Noam Auslander

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.

24 papers	802 citations	12 h-index	25 g-index
25 ext. papers	1,201 ext. citations	14.8 avg, IF	4.34 L-index

#	Paper	IF	Citations
24	Robust prediction of response to immune checkpoint blockade therapy in metastatic melanoma. *Nature Medicine*, **2018**, 24, 1545-1549	50.5	230
23	Genomic determinants of pathogenicity in SARS-CoV-2 and other human coronaviruses. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 15193-15199	11.5	120
22	Urea Cycle Dysregulation Generates Clinically Relevant Genomic and Biochemical Signatures. *Cell*, **2018**, 174, 1559-1570.e22	56.2	102
21	Chemoradiotherapy Resistance in Colorectal Cancer Cells is Mediated by Wnt/▯catenin Signaling. *Molecular Cancer Research*, **2017**, 15, 1481-1490	6.6	71
20	Harnessing synthetic lethality to predict the response to cancer treatment. *Nature Communications*, **2018**, 9, 2546	17.4	44
19	Co-targeting the tumor endothelium and P-selectin-expressing glioblastoma cells leads to a remarkable therapeutic outcome. *ELife*, **2017**, 6,	8.9	32
18	A joint analysis of transcriptomic and metabolomic data uncovers enhanced enzyme-metabolite coupling in breast cancer. *Scientific Reports*, **2016**, 6, 29662	4.9	30
17	An integrated computational and experimental study uncovers FUT9 as a metabolic driver of colorectal cancer. *Molecular Systems Biology*, **2017**, 13, 956	12.2	28
16	Seeker: alignment-free identification of bacteriophage genomes by deep learning. *Nucleic Acids Research*, **2020**, 48, e121	20.1	19
15	Predicting Complete Remission of Acute Myeloid Leukemia: Machine Learning Applied to Gene Expression. *Cancer Informatics*, **2019**, 18, 1176935119835544	2.4	14
14	A unique insert in the genomes of high-risk human papillomaviruses with a predicted dual role in conferring oncogenic risk. *F1000Research*, **2019**, 8, 1000	3.6	13
13	Pyrvinium Pamoate Induces Death of Triple-Negative Breast Cancer Stem-Like Cells and Reduces Metastases through Effects on Lipid Anabolism. *Cancer Research*, **2020**, 80, 4087-4102	10.1	13
12	In silico learning of tumor evolution through mutational time series. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 9501-9510	11.5	11
11	Interplay between DNA damage repair and apoptosis shapes cancer evolution through aneuploidy and microsatellite instability. *Nature Communications*, **2020**, 11, 1234	17.4	11
10	Genomic determinants of pathogenicity in SARS-CoV-2 and other human coronaviruses **2020**,		10
9	Prediction of the incubation period for COVID-19 and future virus disease outbreaks. *BMC Biology*, **2020**, 18, 186	7.3	10
8	Incorporating Machine Learning into Established Bioinformatics Frameworks. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	9

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7	A unique insert in the genomes of high-risk human papillomaviruses with a predicted dual role in conferring oncogenic risk. *F1000Research*, **2019**, 8, 1000	3.6	7
6	Data-Driven Metabolic Pathway Compositions Enhance Cancer Survival Prediction. *PLoS Computational Biology*, **2016**, 12, e1005125	5	6
5	Reply to: bIMPRES does not reproducibly predict response to immune checkpoint blockade therapy in metastatic melanomab. *Nature Medicine*, **2019**, 25, 1836-1838	50.5	5
4	Single-Cell-Derived Primary Rectal Carcinoma Cell Lines Reflect Intratumor Heterogeneity Associated with Treatment Response. *Clinical Cancer Research*, **2020**, 26, 3468-3480	12.9	5
3	Hard wiring of normal tissue-specific chromosome-wide gene expression levels is an additional factor driving cancer type-specific aneuploidies. *Genome Medicine*, **2021**, 13, 93	14.4	3
2	The GENDULF algorithm: mining transcriptomics to uncover modifier genes for monogenic diseases. *Molecular Systems Biology*, **2020**, 16, e9701	12.2	1
1	Identification of combinations of somatic mutations that predict cancer survival and immunotherapy benefit. *NAR Cancer*, **2021**, 3, zcab017	5.2	1