

Armando G M Neves

List of Publications by Year in descending order

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Version: 2024-02-01

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 | Extremely Rare Interbreeding Events Can Explain Neanderthal DNA in Living Humans. <i>PLoS ONE</i> , 2012, 7, e47076. | 2.5 | 15 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | THE MITOCHONDRIAL EVE IN AN EXPONENTIALLY GROWING POPULATION AND A CRITIQUE TO THE OUT OF AFRICA MODEL FOR HUMAN EVOLUTION. , 2006, , . | | 1 |
| 13 | THE NUMBER OF GENERATIONS BETWEEN BRANCHING EVENTS IN A GALTON-WATSON TREE AND ITS APPLICATION TO HUMAN MITOCHONDRIAL DNA EVOLUTION. , 2007, , . | | 1 |
| 14 | 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 |
| 15 | Biomatemática: que mistura é essa?. <i>Ciência E Natura</i> , 0, 42, e55. | 0.0 | 0 |
| 16 | INTERBREEDING CONDITIONS FOR EXPLAINING NEANDERTHAL DNA IN LIVING HUMANS: THE NONNEUTRAL CASE. , 2012, , 345-360. | | 0 |