiovascular effects of alpha-adrenergic drugs: Differences between clonidine and guanabenz. Naunyn-Schmiedeberg's Archives of Pharmacology, 1986, 332, 370-375. | 3.0 | 13 |
| 445 | SCIENTIFIC PROGRESS IN UNDERSTANDING ORAL AND PHARYNGEAL CANCERS. Journal of the American Dental Association, 1998, 129, 713-718. | 1.5 | 13 |
| 446 | Profiling EGFR activity in head and neck squamous cell carcinoma by using a novel layered membrane Western blot technology. Oral Oncology, 2005, 41, 503-508. | 1.5 | 13 |
| 447 | Insights into Î²2â€adrenergic receptor binding from structures of the Nâ€terminal lobe of <scp>ARRDC</scp>3. Protein Science, 2014, 23, 1708-1716. | 7.6 | 13 |
| 448 | Oral Cancer: Integration of Studies for Diagnostic and Therapeutic Precision. Advances in Dental Research, 2019, 30, 45-49. | 3.6 | 13 |
| 449 | Unleashing Immunotherapy by Targeting Cancer Stem Cells. Cell Stem Cell, 2020, 27, 187-189. | 11.1 | 13 |
| 450 | Insights into epithelial cell senescence from transcriptome and secretome analysis of human oral keratinocytes. Aging, 2021, 13, 4747-4777. | 3.1 | 13 |

| # | Article | IF | Citations |
|---|---|---|---|
| 451 | Aberrant expression of CPSF1 promotes head and neck squamous cell carcinoma via regulating alternative splicing. PLoS ONE, 2020, 15, e0233380. | 2.5 | 13 |
| 452 | Oral and Pharyngeal Epithelial Keratinocyte Culture. Methods in Molecular Biology, 2012, 945, 67-79. | 0.9 | 12 |
| 453 | Chapter 6 Kaposi's Sarcoma Virally Encoded, Gâ€Proteinâ€“Coupled Receptor. Methods in Enzymology, 2009, 460, 125-150. | 1.0 | 11 |
| 454 | The actin domain of Gardner-Rasheed feline sarcoma virus inhibits kinase and transforming activities. Journal of Virology, 1989, 63, 1715-1720. | 3.4 | 11 |
| 455 | MKP1 mediates chemosensitizer effects of E1a in response to cisplatin in non-small cell lung carcinoma cells. Oncotarget, 2015, 6, 44095-44107. | 1.8 | 11 |
| 456 | Levels of sirolimus in saliva and blood following mouthwash application. Oral Diseases, 2014, 20, 768-772. | 3.0 | 10 |
| 457 | PI3K pathway is involved in ERK signaling cascade activation by histamine H2R agonist in HEK293T cells. Biochimica Et Biophysica Acta - General Subjects, 2016, 1860, 1998-2007. | 2.4 | 10 |
| 458 | Nonmuscle myosin 2 regulates cortical stability during sprouting angiogenesis. Molecular Biology of the Cell, 2020, 31, 1974-1987. | 2.1 | 10 |
| 459 | The anti-tumour activity of DNA methylation inhibitor 5-aza-2â€²-deoxycytidine is enhanced by the common analgesic paracetamol through induction of oxidative stress. Cancer Letters, 2021, 501, 172-186. | 7.2 | 10 |
| 460 | Proteomic profiling of the cancer microenvironment by antibody arrays. Proteomics, 2001, 1, 1271-1278. | 2.2 | 10 |
| 461 | GÎ±12- and GÎ±13-Subunits of Heterotrimeric G-Proteins A Novel Family of Oncogenes. , 1998, , 101-117. | | 10 |
| 462 | RCAS/SCL-TVA Animal Model Allows Targeted Delivery of Polyoma Middle T Oncogene to Vascular Endothelial Progenitors In vivo and Results in Hemangioma Development. Clinical Cancer Research, 2008, 14, 3948-3955. | 7.0 | 9 |
| 463 | E1a is an exogenous inÂvivo tumour suppressor. Cancer Letters, 2017, 399, 74-81. | 7.2 | 9 |
| 464 | The Next Frontier: Head and Neck Cancer Immunoprevention. Cancer Prevention Research, 2017, 10, 681-683. | 1.5 | 9 |
| 465 | Importance of the MKK6/p38 pathway for interleukin-12â€“induced STAT4 serine phosphorylation and transcriptional activity. Blood, 2000, 96, 1844-1852. | 1.4 | 9 |
| 466 | Lower number of atrial natriuretic peptide receptors in thymocytes and spleen cells of spontaneously hypertensive rats. Biochemical and Biophysical Research Communications, 1987, 149, 1132-1140. | 2.1 | 8 |
| 467 | Characterization of AT2 receptor expression in NIH 3T3 fibroblasts. Cellular and Molecular Neurobiology, 1999, 19, 277-288. | 3.3 | 8 |
| 468 | A new twist for the tumour suppressor hamartin. Nature Cell Biology, 2000, 2, E76-E78. | 10.3 | 8 |

| # | Article | IF | Citations |
|---|---|---|---|
| 469 | Signaling by G protein coupled receptors and G proteins: a perspective. Oncogene, 2001, 20, 1530-1531. | 5.9 | 8 |
| 470 | Keeping the Epidermal Stem Cell Niche in Shape. Cell Stem Cell, 2010, 7, 143-145. | 11.1 | 8 |
| 471 | Cellular Systems for Studying Human Oral Squamous Cell Carcinomas. Advances in Experimental Medicine and Biology, 2011, 720, 27-38. | 1.6 | 8 |
| 472 | Levels of sirolimus in saliva and blood following oral topical sustained-release varnish delivery system application. Cancer Chemotherapy and Pharmacology, 2015, 75, 969-974. | 2.3 | 8 |
| 473 | Genetic variants affecting equivalent protein family positions reflect human diversity. Scientific Reports, 2017, 7, 12771. | 3.3 | 8 |
| 474 | Epidermal loss of GÎ±q confers a migratory and differentiation defect in keratinocytes. PLoS ONE, 2017, 12, e0173692. | 2.5 | 8 |
| 475 | Development of a yeast-based system to identify new hBRAFV600E functional interactors. Oncogene, 2019, 38, 1355-1366. | 5.9 | 8 |
| 476 | The PH domain of Ras-GAP is sufficient forin Vitro binding toÎ²2Î³ subunits of heterotrimeric G proteins. Cellular and Molecular Neurobiology, 1996, 16, 51-59. | 3.3 | 7 |
| 477 | Dermatomyositis paraneoplastic syndrome before symptomatic tonsillar squamous cell carcinoma: A case report. Head and Neck, 2015, 37, E1-3. | 2.0 | 7 |
| 478 | A Molecular Crosstalk between E-cadherin and EGFR Signaling Networks. , 2008, , 131-146. | | 7 |
| 479 | A pilot, single arm, prospective trial using neoadjuvant rapamycin prior to definitive therapy in head and neck squamous cell carcinoma.. Journal of Clinical Oncology, 2015, 33, 6071-6071. | 1.6 | 7 |
| 480 | 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. Brain Research, 1988, 475, 134-140. | 2.2 | 6 |
| 481 | Transforming G Protein-Coupled Receptors Block Insulin andras-Induced Adipocytic Differentiation in 3T3-L1 Cells: Evidence for a PKC and MAP Kinase Independent Pathway. Biochemical and Biophysical Research Communications, 1998, 245, 554-561. | 2.1 | 6 |
| 482 | Activation of MAPKs by G Protein-Coupled Receptors. , 2004, 250, 203-210. | | 6 |
| 483 | Gene expression changes in a patient presenting nonleukaemic nasal granulocytic sarcoma to acute myelogenous leukaemia using 40â€ƒK cDNA microarray. International Journal of Laboratory Hematology, 2006, 28, 262-266. | 0.2 | 6 |
| 484 | GENIPAC: A Genomic Information Portal for Head and Neck Cancer Cell Systems. Journal of Dental Research, 2018, 97, 909-916. | 5.2 | 6 |
| 485 | Establishment of a novel cancer cell line derived from vulvar carcinoma associated with lichen sclerosus exhibiting a fibroblast-dependent tumorigenic potential. Experimental Cell Research, 2020, 386, 111684. | 2.6 | 6 |
| 486 | G-protein-coupled receptor of Kaposi's sarcoma-associated herpesvirus is a viral oncogene and angiogenesis activator. Nature, 1998, 392, 210-210. | 27.8 | 5 |

| # | Article | IF | Citations |
|---|---|---|---|
| 487 | Epigenetics, noncoding RNAs, and cell signalingâ€"crossroads in the regulation of cell fate decisions. Current Opinion in Cell Biology, 2013, 25, 149-151. | 5.4 | 5 |
| 488 | Interaction between Î²2- and Î±2-adrenoceptor responses in the vascular system: effect of clenbuterol. European Journal of Pharmacology, 1986, 130, 119-124. | 3.5 | 4 |
| 489 | Further Evidence of Interaction Between Vasodilator Î²2- and Vasoconstrictor Î±2-Adrenoceptorâ€"Mediated Responses in Maintaining Vascular Tone in Anesthetized Rats. Journal of Cardiovascular Pharmacology, 1989, 14, 874-880. | 1.9 | 4 |
| 490 | P126. Expression of GNA12 and its role in oral cancer. Oral Oncology, 2011, 47, S114-S115. | 1.5 | 4 |
| 491 | Activation of G-Protein Coupled Receptorâ€"GÎ±i Signaling Increases Keratinocyte Proliferation and Reduces Differentiation, Leading to Epidermal Hyperplasia. Journal of Investigative Dermatology, 2020, 140, 1195-1203.e3. | 0.7 | 4 |
| 492 | Using Heterologous COS-7 Cells to Identify Semaphorin-Signaling Components. Methods in Molecular Biology, 2017, 1493, 163-170. | 0.9 | 4 |
| 493 | Ataxia telangiectasia mutated nuclear localization in head and neck cancer cells is PPP2R2B-dependent. Asian Biomedicine, 2010, 4, 373-383. | 0.3 | 4 |
| 494 | Sonic Hedgehog in SCLC. Aging, 2015, 7, 605-606. | 3.1 | 4 |
| 495 | Treatment with clorgyline and pargyline differentially decreases clonidine-induced hypotension and bradycardia. Naunyn-Schmiedeberg's Archives of Pharmacology, 1984, 327, 189-192. | 3.0 | 3 |
| 496 | Different Pharmacological Interaction of Clonidine and Guanabenz with Antidepressive Drugs. Clinical and Experimental Hypertension, 1987, 9, 1531-1547. | 0.3 | 3 |
| 497 | Dual transduction signaling by a Xenopus muscarinic receptor: Adenylyl cyclase inhibition and MAP kinase activation. Journal of Cellular Biochemistry, 1997, 65, 75-82. | 2.6 | 3 |
| 498 | Regulation of Mitogen-Activated Protein Kinases by G-Protein-Coupled Receptors. Methods in Enzymology, 2002, 345, 437-447. | 1.0 | 3 |
| 499 | Molecular Mechanisms of Cancer. , 0, , 71-142. | | 3 |
| 500 | Autoradiographic quantification of vasoactive intestinal peptide binding sites in sections from human blood mononuclear cell pellets. Neuropsychopharmacology, 1988, 1, 251-255. | 5.4 | 3 |
| 501 | Characterization of Î²-adrenergic receptors in sections from human blood lymphocyte pellets by quantitative autoradiography. Biological Psychiatry, 1988, 23, 749-754. | 1.3 | 2 |
| 502 | Pressor Response Induced by Clenbuterol Treatment in Immobilized Normotensive Rats. Journal of Cardiovascular Pharmacology, 1989, 13, 793-798. | 1.9 | 2 |
| 503 | Clinical trial in progress: Phase II trial of defactinib (VS-6063) combined with VS-6766 (CH5126766) in patients with metastatic uveal melanoma.. Journal of Clinical Oncology, 2021, 39, TPS9588-TPS9588. | 1.6 | 2 |
| 504 | GNAS â€PKA Oncosignaling Network in Colorectal Cancer. FASEB Journal, 2018, 32, 695.9. | 0.5 | 2 |

| # | Article | IF | Citations |
|---|---|---|---|
| 505 | Decreased angiotensin II binding affinity and binding capacity in the anterior pituitary gland of adult spontaneously hypertensive rats. Life Sciences, 1988, 43, 445-451. | 4.3 | 1 |
| 506 | Probes for narcotic receptor mediated phenomena 22. (1) synthesis and characterization of optically pure [3H](+)-4-[(Î±R)-Î±-((2S, 5R)-4-propyl-2,5-dimethyl-1-piperazinyl)-3-methoxybenzyl]-N, N-diethylbenzamide, [3H]SNC 121, a novel high affinity and select. Journal of Labelled Compounds and Radiopharmaceuticals, 1996, 38, 847-850. | 1.0 | 1 |
| 507 | RGS-RhoGEFs and other RGS multidomain proteins as effector molecules in GPCR-dependent and GPCR-independent cell signaling. , 0, , 159-188. | | 1 |
| 508 | Emerging Cancer Biomarkers for HNSCC Detection and Therapeutic Intervention. , 2017, , 281-308. | | 1 |
| 509 | Targeting mTOR in Head and Neck Cancerâ€"Response. Clinical Cancer Research, 2019, 25, 6555-6555. | 7.0 | 1 |
| 510 | CD40 Agonist Combined with Radiation and PD-1 Blockade Enhances Development Of Systemic Tumor-Specific B-Cells And B-Cell Memory. International Journal of Radiation Oncology Biology Physics, 2020, 108, e560. | 0.8 | 1 |
| 511 | GPCRs in head and neck squamous cell carcinoma. , 2020, , 317-334. | | 1 |
| 512 | The Wnt/Î²-catenin Signaling Circuitry in Head and Neck Cancer. , 2014, , 199-214. | | 1 |
| 513 | Targeting the mTOR Signaling Circuitry in Head and Neck Cancer. , 2017, , 163-181. | | 1 |
| 514 | Head and Neck Cancer and the PI3K/Akt/mTOR Signaling Network: Novel Molecular Targeted Therapies. , 2011, , 407-429. | | 1 |
| 515 | Abstract 4985: M4OC-Prevent: Clinical evaluation of metformin for oral cancer precision prevention. Cancer Research, 2018, 78, 4985-4985. | 0.9 | 1 |
| 516 | Structural/functional studies of Trio provide insights into its configuration and show that conserved linker elements enhance its activity for Rac1. Journal of Biological Chemistry, 2022, 298, 102209. | 3.4 | 1 |
| 517 | Squamous Carcinomas of the Head and Neck. , 2003, , 509-VIII. | | 0 |
| 518 | Single-Walled Carbon-Nanotube Forest Immunosensor for Amplified Detection of Cancer Biomarkers. , 0, , . | | 0 |
| 519 | ID: 366 MT1-MMP Controls Tumor-Induced Angiogenesis through Release of Semaphorin 4D. Journal of Thrombosis and Haemostasis, 2006, 4, 59-59. | 3.8 | 0 |
| 520 | ERG REGULATES C-MYC AND ABROGATES DIFFERENTIATION IN PROSTATE CANCER. Journal of Urology, 2009, 181, 510-511. | 0.4 | 0 |
| 521 | G-Protein-Coupled Receptors, Signal Fidelity, and Cell Transformation. , 2010, , 1635-1648. | | 0 |
| 522 | PD31. Emerging animal models for the functional genomics analysis of the oral cancer oncogenome. Oral Oncology, 2011, 47, S13-S14. | 1.5 | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 523 | Variable Cellular Conduct of Photonic Carbon Nano-Dots. Biophysical Journal, 2013, 104, 514a. | 0.5 | 0 |
| 524 | Analysis of Anti-Tumor Immune Responses with Radiation Combined with Anti-PD-L1 Immunotherapy in an HPV Specific Head & Neck Cancer Model.. International Journal of Radiation Oncology Biology Physics, 2018, 102, S153. | 0.8 | 0 |
| 525 | Splicing, Mutation, and Methylation Alterations Drive Gene Expression in HPV-OPC more than Copy Number Variation: A Network Propagation Analysis. International Journal of Radiation Oncology Biology Physics, 2020, 106, 1185. | 0.8 | 0 |
| 526 | GÎ± <sub>s</sub> Directly Drives PDZâ€RhoGEF Signaling to Cdc42. FASEB Journal, 2021, 35, . | 0.5 | 0 |
| 527 | G-Protein-Coupled Receptors, Cell Transformation, and Signal Fidelity. , 2003, , 589-599. | | 0 |
| 528 | Abstract LB-7: HPV-associated HNSCC: Widespread mTOR pathway activity and preclinical evaluation of mTOR inhibitors rapamycin and RAD-001. , 2011, , . | | 0 |
| 529 | Abstract LB-243: Targeting the PI3K-mTOR signaling with metformin for the prevention of HPV-associated malignancies in HIV- and HIV+ individuals. , 2014, , . | | 0 |
| 530 | Abstract 1260: CP-31398 prevents the progression of oral squamous cell carcinomas from carcinogen-induced premalignant lesions. , 2014, , . | | 0 |
| 531 | Abstract 4050: A central role for mTORC1 in CXCR4-mediated directional migration and metastasis. , 2014, , . | | 0 |
| 532 | Targeting the PI3ÂK-mTOR Signaling Circuitry in HPV-Associated Oral Malignancies: Novel Precision Molecular Therapies. , 2015, , 153-169. | | 0 |
| 533 | Abstract 2059: Novel roles for GNA13 and RHOA as tumor suppressor genes. , 2015, , . | | 0 |
| 534 | Abstract 3249: Recurrent 3p21 deletion in head and neck squamous cell carcinoma identifies SEMA3F as an anti-lymphangiogenic metastasis suppressor gene. , 2015, , . | | 0 |
| 535 | A phase I study of metformin in combination with cisplatin and radiation in locally advanced head and neck squamous cell carcinoma.. Journal of Clinical Oncology, 2016, 34, TPS6109-TPS6109. | 1.6 | 0 |
| 536 | Abstract 1936: Comprehensive long non-coding RNA expression profiling from the TCGA HNSCC RNA-sequencing data. , 2016, , . | | 0 |
| 537 | 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.. Journal of Clinical Oncology, 2018, 36, 6074-6074. | 1.6 | 0 |
| 538 | Abstract 3320: Discovery and development of DNA methylation biomarkers in human papillomavirus related oropharyngeal squamous cell carcinoma. , 2018, , . | | 0 |
| 539 | Abstract 968: Targeting FAK inhibits YAP-dependent tumor growth in uveal melanoma. , 2018, , . | | 0 |
| 540 | Crystal Structure of the Câ€terminal Guanine Exchange Factor Module of Trio Reveals its Oncogenic Potential. FASEB Journal, 2019, 33, 668.1. | 0.5 | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 541 | Abstract IA08: Regulation of YAP by tyrosine phosphorylation of core Hippo pathway components: Lessons learned from the GNAQ oncogene and FAK. , 2020, , . | | 0 |
| 542 | Abstract 6406: FAK and MEK co-targeting: A new multimodal precision therapy forGNAQ-driven uveal melanoma. , 2020, , . | | 0 |
| 543 | Abstract LB-386: Novel multimodal precision immunotherapy by co-targeting the HER3 oncogenic signaling circuitry and PD-1 for head and neck squamous cell carcinoma. , 2020, , . | | 0 |
| 544 | GÎ±s ( GNAS ) suppression of the p53 genomicâ€stability checkpoint unleashes RAS â€driven oncogenesis. FASEB Journal, 2020, 34, 1-1. | 0.5 | 0 |
| 545 | Sema3F Suppresses Tumor Initiation Through Alteration of the Immunological Tumor Microenvironment. FASEB Journal, 2020, 34, 1-1. | 0.5 | 0 |
| 546 | The kaposiâ€™s sarcoma associated herpesvirus: a model for viral oncogenesis. , 2002, 4, 118-133. | | 0 |
| 547 | 436â€...Rational sequencing of immune-oncology therapies achieves durable response and immunologic memory. , 2020, , . | | 0 |
| 548 | Pressor Response Induced by Clenbuterol Treatment in Immobilized Normotensive Rats. Journal of Cardiovascular Pharmacology, 1989, 13, 793-798. | 1.9 | 0 |
| 549 | Abstract LB-149: Genome-wide prediction of synthetic rescue mediators of resistance to targeted and immunotherapy. , 2019, , . | | 0 |