

# CITATION REPORT

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**Prostate-specific antigen dynamics predict individual responses to intermittent androgen deprivation**

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#	Paper	IF	Citations
52	P-Glycoprotein: One Mechanism, Many Tasks and the Consequences for Pharmacotherapy of Cancers. <i>Frontiers in Oncology</i> , <b>2020</b> , 10, 576559	5.3	19
51	Integrating Quantitative Assays with Biologically Based Mathematical Modeling for Predictive Oncology. <i>IScience</i> , <b>2020</b> , 23, 101807	6.1	8
50	Interrogating the microenvironmental landscape of tumors with computational image analysis approaches. <i>Seminars in Immunology</i> , <b>2020</b> , 48, 101411	10.7	0
49	Are all models wrong?. <i>Computational and Systems Oncology</i> , <b>2020</b> , 1, e1008	1	6
48	Intermittent radiotherapy as alternative treatment for recurrent high grade glioma: A modelling study based on longitudinal tumor measurements.		1
47	Adaptive Therapy for Metastatic Melanoma: Predictions from Patient Calibrated Mathematical Models. <i>Cancers</i> , <b>2021</b> , 13,	6.6	9
46	MATHEMATICAL CHARACTERIZATION OF HETEROGENEITY IN A CANCER STEM CELL DRIVEN TUMOR GROWTH MODEL WITH NONLINEAR SELF-RENEWAL. <i>Journal of Biological Systems</i> , <b>2021</b> , 29, 27-48	1.6	
45	Relating prostate-specific antigen leakage with vascular tumor growth in a mathematical model of prostate cancer response to androgen deprivation. <i>Computational and Systems Oncology</i> , <b>2021</b> , 1, e1014 <sup>1</sup>		2
44	The roles of T cell competition and stochastic extinction events in chimeric antigen receptor T cell therapy. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2021</b> , 288, 20210229	4.4	2
43	A Quantitative Paradigm for Decision-Making in Precision Oncology. <i>Trends in Cancer</i> , <b>2021</b> , 7, 293-300	12.5	2
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41	Quantification of long-term doxorubicin response dynamics in breast cancer cell lines to direct treatment schedules.		1
40	Targeting Cellular DNA Damage Responses in Cancer: An In Vitro-Calibrated Agent-Based Model Simulating Monolayer and Spheroid Treatment Responses to ATR-Inhibiting Drugs. <i>Bulletin of Mathematical Biology</i> , <b>2021</b> , 83, 103	2.1	0
39	Predicting prognosis in acute myeloid leukemia patients by surface-enhanced Raman spectroscopy. <i>Nanomedicine</i> , <b>2021</b> , 16, 1873-1885	5.6	1
38	Predicting patient-specific response to adaptive therapy in metastatic castration-resistant prostate cancer using prostate-specific antigen dynamics. <i>Neoplasia</i> , <b>2021</b> , 23, 851-858	6.4	1
37	GraphSynergy: a network-inspired deep learning model for anticancer drug combination prediction. <i>Journal of the American Medical Informatics Association: JAMIA</i> , <b>2021</b> , 28, 2336-2345	8.6	2
36	Integrating transcriptomics and bulk time course data into a mathematical framework to describe and predict therapeutic resistance in cancer. <i>Physical Biology</i> , <b>2020</b> , 18, 016001	3	8

35	Spatial structure impacts adaptive therapy by shaping intra-tumoral competition.		4
34	Circulating cell-free nucleic acids as prognostic and therapy predictive tools for metastatic castrate-resistant prostate cancer. <i>World Journal of Clinical Oncology</i> , <b>2020</b> , 11, 450-463	2.5	1
33	Intermittent radiotherapy as alternative treatment for recurrent high grade glioma: a modeling study based on longitudinal tumor measurements. <i>Scientific Reports</i> , <b>2021</b> , 11, 20219	4.9	0
32	A model for the intrinsic limit of cancer therapy: duality of treatment-induced cell death and treatment-induced stemness.		
31	Targeting cellular DNA damage responses in cancer: An in vitro-calibrated agent-based model simulating monolayer and spheroid treatment responses to ATR-inhibiting drugs.		
30	Understanding the potential benefits of adaptive therapy for metastatic melanoma.		1
29	Understanding and targeting prostate cancer cell heterogeneity and plasticity. <i>Seminars in Cancer Biology</i> , <b>2021</b> ,	12.7	0
28	Intermittent Hormone Therapy Models Analysis and Bayesian Model Comparison for Prostate Cancer. <i>Bulletin of Mathematical Biology</i> , <b>2021</b> , 84, 2	2.1	0
27	Mathematical oncology: A new frontier in cancer biology and clinical decision making: Comment on "Improving cancer treatments via dynamical biophysical models" by M. Kuznetsov, J. Clairambault & V. Volpert. <i>Physics of Life Reviews</i> , <b>2021</b> ,	2.1	1
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25	Optimizing the future: how mathematical models inform treatment schedules for cancer.. <i>Trends in Cancer</i> , <b>2022</b> ,	12.5	1
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23	Patient-specific forecasting of post-radiotherapy prostate-specific antigen kinetics enables early prediction of biochemical relapse.		
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16	High accuracy indicators of androgen suppression therapy failure for prostate cancer $\square$ modeling study.		0
15	Combining Androgen Deprivation and Immunotherapy in Prostate Cancer Treatment: A Mechanistic Approach. <i>Applied Sciences (Switzerland)</i> , <b>2022</b> , 12, 6954	2.6	0
14	A model for the intrinsic limit of cancer therapy: Duality of treatment-induced cell death and treatment-induced stemness. <b>2022</b> , 18, e1010319		1
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3	Feasibility of an Evolutionary Tumor Board for Generating Novel Personalized Therapeutic Strategies.		0
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