

Armando G M Neves

List of Publications by Year in descending order

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16
papers

120
citations

1478505

6
h-index

1281871

11
g-index

17
all docs

17
docs citations

17
times ranked

128
citing authors

#	ARTICLE	IF	CITATIONS
1	Predicting the evolution of the COVID-19 epidemic with the A-SIR model: Lombardy, Italy and São Paulo state, Brazil. <i>Physica D: Nonlinear Phenomena</i> , 2020, 413, 132693.	2.8	46
2	Fixation probabilities for the Moran process with three or more strategies: general and coupling results. <i>Journal of Mathematical Biology</i> , 2020, 81, 277-314.	1.9	7
3	Fixation probabilities for the Moran process in evolutionary games with two strategies: graph shapes and large population asymptotics. <i>Journal of Mathematical Biology</i> , 2019, 78, 1033-1065.	1.9	8
4	Evolution of cooperation in a particular case of the infinitely repeated prisoner's dilemma with three strategies. <i>Journal of Mathematical Biology</i> , 2016, 73, 1665-1690.	1.9	6
5	Extremely Rare Interbreeding Events Can Explain Neanderthal DNA in Living Humans. <i>PLoS ONE</i> , 2012, 7, e47076.	2.5	15
6	INTERBREEDING CONDITIONS FOR EXPLAINING NEANDERTHAL DNA IN LIVING HUMANS: THE NONNEUTRAL CASE. , 2012, , 345-360.		0
7	Some Rigorous Results on the Eigen Quasispecies Model with a Periodically Moving Sharp-Peak Landscape. <i>Journal of Nonlinear Mathematical Physics</i> , 2011, 18, 359.	1.3	0
8	On the Residual Entropy of the BEG Model at the Antiquadrupolar-Ferromagnetic Coexistence Line. <i>Journal of Statistical Physics</i> , 2011, 144, 749-758.	1.2	4
9	Detailed analysis of an Eigen quasispecies model in a periodically moving sharp-peak landscape. <i>Physical Review E</i> , 2010, 82, 031915.	2.1	7
10	Eigenmodes and eigenfrequencies of vibrating elliptic membranes: a Klein oscillation theorem and numerical calculations. <i>Communications on Pure and Applied Analysis</i> , 2010, 9, 611-624.	0.8	9
11	THE NUMBER OF GENERATIONS BETWEEN BRANCHING EVENTS IN A GALTON-WATSON TREE AND ITS APPLICATION TO HUMAN MITOCHONDRIAL DNA EVOLUTION. , 2007, , .		1
12	Applications of the Galton-Watson process to human DNA evolution and demography. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2006, 368, 132-146.	2.6	8
13	THE MITOCHONDRIAL EVE IN AN EXPONENTIALLY GROWING POPULATION AND A CRITIQUE TO THE OUT OF AFRICA MODEL FOR HUMAN EVOLUTION. , 2006, , .		1
14	Upper and lower bounds on Mathieu characteristic numbers of integer orders. <i>Communications on Pure and Applied Analysis</i> , 2004, 3, 447-464.	0.8	2
15	Coulomb interaction symmetries and the Mayer series in the two-dimensional dipole gas. <i>Journal of Statistical Physics</i> , 1997, 87, 877-889.	1.2	2
16	Biomatemática: que mistura é essa?. <i>Ciência E Natura</i> , 0, 42, e55.	0.0	0