

Peter Bankhead

List of Publications by Citations

Source: <https://exaly.com/author-pdf/9504134/peter-bankhead-publications-by-citations.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

45
papers

3,063
citations

21
h-index

55
g-index

55
ext. papers

4,950
ext. citations

7.6
avg. IF

4.89
L-index

#	Paper	IF	Citations
45	QuPath: Open source software for digital pathology image analysis. <i>Scientific Reports</i> , 2017 , 7, 16878	4.9	1369
44	Regulatory T cells promote myelin regeneration in the central nervous system. <i>Nature Neuroscience</i> , 2017 , 20, 674-680	25.5	208
43	Fast retinal vessel detection and measurement using wavelets and edge location refinement. <i>PLoS ONE</i> , 2012 , 7, e32435	3.7	201
42	Dynamic oscillation of translation and stress granule formation mark the cellular response to virus infection. <i>Cell Host and Microbe</i> , 2012 , 12, 71-85	23.4	131
41	Topography of cancer-associated immune cells in human solid tumors. <i>ELife</i> , 2018 , 7,	8.9	123
40	Digital pathology and image analysis in tissue biomarker research. <i>Methods</i> , 2014 , 70, 59-73	4.6	120
39	Pan-cancer image-based detection of clinically actionable genetic alterations. <i>Nature Cancer</i> , 2020 , 1, 789-799	15.4	119
38	Translation suppression promotes stress granule formation and cell survival in response to cold shock. <i>Molecular Biology of the Cell</i> , 2012 , 23, 3786-800	3.5	105
37	Dengue Virus Inhibition of Autophagic Flux and Dependency of Viral Replication on Proteasomal Degradation of the Autophagy Receptor p62. <i>Journal of Virology</i> , 2015 , 89, 8026-41	6.6	70
36	Human Pancreatic Carcinoma-Associated Fibroblasts Promote Expression of Co-inhibitory Markers on CD4 and CD8 T-Cells. <i>Frontiers in Immunology</i> , 2019 , 10, 847	8.4	59
35	The RNA processing factors THRAP3 and BCLAF1 promote the DNA damage response through selective mRNA splicing and nuclear export. <i>Nucleic Acids Research</i> , 2017 , 45, 12816-12833	20.1	51
34	Integrated tumor identification and automated scoring minimizes pathologist involvement and provides new insights to key biomarkers in breast cancer. <i>Laboratory Investigation</i> , 2018 , 98, 15-26	5.9	47
33	Evaluation of PTGS2 Expression, PIK3CA Mutation, Aspirin Use and Colon Cancer Survival in a Population-Based Cohort Study. <i>Clinical and Translational Gastroenterology</i> , 2017 , 8, e91	4.2	42
32	Xenopus cytoplasmic linker-associated protein 1 (XCLASP1) promotes axon elongation and advance of pioneer microtubules. <i>Molecular Biology of the Cell</i> , 2013 , 24, 1544-58	3.5	31
31	Automated tumor analysis for molecular profiling in lung cancer. <i>Oncotarget</i> , 2015 , 6, 27938-52	3.3	30
30	The ventral habenulae of zebrafish develop in prosomere 2 dependent on Tcf7l2 function. <i>Neural Development</i> , 2013 , 8, 19	3.9	29
29	Validation of the systematic scoring of immunohistochemically stained tumour tissue microarrays using QuPath digital image analysis. <i>Histopathology</i> , 2018 , 73, 327-338	7.3	27

28	Statin use, candidate mevalonate pathway biomarkers, and colon cancer survival in a population-based cohort study. <i>British Journal of Cancer</i> , 2017 , 116, 1652-1659	8.7	26
27	HIV-1 Nef limits communication between linker of activated T cells and SLP-76 to reduce formation of SLP-76-signaling microclusters following TCR stimulation. <i>Journal of Immunology</i> , 2012 , 189, 1898-910 ^{5.3}	5.3	25
26	Immune status is prognostic for poor survival in colorectal cancer patients and is associated with tumour hypoxia. <i>British Journal of Cancer</i> , 2020 , 123, 1280-1288	8.7	22
25	QUADrATiC: scalable gene expression connectivity mapping for repurposing FDA-approved therapeutics. <i>BMC Bioinformatics</i> , 2016 , 17, 198	3.6	21
24	cudaMap: a GPU accelerated program for gene expression connectivity mapping. <i>BMC Bioinformatics</i> , 2013 , 14, 305	3.6	21
23	Deep Learning-Based Segmentation and Quantification in Experimental Kidney Histopathology. <i>Journal of the American Society of Nephrology: JASN</i> , 2021 , 32, 52-68	12.7	18
22	Endothelin 1 stimulates Ca ²⁺ -sparks and oscillations in retinal arteriolar myocytes via IP3R and RyR-dependent Ca ²⁺ release 2011 , 52, 3874-9		17
21	Ca(2+) sparks promote myogenic tone in retinal arterioles. <i>British Journal of Pharmacology</i> , 2013 , 168, 1675-86	8.6	14
20	Identifying mismatch repair-deficient colon cancer: near-perfect concordance between immunohistochemistry and microsatellite instability testing in a large, population-based series. <i>Histopathology</i> , 2021 , 78, 401-413	7.3	14
19	PICan: An integromics framework for dynamic cancer biomarker discovery. <i>Molecular Oncology</i> , 2015 , 9, 1234-40	7.9	13
18	Feedback via Ca ²⁺ -activated ion channels modulates endothelin 1 signaling in retinal arteriolar smooth muscle 2012 , 53, 3059-66		13
17	Deep learning detects virus presence in cancer histology		11
16	cAMP/PKA-dependent increases in Ca Sparks, oscillations and SR Ca stores in retinal arteriolar myocytes after exposure to vasopressin 2010 , 51, 1591-8		9
15	Early Commissural Diencephalic Neurons Control Habenular Axon Extension and Targeting. <i>Current Biology</i> , 2017 , 27, 270-278	6.3	8
14	The role of K ⁺ and Cl ⁻ channels in the regulation of retinal arteriolar tone and blood flow 2014 , 55, 2157-65		8
13	Acridine orange leukocyte fluorography in mice. <i>Experimental Eye Research</i> , 2014 , 120, 15-9	3.7	8
12	QuPath: Open source software for digital pathology image analysis		8
11	Detecting Ca ²⁺ sparks on stationary and varying baselines. <i>American Journal of Physiology - Cell Physiology</i> , 2011 , 301, C717-28	5.4	7

10	Embracing an integromic approach to tissue biomarker research in cancer: Perspectives and lessons learned. <i>Briefings in Bioinformatics</i> , 2017 , 18, 634-646	13.4	6
9	Characterization of a murine mixed neuron-glia model and cellular responses to regulatory T cell-derived factors. <i>Molecular Brain</i> , 2018 , 11, 25	4.5	6
8	Automated detection and measurement of isolated retinal arterioles by a combination of edge enhancement and cost analysis. <i>PLoS ONE</i> , 2014 , 9, e91791	3.7	4
7	as a poor prognostic biomarker and predictor of response to adjuvant chemotherapy specifically in -mutant stage II and III colon cancer. <i>Oncotarget</i> , 2018 , 9, 13834-13847	3.3	4
6	Developing open-source software for bioimage analysis: opportunities and challenges. <i>F1000Research</i> , 2021 , 10, 302	3.6	3
5	Digital and Computational Pathology for Biomarker Discovery 2019 , 87-105		3
4	Development of a semi-automated method for tumour budding assessment in colorectal cancer and comparison with manual methods. <i>Histopathology</i> , 2021 ,	7.3	2
3	MITI minimum information guidelines for highly multiplexed tissue images.. <i>Nature Methods</i> , 2022 , 19, 262-267	21.6	2
2	Bcl-xL as a poor prognostic biomarker and predictor of response to adjuvant chemotherapy specifically in BRAF-mutant stage II and III colon cancer		1
1	Zebrafish Brain Development Monitored by Long-Term In Vivo Microscopy: A Comparison Between Laser Scanning Confocal and 2-Photon Microscopy. <i>Neuromethods</i> , 2014 , 163-188	0.4	