

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

51 papers	2,736 citations	25 h-index	52 g-index
74 ext. papers	3,321 ext. citations	5.8 avg, IF	4.98 L-index

#	Paper	IF	Citations
51	Single-Cell Genomics Unveils Critical Regulators of Th17 Cell Pathogenicity. <i>Cell</i> , 2015 , 163, 1400-12	56.2	369
50	In vitro cell migration and invasion assays. <i>Journal of Visualized Experiments</i> , 2014 ,	1.6	266
49	Acidic tumor microenvironment and pH-sensing G protein-coupled receptors. <i>Frontiers in Physiology</i> , 2013 , 4, 354	4.6	175
48	Migration to apoptotic "find-me" signals is mediated via the phagocyte receptor G2A. <i>Journal of Biological Chemistry</i> , 2008 , 283, 5296-305	5.4	172
47	T cell chemotaxis to lysophosphatidylcholine through the G2A receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 245-50	11.5	155
46	Gi-independent macrophage chemotaxis to lysophosphatidylcholine via the immunoregulatory GPCR G2A. <i>Blood</i> , 2005 , 105, 1127-34	2.2	132
45	Effects of resveratrol, curcumin, berberine and other nutraceuticals on aging, cancer development, cancer stem cells and microRNAs. <i>Aging</i> , 2017 , 9, 1477-1536	5.6	112
44	Effects of mutations in Wnt/ β -catenin, hedgehog, Notch and PI3K pathways on GSK-3 activity-Diverse effects on cell growth, metabolism and cancer. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016 , 1863, 2942-2976	4.9	101
43	Vascular abnormalities in mice deficient for the G protein-coupled receptor GPR4 that functions as a pH sensor. <i>Molecular and Cellular Biology</i> , 2007 , 27, 1334-47	4.8	95
42	Acidosis activation of the proton-sensing GPR4 receptor stimulates vascular endothelial cell inflammatory responses revealed by transcriptome analysis. <i>PLoS ONE</i> , 2013 , 8, e61991	3.7	88
41	Activation of GPR4 by acidosis increases endothelial cell adhesion through the cAMP/Epac pathway. <i>PLoS ONE</i> , 2011 , 6, e27586	3.7	82
40	Deletion of the pH sensor GPR4 decreases renal acid excretion. <i>Journal of the American Society of Nephrology: JASN</i> , 2010 , 21, 1745-55	12.7	81
39	Molecular Connections between Cancer Cell Metabolism and the Tumor Microenvironment. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 11055-86	6.3	75
38	Lysophosphatidylcholine-induced surface redistribution regulates signaling of the murine G protein-coupled receptor G2A. <i>Molecular Biology of the Cell</i> , 2005 , 16, 2234-47	3.5	69
37	Roles of GSK-3 and microRNAs on epithelial mesenchymal transition and cancer stem cells. <i>Oncotarget</i> , 2017 , 8, 14221-14250	3.3	68
36	Inhibition of tumor cell migration and metastasis by the proton-sensing GPR4 receptor. <i>Cancer Letters</i> , 2011 , 312, 197-208	9.9	61
35	Normal immune development and glucocorticoid-induced thymocyte apoptosis in mice deficient for the T-cell death-associated gene 8 receptor. <i>Molecular and Cellular Biology</i> , 2006 , 26, 668-77	4.8	57

34	Hemogen is a novel nuclear factor specifically expressed in mouse hematopoietic development and its human homologue EDAG maps to chromosome 9q22, a region containing breakpoints of hematological neoplasms. <i>Mechanisms of Development</i> , 2001 , 104, 105-11	1.7	48
33	Acidosis Activates Endoplasmic Reticulum Stress Pathways through GPR4 in Human Vascular Endothelial Cells. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	47
32	Label-free classification of cultured cells through diffraction imaging. <i>Biomedical Optics Express</i> , 2011 , 2, 1717-26	3.5	40
31	Diffraction imaging of spheres and melanoma cells with a microscope objective. <i>Journal of Biophotonics</i> , 2009 , 2, 521-7	3.1	31
30	Roles of TP53 in determining therapeutic sensitivity, growth, cellular senescence, invasion and metastasis. <i>Advances in Biological Regulation</i> , 2017 , 63, 32-48	6.2	28
29	Analysis of cellular objects through diffraction images acquired by flow cytometry. <i>Optics Express</i> , 2013 , 21, 24819-28	3.3	28
28	Polarization imaging and classification of Jurkat T and Ramos B cells using a flow cytometer. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2014 , 85, 817-26	4.6	27
27	Acidosis decreases c-Myc oncogene expression in human lymphoma cells: a role for the proton-sensing G protein-coupled receptor TDAG8. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 20236-55	6.3	25
26	Interleukin-6 as one of the potential mediators of immune-related adverse events in non-small cell lung cancer patients treated with immune checkpoint blockade: evidence from a case report. <i>Acta Oncologica</i> , 2018 , 57, 705-708	3.2	25
25	Comparative study of 3D morphology and functions on genetically engineered mouse melanoma cells. <i>Integrative Biology (United Kingdom)</i> , 2012 , 4, 1428-36	3.7	24
24	Nk6, a novel Drosophila homeobox gene regulated by vnd. <i>Mechanisms of Development</i> , 2002 , 116, 105-116	1.7	22
23	GPR4 deficiency alleviates intestinal inflammation in a mouse model of acute experimental colitis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017 , 1863, 569-584	6.9	21
22	Introduction of WT-TP53 into pancreatic cancer cells alters sensitivity to chemotherapeutic drugs, targeted therapeutics and nutraceuticals. <i>Advances in Biological Regulation</i> , 2018 , 69, 16-34	6.2	20
21	Co-relation of overall survival with peripheral blood-based inflammatory biomarkers in advanced stage non-small cell lung cancer treated with anti-programmed cell death-1 therapy: results from a single institutional database. <i>Acta Oncologica</i> , 2018 , 57, 867-872	3.2	18
20	The GATA site-dependent hemogen promoter is transcriptionally regulated by GATA1 in hematopoietic and leukemia cells. <i>Leukemia</i> , 2006 , 20, 417-25	10.7	16
19	Pharmacological inhibition of GPR4 remediates intestinal inflammation in a mouse colitis model. <i>European Journal of Pharmacology</i> , 2019 , 852, 218-230	5.3	15
18	Alternative promoters and polyadenylation regulate tissue-specific expression of Hemogen isoforms during hematopoiesis and spermatogenesis. <i>Developmental Dynamics</i> , 2003 , 228, 606-16	2.9	15
17	GPR4 decreases B16F10 melanoma cell spreading and regulates focal adhesion dynamics through the G13/Rho signaling pathway. <i>Experimental Cell Research</i> , 2015 , 334, 100-13	4.2	14

16	Isolated neutropenia as a rare but serious adverse event secondary to immune checkpoint inhibition 2019 , 7, 169		13
15	The Proton-Sensing GPR4 Receptor Regulates Paracellular Gap Formation and Permeability of Vascular Endothelial Cells. <i>IScience</i> , 2020 , 23, 100848	6.1	12
14	The TMEFF2 tumor suppressor modulates integrin expression, RhoA activation and migration of prostate cancer cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014 , 1843, 1216-24	4.9	12
13	Synthesis and Evaluation of the Novel Prostaglandin, 15-Deoxy, Δ Prostaglandin J, as a Selective Antitumor Therapeutic. <i>Molecular Cancer Therapeutics</i> , 2017 , 16, 838-849	6.1	11
12	Comparison study of distinguishing cancerous and normal prostate epithelial cells by confocal and polarization diffraction imaging. <i>Journal of Biomedical Optics</i> , 2016 , 21, 71102	3.5	11
11	Contextual tumor suppressor function of T cell death-associated gene 8 (TDAG8) in hematological malignancies. <i>Journal of Translational Medicine</i> , 2017 , 15, 204	8.5	10
10	Quantitative analysis and comparison of 3D morphology between viable and apoptotic MCF-7 breast cancer cells and characterization of nuclear fragmentation. <i>PLoS ONE</i> , 2017 , 12, e0184726	3.7	9
9	Emerging roles for the pH-sensing G protein-coupled receptors in response to acidotic stress. <i>Cell Health and Cytoskeleton</i> , 2015 , 99		4
8	GPR65 (TDAG8) inhibits intestinal inflammation and colitis-associated colorectal cancer development in experimental mouse models. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2022 , 1868, 166288	6.9	3
7	Evaluating the utility of pretreatment C-reactive protein (CRP) in survival stratification of advanced non-small cell lung cancer (NSCLC) treated with immune checkpoint blockade (ICB): A prospective cohort study.. <i>Journal of Clinical Oncology</i> , 2018 , 36, e15122-e15122	2.2	2
6	Peripheral blood interleukin 6, interleukin 10, and T lymphocyte levels are associated with checkpoint inhibitor induced pneumonitis: a case report. <i>Acta Oncologica</i> , 2021 , 60, 813-817	3.2	2
5	Study of 3D cell morphology and effect on light scattering distribution 2009 ,		1
4	Function and Signaling of the pH-Sensing G Protein-Coupled Receptors in Physiology and Diseases 2014 , 45-65		0
3	Can GPR4 Be a Potential Therapeutic Target for COVID-19?. <i>Frontiers in Medicine</i> , 2020 , 7, 626796	4.9	0
2	Survival stratification using a baseline inflammatory physiology based scoring system in advanced non-small cell lung cancer (NSCLC) treated with anti-programmed cell death-1 (anti-PD-1) therapy.. <i>Journal of Clinical Oncology</i> , 2018 , 36, 152-152	2.2	
1	Tumor mutational burden (TMB) profile of K-RAS/TP-53 co-mutation in metastatic non-small cell lung cancer (m-NSCLC).. <i>Journal of Clinical Oncology</i> , 2019 , 37, 2626-2626	2.2	