Paulo F A Mancera

List of Publications by Year
in descending order

37	226	1039880 9	1058333 14
papers	citations	h-index	g-index

37	37	37	231
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Modelo teÃ³rico e experimental da reciclagem do Carbono-13 em tecidos de mamÃíferos e aves. Scientia Agricola, 2002, 59, 29-33.	0.6	32
2	A mathematical model for chemoimmunotherapy of chronic lymphocytic leukemia. Applied Mathematics and Computation, 2019, 349, 118-133.	1.4	22
3	Population dynamics of Lucilia eximia (Dipt., Calliphoridae). Journal of Applied Entomology, 2003, 127, 2-6.	0.8	17
4	Multichannel AC Biosusceptometry System to Map Biodistribution and Assess the Pharmacokinetic Profile of Magnetic Nanoparticles by Imaging. IEEE Transactions on Nanobioscience, 2019, 18, 456-462.	2.2	15
5	Stochastic dynamics in exotic and native blowflies: an analysis combining laboratory experiments and a two-patch metapopulation model. Ecological Research, 2007, 22, 686-695.	0.7	13
6	Unexpected behavior of Caputo fractional derivative. Computational and Applied Mathematics, 2017, 36, 1173-1183.	1.3	13
7	A study of a numerical solution of the steady two dimensions Navierâ€“Stokes equations in a constricted channel problem by a compact fourth order method. Applied Mathematics and Computation, 2003, 146, 771-790.	1.4	12
8	Mathematical models applied to thyroid cancer. Biophysical Reviews, 2019, 11, 183-189.	1.5	11
9	Maternal Passive Immunity and Dengue Hemorrhagic Fever in Infants. Bulletin of Mathematical Biology, 2020, 82, 24.	0.9	10
10	Mathematical analysis and simulations involving chemotherapy and surgeryon large human tumours under a suitable cell-kill functional response. Mathematical Biosciences and Engineering, 2013, 10, 221-234.	1.0	10
11	Understanding the antiangiogenic effect of metronomic chemotherapy through a simple mathematical model. Physica A: Statistical Mechanics and Its Applications, 2016, 464, 251-266.	1.2	8
12	Stability analysis and numerical simulations via fractional calculus for tumor dormancy models. Communications in Nonlinear Science and Numerical Simulation, 2019, 72, 528-543.	1.7	7
13	Population dynamics of Musca domestica (Diptera: Muscidae): experimental and theoretical studies at different temperatures. Brazilian Archives of Biology and Technology, 2004, 47, 775-783.	0.5	6
14	Modelling the lethargic crab disease. Journal of Biological Dynamics, 2009, 3, 620-634.	0.8	6
15	Traveling waves in the Lethargic Crab Disease. Applied Mathematics and Computation, 2012, 218, 9898-9910.	1.4	6
16	Sliding mode control in a mathematical model to chemoimmunotherapy: The occurrence of typical singularities. Applied Mathematics and Computation, 2020, 387, 124782.	1.4	6
17	Um modelo matemÃ¡tico em quimioterapia. TeMa, 2012, 13, 01-12.	0.1	6
18	Evaluating the efficacies of Maximum Tolerated Dose and metronomic chemotherapies: A mathematical approach. Physica A: Statistical Mechanics and Its Applications, 2016, 456, 145-156.	1.2	4

#	Article	IF	Citations
19	A MATHEMATICAL MODEL FOR TREATMENT OF PAPILLARY THYROID CANCER USING THE ALLEE EFFECT. Journal of Biological Systems, 2020, 28, 701-718.	0.5	4
20	Some experiments with high order compact methods using a computer algebra softwareâ€"Part II (non-uniform grid). Applied Mathematics and Computation, 2006, 180, 233-241.	1.4	3
21	Mathematical model of an antiretroviral therapy to HIV via Filippov theory. Applied Mathematics and Computation, 2020, 387, 125179.	1.4	3
22	A fractional calculus model for HIV dynamics: real data, parameter estimation and computational strategies. Chaos, Solitons and Fractals, 2021, 152, 111398.	2.5	3
23	Application of a bounded upwinding scheme to complex fluid dynamics problems. Mathematical and Computer Modelling, 2013, 57, 435-459.	2.0	2
24	Dynamics of tumor growth: chemotherapy and integrative oncology. Computational and Applied Mathematics, 2020, 39, 1.	1.0	2
25	Mathematical modelling, parameter estimation and computational simulation for skin wound healing under Copaiferalangsdorffi treatments. Computer Methods and Programs in Biomedicine, 2021, 199, 105915.	2.6	2
26	Some experiments with high order compact methods using a computer algebra softwareâ€"Part I. Applied Mathematics and Computation, 2006, 174, 775-794.	1.4	1
27	Um modelo matemÃ¡tico de cÃ¢ncer com quimioterapia e imunoterapia. , 0, , .		1
28	A Mathematical Model for Accessing Dengue Hemorrhagic Fever in Infants. Trends in Computational and Applied Mathematics, 2022, 23, 101-115.	0.2	1
29	Focus Issue: CNMAC 2014. Computational and Applied Mathematics, 2017, 36, 1143-1144.	1.3	0
30	Modelo matemÃ¡tico de tratamento de cÃ¢ncer via quimioterapia em ciclos. , 0, , .		0
31	Modelo matemÃ¡tico simples de angiogÃªnese tumoral com protocolos de quimioterapia. , 0, , .		0
32	Modelos Clàssicos e Fracionàrios de Gompertz e Bertalanffy. , 0, , .		0
33	Mètodo da Transformada Diferencial na Aplicaçàƒo do Càlculo Fracionàrio em Dinà¸mica Tumoral. , 0, , .		0
34	MÃ©todo da transformada diferencial generalizada no modelo fracionÃ¡rio de Malthus. CQD Revista EletrÃ´nica Paulista De MatemÃ¡tica, 0, 10, 68-78.	0.0	0
35	Aplicabilidade do MÃ©todo da Transformada Diferencial na Modelagem FracionÃ¡ria. , 0, , .		0
36	Um Modelo Matemàtico Fracionàrio de Viroterapia no Tratamento de Tumores Agressivos. , 0, , .		0

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37	THE EFFECT OF LENVATINIB AND PEMBROLIZUMAB ON THYROID CANCER REFRACTORY TO IODINE 131I SIMULATED BY MATHEMATICAL MODELING. Journal of Biological Systems, 0, , 1-20.	0.5	0