

Thomas Botton

List of Publications by Citations

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Version: 2024-04-28

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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.

20
papers

2,276
citations

15
h-index

21
g-index

21
ext. papers

2,947
ext. citations

11.3
avg, IF

4.71
L-index

#	Paper	IF	Citations
20	CNVkit: Genome-Wide Copy Number Detection and Visualization from Targeted DNA Sequencing. <i>PLoS Computational Biology</i> , 2016 , 12, e1004873	5	672
19	Kinase fusions are frequent in Spitz tumours and spitzoid melanomas. <i>Nature Communications</i> , 2014 , 5, 3116	17.4	394
18	Metformin inhibits melanoma development through autophagy and apoptosis mechanisms. <i>Cell Death and Disease</i> , 2011 , 2, e199	9.8	218
17	Exome sequencing of desmoplastic melanoma identifies recurrent NFKBIE promoter mutations and diverse activating mutations in the MAPK pathway. <i>Nature Genetics</i> , 2015 , 47, 1194-9	36.3	177
16	Mitf is the key molecular switch between mouse or human melanoma initiating cells and their differentiated progeny. <i>Oncogene</i> , 2011 , 30, 2307-18	9.2	159
15	Compounds Triggering ER Stress Exert Anti-Melanoma Effects and Overcome BRAF Inhibitor Resistance. <i>Cancer Cell</i> , 2016 , 29, 805-819	24.3	110
14	Activating MET kinase rearrangements in melanoma and Spitz tumours. <i>Nature Communications</i> , 2015 , 6, 7174	17.4	98
13	NTRK3 kinase fusions in Spitz tumours. <i>Journal of Pathology</i> , 2016 , 240, 282-290	9.4	95
12	Recurrent BRAF kinase fusions in melanocytic tumors offer an opportunity for targeted therapy. <i>Pigment Cell and Melanoma Research</i> , 2013 , 26, 845-51	4.5	93
11	Bi-allelic Loss of CDKN2A Initiates Melanoma Invasion via BRN2 Activation. <i>Cancer Cell</i> , 2018 , 34, 56-68.e9	24.3	54
10	Clinical activity of the MEK inhibitor trametinib in metastatic melanoma containing BRAF kinase fusion. <i>Pigment Cell and Melanoma Research</i> , 2015 , 28, 607-10	4.5	47
9	In vitro and in vivo anti-melanoma effects of ciglitazone. <i>Journal of Investigative Dermatology</i> , 2009 , 129, 1208-18	4.3	43
8	Genetic Heterogeneity of BRAF Fusion Kinases in Melanoma Affects Drug Responses. <i>Cell Reports</i> , 2019 , 29, 573-588.e7	10.6	30
7	Ciglitazone negatively regulates CXCL1 signaling through MITF to suppress melanoma growth. <i>Cell Death and Differentiation</i> , 2011 , 18, 109-21	12.7	27
6	Rac1 dynamics in the human opportunistic fungal pathogen <i>Candida albicans</i> . <i>PLoS ONE</i> , 2010 , 5, e15400	3.7	12
5	CNVkit: Copy number detection and visualization for targeted sequencing using off-target reads		9
4	Melanoma BRAF fusions--letter. <i>Clinical Cancer Research</i> , 2014 , 20, 6631	12.9	8

3	Discovery of a new molecule inducing melanoma cell death: dual AMPK/MELK targeting for novel melanoma therapies. <i>Cell Death and Disease</i> , 2021 , 12, 64	9.8	4
2	Hybrid Capture-Based Tumor Sequencing and Copy Number Analysis to Confirm Origin of Metachronous Metastases in Mutant Cholangiocarcinoma Harboring a Novel Fusion. <i>Oncologist</i> , 2018 , 23, 998-1003	5.7	2
1	Comment on Testing for BRAF fusions in patients with advanced BRAF/NRAS/KIT wild-type melanomas permits to identify patients who could benefit of anti-MEK targeted therapy. <i>Journal of Clinical Pathology</i> , 2020 , 73, 524-525	3.9	