

# Tal Danino

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

5,228  
citations

331670

21  
h-index

477307

29  
g-index

40  
all docs

40  
docs citations

40  
times ranked

6014  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancing the tropism of bacteria via genetically programmed biosensors. <i>Nature Biomedical Engineering</i> , 2022, 6, 94-104.	22.5	56
2	Bacterial couriers as cancer vaccines. <i>Nature Biomedical Engineering</i> , 2022, 6, 3-5.	22.5	3
3	Reimagining cancer research with art. <i>Nature Reviews Cancer</i> , 2022, , .	28.4	0
4	The Origin and Contribution of Cancer-Associated Fibroblasts in Colorectal Carcinogenesis. <i>Gastroenterology</i> , 2022, 162, 890-906.	1.3	63
5	A programmable encapsulation system improves delivery of therapeutic bacteria in mice. <i>Nature Biotechnology</i> , 2022, 40, 1259-1269.	17.5	89
6	CAR-T cells SEAK help from enzymes. <i>Nature Chemical Biology</i> , 2022, 18, 122-123.	8.0	4
7	Engineered Bacterial Production of Volatile Methyl Salicylate. <i>ACS Synthetic Biology</i> , 2021, 10, 204-208.	3.8	5
8	Quantitative measurements of early alphaviral replication dynamics in single cells reveals the basis for superinfection exclusion. <i>Cell Systems</i> , 2021, 12, 210-219.e3.	6.2	10
9	Engineered probiotics for local tumor delivery of checkpoint blockade nanobodies. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	260
10	Engineered Probiotics for Detection and Treatment of Inflammatory Intestinal Diseases. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 265.	4.1	51
11	Programmable bacteria induce durable tumor regression and systemic antitumor immunity. <i>Nature Medicine</i> , 2019, 25, 1057-1063.	30.7	342
12	Rapid screening of engineered microbial therapies in a 3D multicellular model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 9002-9007.	7.1	30
13	Two New Plasmid Post-segregational Killing Mechanisms for the Implementation of Synthetic Gene Networks in <i>Escherichia coli</i> . <i>Science</i> , 2019, 14, 323-334.	4.1	41
14	Engineering bacteria for cancer therapy. <i>Emerging Topics in Life Sciences</i> , 2019, 3, 623-629.	2.6	11
15	Synthetic Biology and Engineered Live Biotherapeutics: Toward Increasing System Complexity. <i>Cell Systems</i> , 2018, 7, 5-16.	6.2	107
16	Advances in bacterial cancer therapies using synthetic biology. <i>Current Opinion in Systems Biology</i> , 2017, 5, 1-8.	2.6	68
17	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
18	Spatial Control of Bacteria Using Screen Printing. <i>3D Printing and Additive Manufacturing</i> , 2016, 3, 194-203.	2.9	6

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19	Synchronized cycles of bacterial lysis for in vivo delivery. <i>Nature</i> , 2016, 536, 81-85.	27.8	487
20	Programmable probiotics for detection of cancer in urine. <i>Science Translational Medicine</i> , 2015, 7, 289ra84.	12.4	326
21	Hepatitis C Virus RNA Functionally Sequesters miR-122. <i>Cell</i> , 2015, 160, 1099-1110.	28.9	324
22	Measuring Growth and Gene Expression Dynamics of Tumor-Targeted <i>S. Typhimurium</i> Bacteria. <i>Journal of Visualized Experiments</i> , 2013, , e50540.	0.3	15
23	Genetic Circuits in <i>Salmonella typhimurium</i> . <i>ACS Synthetic Biology</i> , 2012, 1, 458-464.	3.8	37
24	<i>In Vivo</i> Gene Expression Dynamics of Tumor-Targeted Bacteria. <i>ACS Synthetic Biology</i> , 2012, 1, 465-470.	3.8	48
25	A sensing array of radically coupled genetic "biopixels". <i>Nature</i> , 2012, 481, 39-44.	27.8	351
26	Entrainment of a Population of Synthetic Genetic Oscillators. <i>Science</i> , 2011, 333, 1315-1319.	12.6	222
27	In-Silico Patterning of Vascular Mesenchymal Cells in Three Dimensions. <i>PLoS ONE</i> , 2011, 6, e20182.	2.5	9
28	Queueing up for enzymatic processing: correlated signaling through coupled degradation. <i>Molecular Systems Biology</i> , 2011, 7, 561.	7.2	170
29	A synchronized quorum of genetic clocks. <i>Nature</i> , 2010, 463, 326-330.	27.8	916
30	Streaming Instability in Growing Cell Populations. <i>Physical Review Letters</i> , 2010, 104, 208101.	7.8	92