

# Noam Auslander

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3316835/publications.pdf>

Version: 2024-02-01

23  
papers

1,549  
citations

516710

16  
h-index

610901

24  
g-index

25  
all docs

25  
docs citations

25  
times ranked

3200  
citing authors

#	ARTICLE	IF	CITATIONS
1	Robust prediction of response to immune checkpoint blockade therapy in metastatic melanoma. <i>Nature Medicine</i> , 2018, 24, 1545-1549.	30.7	473
2	Genomic determinants of pathogenicity in SARS-CoV-2 and other human coronaviruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 15193-15199.	7.1	196
3	Urea Cycle Dysregulation Generates Clinically Relevant Genomic and Biochemical Signatures. <i>Cell</i> , 2018, 174, 1559-1570.e22.	28.9	183
4	Chemoradiotherapy Resistance in Colorectal Cancer Cells is Mediated by Wnt/ $\beta$ -catenin Signaling. <i>Molecular Cancer Research</i> , 2017, 15, 1481-1490.	3.4	105
5	Harnessing synthetic lethality to predict the response to cancer treatment. <i>Nature Communications</i> , 2018, 9, 2546.	12.8	97
6	Seeker: alignment-free identification of bacteriophage genomes by deep learning. <i>Nucleic Acids Research</i> , 2020, 48, e121-e121.	14.5	78
7	Co-targeting the tumor endothelium and P-selectin-expressing glioblastoma cells leads to a remarkable therapeutic outcome. <i>ELife</i> , 2017, 6, .	6.0	50
8	Incorporating Machine Learning into Established Bioinformatics Frameworks. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2903.	4.1	48
9	A joint analysis of transcriptomic and metabolomic data uncovers enhanced enzyme-metabolite coupling in breast cancer. <i>Scientific Reports</i> , 2016, 6, 29662.	3.3	43
10	An integrated computational and experimental study uncovers FUT9 as a metabolic driver of colorectal cancer. <i>Molecular Systems Biology</i> , 2017, 13, 956.	7.2	38
11	Pyruvium Pamoate Induces Death of Triple-Negative Breast Cancer Stem-Like Cells and Reduces Metastases through Effects on Lipid Anabolism. <i>Cancer Research</i> , 2020, 80, 4087-4102.	0.9	36
12	Predicting Complete Remission of Acute Myeloid Leukemia: Machine Learning Applied to Gene Expression. <i>Cancer Informatics</i> , 2019, 18, 117693511983554.	1.9	27
13	A unique insert in the genomes of high-risk human papillomaviruses with a predicted dual role in conferring oncogenic risk. <i>F1000Research</i> , 2019, 8, 1000.	1.6	27
14	Interplay between DNA damage repair and apoptosis shapes cancer evolution through aneuploidy and microsatellite instability. <i>Nature Communications</i> , 2020, 11, 1234.	12.8	23
15	In silico learning of tumor evolution through mutational time series. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 9501-9510.	7.1	18
16	Prediction of the incubation period for COVID-19 and future virus disease outbreaks. <i>BMC Biology</i> , 2020, 18, 186.	3.8	16
17	Reply to: "IMPRES does not reproducibly predict response to immune checkpoint blockade therapy in metastatic melanoma". <i>Nature Medicine</i> , 2019, 25, 1836-1838.	30.7	10
18	Hard wiring of normal tissue-specific chromosome-wide gene expression levels is an additional factor driving cancer type-specific aneuploidies. <i>Genome Medicine</i> , 2021, 13, 93.	8.2	10

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19	A unique insert in the genomes of high-risk human papillomaviruses with a predicted dual role in conferring oncogenic risk. F1000Research, 2019, 8, 1000.	1.6	10
20	Single-Cellâ€Derived Primary Rectal Carcinoma Cell Lines Reflect Intratumor Heterogeneity Associated with Treatment Response. Clinical Cancer Research, 2020, 26, 3468-3480.	7.0	9
21	Data-Driven Metabolic Pathway Compositions Enhance Cancer Survival Prediction. PLoS Computational Biology, 2016, 12, e1005125.	3.2	8
22	Identification of combinations of somatic mutations that predict cancer survival and immunotherapy benefit. NAR Cancer, 2021, 3, zcab017.	3.1	2
23	The GENDULF algorithm: mining transcriptomics to uncover modifier genes for monogenic diseases. Molecular Systems Biology, 2020, 16, e9701.	7.2	2