Panomwat Amornphimoltham

List of Publications by Year
in descending order

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36 papers	3,276 citations	172457 29 h-index	377865 34 g-index
38 all docs	38 docs citations	38 times ranked	4856 citing authors

#	Article	IF	Citations
1	Dysregulated molecular networks in head and neck carcinogenesis. Oral Oncology, 2009, 45, 324-334.	1.5	317
2	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
3	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
4	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
5	Persistent Activation of the Akt Pathway in Head and Neck Squamous Cell Carcinoma. Clinical Cancer Research, 2004, 10, 4029-4037.	7.0	163
6	RhoA and ROCK mediate histamine-induced vascular leakage and anaphylactic shock. Nature Communications, 2015, 6, 6725.	12.8	141
7	Decreased Lymphangiogenesis and Lymph Node Metastasis by mTOR Inhibition in Head and Neck Cancer. Cancer Research, 2011, 71, 7103-7112.	0.9	138
8	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
9	A Synthetic Biology Approach Reveals a CXCR4-G ₁₃ -Rho Signaling Axis Driving Transendothelial Migration of Metastatic Breast Cancer Cells. Science Signaling, 2011, 4, ra60.	3.6	126
10	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
11	Imaging cell biology in live animals: Ready for prime time. Journal of Cell Biology, 2013, 201, 969-979.	5.2	110
12	Intravital microscopy: a novel tool to study cell biology in living animals. Histochemistry and Cell Biology, 2010, 133, 481-491.	1.7	109
13	Role for the actomyosin complex in regulated exocytosis revealed by intravital microscopy. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 13552-13557.	7.1	109
14	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
15	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
16	Intravital microscopy. Bioarchitecture, 2012, 2, 143-157.	1.5	96
17	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
18	Chemical Carcinogenesis Models for Evaluating Molecular-Targeted Prevention and Treatment of Oral Cancer. Cancer Prevention Research, 2009, 2, 419-422.	1.5	79

#	Article	IF	Citations
19	Global gene expression profiles of human head and neck squamous carcinoma cell lines. International Journal of Cancer, 2004, 112, 249-258.	5.1	77
20	Gut Leakage of Fungal-Derived Inflammatory Mediators: Part of a Gut-Liver-Kidney Axis in Bacterial Sepsis. Digestive Diseases and Sciences, 2019, 64, 2416-2428.	2.3	72
21	Intravital microscopy as a tool to study drug delivery in preclinical studies. Advanced Drug Delivery Reviews, 2011, 63, 119-128.	13.7	66
22	Rab25 Regulates Invasion and Metastasis in Head and Neck Cancer. Clinical Cancer Research, 2013, 19, 1375-1388.	7.0	64
23	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
24	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
25	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
26	Fibroblasts and extracellular matrix differently modulate MMP activation by primary and metastatic head and neck cancer cells. Medical Oncology, 2012, 29, 690-703.	2.5	45
27	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
28	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
29	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
30	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
31	Tumorâ€“stroma interactions influence cytokine expression and matrix metalloproteinase activities in paired primary and metastatic head and neck cancer cells. Cell Biology International, 2009, 33, 165-173.	3.0	27
32	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
33	Non-invasive intravital imaging of head and neck squamous cell carcinomas in live mice. Methods, 2017, 128, 3-11.	3.8	8
34	Targeting the mTOR Signaling Circuitry in Head and Neck Cancer. , 2017, , 163-181.		1
35	Head and Neck Cancer and the PI3K/Akt/mTOR Signaling Network: Novel Molecular Targeted Therapies. , 2011, , 407-429.		1
36	Association Between PD-L1 and Histatin1, 3 Expression in Advanced Head and Neck Squamous Cell Carcinoma. Anticancer Research, 2022, 42, 2689-2699.	1.1	1