

# Antonio BrÃ³

## List of Publications by Year in descending order

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25  
papers

956  
citations

759233

12  
h-index

642732

23  
g-index

26  
all docs

26  
docs citations

26  
times ranked

923  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antitumoral effect of maintained neutrophilia induced by rhG-CSF in a murine model of pancreatic cancer. <i>Scientific Reports</i> , 2019, 9, 2879.	3.3	2
2	An extended Moran process that captures the struggle for fitness. <i>Mathematical Biosciences</i> , 2019, 308, 81-104.	1.9	5
3	Study of tumor growth indicates the existence of an "immunological threshold" separating states of pro- and antitumoral peritumoral inflammation. <i>PLoS ONE</i> , 2018, 13, e0202823.	2.5	1
4	Visibility to discern local from nonlocal dynamic processes. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2017, 471, 718-723.	2.6	3
5	Tumor Growth in the Brain: Complexity and Fractality. <i>Springer Series in Computational Neuroscience</i> , 2016, , 351-369.	0.3	5
6	Scaling in complex systems: a link between the dynamics of networks and growing interfaces. <i>Scientific Reports</i> , 2014, 4, 7550.	3.3	13
7	Polymorphonuclear neutrophils and cancer: Intense and sustained neutrophilia as a treatment against solid tumors. <i>Medicinal Research Reviews</i> , 2011, 31, 311-363.	10.5	78
8	Mathematical Modeling of Tuberculosis Bacillary Counts and Cellular Populations in the Organs of Infected Mice. <i>PLoS ONE</i> , 2010, 5, e12985.	2.5	39
9	Tumour Cell Lines HT-29 and FaDu Produce Proinflammatory Cytokines and Activate Neutrophils In Vitro: Possible Applications for Neutrophil-Based Antitumour Treatment. <i>Mediators of Inflammation</i> , 2009, 2009, 1-13.	3.0	16
10	Fractal analysis and tumour growth. <i>Mathematical and Computer Modelling</i> , 2008, 47, 546-559.	2.0	22
11	Re: Clinical and Immunological Characteristics of Patients With Serologic Progression of Prostate Cancer Achieving Long-Term Disease Control With Granulocyte-Macrophage Colony-Stimulating Factor. <i>Journal of Urology</i> , 2007, 177, 1585-1586.	0.4	0
12	Position-dependent expression of GADD45 $\beta$ in rat brain tumours. <i>Medical Oncology</i> , 2007, 24, 436-444.	2.5	3
13	Experimental characterization of hydration and pinning in bentonite clay, a swelling, heterogeneous, porous medium. <i>Geoderma</i> , 2006, 134, 295-305.	5.1	15
14	The effect of pressure on the growth of tumour cell colonies. <i>Journal of Theoretical Biology</i> , 2006, 243, 171-180.	1.7	18
15	FROM THE PHYSICAL LAWS OF TUMOR GROWTH TO MODELLING CANCER PROCESSES. <i>Mathematical Models and Methods in Applied Sciences</i> , 2006, 16, 1199-1218.	3.3	20
16	Reply to Comments by Buceta and Galeano Regarding the Article "The Universal Dynamics of Tumor Growth". <i>Biophysical Journal</i> , 2005, 88, 3737-3738.	0.5	8
17	Pinning of Tumoral Growth by Enhancement of the Immune Response. <i>Physical Review Letters</i> , 2004, 92, 238101.	7.8	65
18	The Universal Dynamics of Tumor Growth. <i>Biophysical Journal</i> , 2003, 85, 2948-2961.	0.5	343

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19	Anomalous scaling of multivalued interfaces. Europhysics Letters, 2003, 64, 620-626.	2.0	7
20	Super-Rough Dynamics on Tumor Growth. Physical Review Letters, 1998, 81, 4008-4011.	7.8	193
21	Long and intermediate time regimes in diffusion-limited reactions with imperfect trapping. Chaos, Solitons and Fractals, 1995, 6, 575-584.	5.1	8
22	Diffusion-controlled bimolecular reactions: Long- and intermediate-time regimes with imperfect trapping within a Galanin approach. Physical Review E, 1993, 48, 829-836.	2.1	28
23	Design of a modified uniform redundant-array mask for portable gamma cameras. Applied Optics, 1992, 31, 4742.	2.1	4
24	Computer simulations of the behaviour of the partial charge collection model in thick HgI <sub>2</sub> $\beta$ -detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1991, 302, 91-104.	1.6	7
25	A new approach to automatic radiation spectrum analysis. IEEE Transactions on Nuclear Science, 1991, 38, 971-975.	2.0	53