

# Ravid Strausmman

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

9,493  
citations

257450

24  
h-index

434195

31  
g-index

32  
all docs

32  
docs citations

32  
times ranked

14249  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tumour micro-environment elicits innate resistance to RAF inhibitors through HGF secretion. <i>Nature</i> , 2012, 487, 500-504.	27.8	1,561
2	The human tumor microbiome is composed of tumor type-specific intracellular bacteria. <i>Science</i> , 2020, 368, 973-980.	12.6	1,077
3	Polycomb-mediated methylation on Lys27 of histone H3 pre-marks genes for de novo methylation in cancer. <i>Nature Genetics</i> , 2007, 39, 232-236.	21.4	1,062
4	Potential role of intratumor bacteria in mediating tumor resistance to the chemotherapeutic drug gemcitabine. <i>Science</i> , 2017, 357, 1156-1160.	12.6	1,059
5	Widespread Genetic Heterogeneity in Multiple Myeloma: Implications for Targeted Therapy. <i>Cancer Cell</i> , 2014, 25, 91-101.	16.8	847
6	Tumor Microbiome Diversity and Composition Influence Pancreatic Cancer Outcomes. <i>Cell</i> , 2019, 178, 795-806.e12.	28.9	830
7	The microbiome and human cancer. <i>Science</i> , 2021, 371, .	12.6	506
8	A Melanoma Cell State Distinction Influences Sensitivity to MAPK Pathway Inhibitors. <i>Cancer Discovery</i> , 2014, 4, 816-827.	9.4	448
9	Dietary fiber and probiotics influence the gut microbiome and melanoma immunotherapy response. <i>Science</i> , 2021, 374, 1632-1640.	12.6	369
10	Developmental programming of CpG island methylation profiles in the human genome. <i>Nature Structural and Molecular Biology</i> , 2009, 16, 564-571.	8.2	345
11	Breast cancer colonization by <i>Fusobacterium nucleatum</i> accelerates tumor growth and metastatic progression. <i>Nature Communications</i> , 2020, 11, 3259.	12.8	265
12	Microbiome and cancer. <i>Cancer Cell</i> , 2021, 39, 1317-1341.	16.8	199
13	Identification of bacteria-derived HLA-bound peptides in melanoma. <i>Nature</i> , 2021, 592, 138-143.	27.8	187
14	Microbial exposure during early human development primes fetal immune cells. <i>Cell</i> , 2021, 184, 3394-3409.e20.	28.9	141
15	High-Throughput Screen Identifies Host and Microbiota Regulators of Intestinal Barrier Function. <i>Gastroenterology</i> , 2020, 159, 1807-1823.	1.3	102
16	Therapeutically targeting tumor microenvironment-mediated drug resistance in estrogen receptor-positive breast cancer. <i>Journal of Experimental Medicine</i> , 2018, 215, 895-910.	8.5	63
17	<i>TP53</i> missense mutations in PDAC are associated with enhanced fibrosis and an immunosuppressive microenvironment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	57
18	Molecular Rules Governing <i>De Novo</i> Methylation in Cancer. <i>Cancer Research</i> , 2014, 74, 1475-1483.	0.9	55

#	ARTICLE	IF	CITATIONS
19	Predicting and affecting response to cancer therapy based on pathway-level biomarkers. <i>Nature Communications</i> , 2020, 11, 3296.	12.8	55
20	Skip Residues and Charge Interactions in Myosin II Coiled-coils: Implications for Molecular Packing. <i>Journal of Molecular Biology</i> , 2005, 353, 613-628.	4.2	43
21	Intratumoral bacteria may elicit chemoresistance by metabolizing anticancer agents. <i>Molecular and Cellular Oncology</i> , 2018, 5, e1405139.	0.7	42
22	Kinking the Coiled Coil “Negatively Charged Residues at the Coiled-coil Interface. <i>Journal of Molecular Biology</i> , 2007, 366, 1232-1242.	4.2	39
23	MHC-IIB Filament Assembly and Cellular Localization Are Governed by the Rod Net Charge. <i>PLoS ONE</i> , 2008, 3, e1496.	2.5	27
24	Adjuvant Autologous Melanoma Vaccine for Macroscopic Stage III Disease: Survival, Biomarkers, and Improved Response to CTLA-4 Blockade. <i>Journal of Immunology Research</i> , 2016, 2016, 1-12.	2.2	25
25	Ex vivo organotypic cultures for synergistic therapy prioritization identify patient-specific responses to combined MEK and Src inhibition in colorectal cancer. <i>Nature Cancer</i> , 2022, 3, 219-231.	13.2	24
26	Characterization of the human tumor microbiome reveals tumor-type specific intra-cellular bacteria. <i>Oncolmmunology</i> , 2020, 9, 1800957.	4.6	23
27	Cytokine sensitivity screening highlights BMP4 pathway signaling as a therapeutic opportunity in ER + breast cancer. <i>FASEB Journal</i> , 2019, 33, 1644-1657.	0.5	13
28	Ev vivo organ culture as potential prioritization tool for breast cancer targeted therapy. <i>Cancer Biology and Therapy</i> , 2018, 19, 645-648.	3.4	9
29	IRS1 phosphorylation underlies the non-stochastic probability of cancer cells to persist during EGFR inhibition therapy. <i>Nature Cancer</i> , 2021, 2, 1055-1070.	13.2	9
30	Visual barcodes for clonal-multiplexing of live microscopy-based assays. <i>Nature Communications</i> , 2022, 13, 2725.	12.8	7
31	Cooperativity between stromal cytokines drives the invasive migration of human breast cancer cells. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180231.	4.0	3