

Noushin Niknafs

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.

28
papers

3,343
citations

19
h-index

31
g-index

31
ext. papers

4,484
ext. citations

16.8
avg, IF

4.23
L-index

#	Paper	IF	Citations
28	Evolution of Neoantigen Landscape during Immune Checkpoint Blockade in Non-Small Cell Lung Cancer. <i>Cancer Discovery</i> , 2017 , 7, 264-276	24.4	491
27	Exome sequencing identifies frequent inactivating mutations in BAP1, ARID1A and PBRM1 in intrahepatic cholangiocarcinomas. <i>Nature Genetics</i> , 2013 , 45, 1470-1473	36.3	464
26	Genome-wide cell-free DNA fragmentation in patients with cancer. <i>Nature</i> , 2019 , 570, 385-389	50.4	339
25	High grade serous ovarian carcinomas originate in the fallopian tube. <i>Nature Communications</i> , 2017 , 8, 1093	17.4	325
24	The genomic landscape of response to EGFR blockade in colorectal cancer. <i>Nature</i> , 2015 , 526, 263-7	50.4	310
23	A combination of molecular markers and clinical features improve the classification of pancreatic cysts. <i>Gastroenterology</i> , 2015 , 149, 1501-10	13.3	286
22	Epigenetic Therapy Ties MYC Depletion to Reversing Immune Evasion and Treating Lung Cancer. <i>Cell</i> , 2017 , 171, 1284-1300.e21	56.2	215
21	Whole Genome Sequencing Defines the Genetic Heterogeneity of Familial Pancreatic Cancer. <i>Cancer Discovery</i> , 2016 , 6, 166-75	24.4	206
20	Dynamics of Tumor and Immune Responses during Immune Checkpoint Blockade in Non-Small Cell Lung Cancer. <i>Cancer Research</i> , 2019 , 79, 1214-1225	10.1	117
19	Ipilimumab plus nivolumab and DNA-repair defects in AR-V7-expressing metastatic prostate cancer. <i>Oncotarget</i> , 2018 , 9, 28561-28571	3.3	92
18	Multimodal genomic features predict outcome of immune checkpoint blockade in non-small-cell lung cancer. <i>Nature Cancer</i> , 2020 , 1, 99-111	15.4	67
17	Exome-Scale Discovery of Hotspot Mutation Regions in Human Cancer Using 3D Protein Structure. <i>Cancer Research</i> , 2016 , 76, 3719-31	10.1	61
16	Whole-Genome Sequencing of Salivary Gland Adenoid Cystic Carcinoma. <i>Cancer Prevention Research</i> , 2016 , 9, 265-74	3.2	59
15	MuPIT interactive: webserver for mapping variant positions to annotated, interactive 3D structures. <i>Human Genetics</i> , 2013 , 132, 1235-43	6.3	56
14	SubClonal Hierarchy Inference from Somatic Mutations: Automatic Reconstruction of Cancer Evolutionary Trees from Multi-region Next Generation Sequencing. <i>PLoS Computational Biology</i> , 2015 , 11, e1004416	5	47
13	A machine learning approach for somatic mutation discovery. <i>Science Translational Medicine</i> , 2018 , 10,	17.5	44
12	Intraductal Papillary Mucinous Neoplasms Arise From Multiple Independent Clones, Each With Distinct Mutations. <i>Gastroenterology</i> , 2019 , 157, 1123-1137.e22	13.3	40

11	Genomic characterization of malignant progression in neoplastic pancreatic cysts. <i>Nature Communications</i> , 2020 , 11, 4085	17.4	27
10	Detection and characterization of lung cancer using cell-free DNA fragmentomes. <i>Nature Communications</i> , 2021 , 12, 5060	17.4	21
9	Integrative Tumor and Immune Cell Multi-omic Analyses Predict Response to Immune Checkpoint Blockade in Melanoma. <i>Cell Reports Medicine</i> , 2020 , 1, 100139	18	17
8	Durvalumab with platinum-pemetrexed for unresectable pleural mesothelioma: survival, genomic and immunologic analyses from the phase 2 PrE0505 trial. <i>Nature Medicine</i> , 2021 , 27, 1910-1920	50.5	14
7	Biomechanical factors in planning of periacetabular osteotomy. <i>Frontiers in Bioengineering and Biotechnology</i> , 2013 , 1, 20	5.8	13
6	Characterization of genetic subclonal evolution in pancreatic cancer mouse models. <i>Nature Communications</i> , 2019 , 10, 5435	17.4	11
5	Matching phenotypes to whole genomes: Lessons learned from four iterations of the personal genome project community challenges. <i>Human Mutation</i> , 2017 , 38, 1266-1276	4.7	9
4	A probabilistic model to predict clinical phenotypic traits from genome sequencing. <i>PLoS Computational Biology</i> , 2014 , 10, e1003825	5	8
3	Early detection of lung cancer using cfDNA fragmentation.. <i>Journal of Clinical Oncology</i> , 2021 , 39, 8519-8519	2.2	2
2	Integrative tumor and immune cell multi-omic analyses to predict melanoma response to immune checkpoint blockade.. <i>Journal of Clinical Oncology</i> , 2020 , 38, 10009-10009	2.2	0
1	Genome-wide cell-free DNA fragmentation profiling for early cancer detection.. <i>Journal of Clinical Oncology</i> , 2019 , 37, 3018-3018	2.2	0