

# Mark Robertson-Tessi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7249621/publications.pdf>

Version: 2024-02-01

24  
papers

1,431  
citations

471509

17  
h-index

610901

24  
g-index

47  
all docs

47  
docs citations

47  
times ranked

1929  
citing authors

#	ARTICLE	IF	CITATIONS
1	Roadmap on plasticity and epigenetics in cancer. <i>Physical Biology</i> , 2022, 19, 031501.	1.8	8
2	Fluctuating methylation clocks for cell lineage tracing at high temporal resolution in human tissues. <i>Nature Biotechnology</i> , 2022, 40, 720-730.	17.5	22
3	Immunosuppressive niche engineering at the onset of human colorectal cancer. <i>Nature Communications</i> , 2022, 13, 1798.	12.8	19
4	Spatial structure impacts adaptive therapy by shaping intra-tumoral competition. <i>Communications Medicine</i> , 2022, 2, .	4.2	26
5	Turnover Modulates the Need for a Cost of Resistance in Adaptive Therapy. <i>Cancer Research</i> , 2021, 81, 1135-1147.	0.9	71
6	The harsh microenvironment in early breast cancer selects for a Warburg phenotype. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	78
7	Normal tissue architecture determines the evolutionary course of cancer. <i>Nature Communications</i> , 2021, 12, 2060.	12.8	54
8	The role of memory in non-genetic inheritance and its impact on cancer treatment resistance. <i>PLoS Computational Biology</i> , 2021, 17, e1009348.	3.2	11
9	Searching for Goldilocks: How Evolution and Ecology Can Help Uncover More Effective Patient-Specific Chemotherapies. <i>Cancer Research</i> , 2020, 80, 5147-5154.	0.9	11
10	Evolutionary dynamics of neoantigens in growing tumors. <i>Nature Genetics</i> , 2020, 52, 1057-1066.	21.4	68
11	Hybrid Automata Library: A flexible platform for hybrid modeling with real-time visualization. <i>PLoS Computational Biology</i> , 2020, 16, e1007635.	3.2	68
12	Acidity promotes tumour progression by altering macrophage phenotype in prostate cancer. <i>British Journal of Cancer</i> , 2019, 121, 556-566.	6.4	86
13	The Goldilocks Window of Personalized Chemotherapy: Getting the Immune Response Just Right. <i>Cancer Research</i> , 2019, 79, 5302-5315.	0.9	38
14	The Immune Checkpoint Kick Start: Optimization of Neoadjuvant Combination Therapy Using Game Theory. <i>JCO Clinical Cancer Informatics</i> , 2019, 3, 1-12.	2.1	22
15	Model genotypeâ€“phenotype mappings and the algorithmic structure of evolution. <i>Journal of the Royal Society Interface</i> , 2019, 16, 20190332.	3.4	28
16	Defining Cancer Subpopulations by Adaptive Strategies Rather Than Molecular Properties Provides Novel Insights into Intratumoral Evolution. <i>Cancer Research</i> , 2017, 77, 2242-2254.	0.9	110
17	Systematic Screening of Chemokines to Identify Candidates to Model and Create Ectopic Lymph Node Structures for Cancer Immunotherapy. <i>Scientific Reports</i> , 2017, 7, 15996.	3.3	19
18	Stochasticity in the Genotype-Phenotype Map: Implications for the Robustness and Persistence of Bet-Hedging. <i>Genetics</i> , 2016, 204, 1523-1539.	2.9	39

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19	Abscopal Benefits of Localized Radiotherapy Depend on Activated T-cell Trafficking and Distribution between Metastatic Lesions. <i>Cancer Research</i> , 2016, 76, 1009-1018.	0.9	103
20	Big Bang and context-driven collapse. <i>Nature Genetics</i> , 2015, 47, 196-197.	21.4	20
21	A model for effects of adaptive immunity on tumor response to chemotherapy and chemoimmunotherapy. <i>Journal of Theoretical Biology</i> , 2015, 380, 569-584.	1.7	24
22	Impact of Metabolic Heterogeneity on Tumor Growth, Invasion, and Treatment Outcomes. <i>Cancer Research</i> , 2015, 75, 1567-1579.	0.9	256
23	The Role of Toll-Like Receptors in Colorectal Cancer Progression: Evidence for Epithelial to Leucocytic Transition. <i>Frontiers in Immunology</i> , 2014, 5, 429.	4.8	31
24	A mathematical model of tumor-immune interactions. <i>Journal of Theoretical Biology</i> , 2012, 294, 56-73.	1.7	136