

Tal Danino

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8480426/publications.pdf>

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	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
2	A synchronized quorum of genetic clocks. <i>Nature</i> , 2010, 463, 326-330.	27.8	916
3	Synchronized cycles of bacterial lysis for in vivo delivery. <i>Nature</i> , 2016, 536, 81-85.	27.8	487
4	A sensing array of radically coupled genetic "biopixels"™. <i>Nature</i> , 2012, 481, 39-44.	27.8	351
5	Programmable bacteria induce durable tumor regression and systemic antitumor immunity. <i>Nature Medicine</i> , 2019, 25, 1057-1063.	30.7	342
6	Programmable probiotics for detection of cancer in urine. <i>Science Translational Medicine</i> , 2015, 7, 289ra84.	12.4	326
7	Hepatitis C Virus RNA Functionally Sequesters miR-122. <i>Cell</i> , 2015, 160, 1099-1110.	28.9	324
8	Engineered probiotics for local tumor delivery of checkpoint blockade nanobodies. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	260
9	Entrainment of a Population of Synthetic Genetic Oscillators. <i>Science</i> , 2011, 333, 1315-1319.	12.6	222
10	Queueing up for enzymatic processing: correlated signaling through coupled degradation. <i>Molecular Systems Biology</i> , 2011, 7, 561.	7.2	170
11	Synthetic Biology and Engineered Live Biotherapeutics: Toward Increasing System Complexity. <i>Cell Systems</i> , 2018, 7, 5-16.	6.2	107
12	Streaming Instability in Growing Cell Populations. <i>Physical Review Letters</i> , 2010, 104, 208101.	7.8	92
13	A programmable encapsulation system improves delivery of therapeutic bacteria in mice. <i>Nature Biotechnology</i> , 2022, 40, 1259-1269.	17.5	89
14	Advances in bacterial cancer therapies using synthetic biology. <i>Current Opinion in Systems Biology</i> , 2017, 5, 1-8.	2.6	68
15	The Origin and Contribution of Cancer-Associated Fibroblasts in Colorectal Carcinogenesis. <i>Gastroenterology</i> , 2022, 162, 890-906.	1.3	63
16	Enhancing the tropism of bacteria via genetically programmed biosensors. <i>Nature Biomedical Engineering</i> , 2022, 6, 94-104.	22.5	56
17	Engineered Probiotics for Detection and Treatment of Inflammatory Intestinal Diseases. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 265.	4.1	51
18	<i>In Vivo</i> Gene Expression Dynamics of Tumor-Targeted Bacteria. <i>ACS Synthetic Biology</i> , 2012, 1, 465-470.	3.8	48

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19	Two New Plasmid Post-segregational Killing Mechanisms for the Implementation of Synthetic Gene Networks in <i>Escherichia coli</i> . <i>IScience</i> , 2019, 14, 323-334.	4.1	41
20	Genetic Circuits in <i>Salmonella typhimurium</i> . <i>ACS Synthetic Biology</i> , 2012, 1, 458-464.	3.8	37
21	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
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	Engineering bacteria for cancer therapy. <i>Emerging Topics in Life Sciences</i> , 2019, 3, 623-629.	2.6	11
24	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
25	In-Silico Patterning of Vascular Mesenchymal Cells in Three Dimensions. <i>PLoS ONE</i> , 2011, 6, e20182.	2.5	9
26	Spatial Control of Bacteria Using Screen Printing. <i>3D Printing and Additive Manufacturing</i> , 2016, 3, 194-203.	2.9	6
27	Engineered Bacterial Production of Volatile Methyl Salicylate. <i>ACS Synthetic Biology</i> , 2021, 10, 204-208.	3.8	5
28	CAR-T cells SEAK help from enzymes. <i>Nature Chemical Biology</i> , 2022, 18, 122-123.	8.0	4
29	Bacterial couriers as cancer vaccines. <i>Nature Biomedical Engineering</i> , 2022, 6, 3-5.	22.5	3
30	Reimagining cancer research with art. <i>Nature Reviews Cancer</i> , 2022, , .	28.4	0