

Marco Archetti

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

2,502
citations

331538

21
h-index

214721

47
g-index

50
all docs

50
docs citations

50
times ranked

1899
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Unravelling the evolution of autumn colours: an interdisciplinary approach. <i>Trends in Ecology and Evolution</i> , 2009, 24, 166-173. | 4.2 | 245 |
| 2 | Review: Game theory of public goods in one-shot social dilemmas without assortment. <i>Journal of Theoretical Biology</i> , 2012, 299, 9-20. | 0.8 | 226 |
| 3 | The Origin of Autumn Colours by Coevolution. <i>Journal of Theoretical Biology</i> , 2000, 205, 625-630. | 0.8 | 221 |
| 4 | COEXISTENCE OF COOPERATION AND DEFECTION IN PUBLIC GOODS GAMES. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 1140-1148. | 1.1 | 178 |
| 5 | Economic game theory for mutualism and cooperation. <i>Ecology Letters</i> , 2011, 14, 1300-1312. | 3.0 | 145 |
| 6 | Heterogeneity for IGF-II production maintained by public goods dynamics in neuroendocrine pancreatic cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 1833-1838. | 3.3 | 134 |
| 7 | Predicting Climate Change Impacts on the Amount and Duration of Autumn Colors in a New England Forest. <i>PLoS ONE</i> , 2013, 8, e57373. | 1.1 | 125 |
| 8 | Cooperation among cancer cells: applying game theory to cancer. <i>Nature Reviews Cancer</i> , 2019, 19, 110-117. | 12.8 | 118 |
| 9 | Autumn leaves seen through herbivore eyes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 121-127. | 1.2 | 111 |
| 10 | A test of the coevolution theory of autumn colours: colour preference of <i>Rhopalosiphum padion</i> <i>Prunus padus</i> . <i>Oikos</i> , 2005, 110, 339-343. | 1.2 | 109 |
| 11 | Classification of hypotheses on the evolution of autumn colours. <i>Oikos</i> , 2009, 118, 328-333. | 1.2 | 87 |
| 12 | The volunteer's dilemma and the optimal size of a social group. <i>Journal of Theoretical Biology</i> , 2009, 261, 475-480. | 0.8 | 82 |
| 13 | Natural selection of altruism in inelastic viscous homogeneous populations. <i>Journal of Theoretical Biology</i> , 2008, 252, 694-710. | 0.8 | 74 |
| 14 | Phylogenetic analysis reveals a scattered distribution of autumn colours. <i>Annals of Botany</i> , 2009, 103, 703-713. | 1.4 | 70 |
| 15 | Let the Right One In: A Microeconomic Approach to Partner Choice in Mutualisms. <i>American Naturalist</i> , 2011, 177, 75-85. | 1.0 | 61 |
| 16 | Complementation, Genetic Conflict, and the Evolution of Sex and Recombination. <i>Journal of Heredity</i> , 2010, 101, S21-S33. | 1.0 | 44 |
| 17 | Evolutionary dynamics of the Warburg effect: Glycolysis as a collective action problem among cancer cells. <i>Journal of Theoretical Biology</i> , 2014, 341, 1-8. | 0.8 | 44 |
| 18 | A STRATEGY TO INCREASE COOPERATION IN THE VOLUNTEER'S DILEMMA: REDUCING VIGILANCE IMPROVES ALARM CALLS. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 885-892. | 1.1 | 39 |

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|----|--|-----|-----------|
| 19 | Evidence from the domestication of apple for the maintenance of autumn colours by coevolution. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 2575-2580. | 1.2 | 38 |
| 20 | Dynamics of growth factor production in monolayers of cancer cells and evolution of resistance to anticancer therapies. <i>Evolutionary Applications</i> , 2013, 6, 1146-1159. | 1.5 | 25 |
| 21 | Evolutionarily stable anti-cancer therapies by autologous cell defection. <i>Evolution, Medicine and Public Health</i> , 2013, 2013, 161-172. | 1.1 | 23 |
| 22 | Cooperation among cancer cells as public goods games on Voronoi networks. <i>Journal of Theoretical Biology</i> , 2016, 396, 191-203. | 0.8 | 23 |
| 23 | How to Analyze Models of Nonlinear Public Goods. <i>Games</i> , 2018, 9, 17. | 0.4 | 23 |
| 24 | Evolution of polygamous marriage by maximization of inclusive fitness. <i>Journal of Theoretical Biology</i> , 2013, 319, 134-143. | 0.8 | 17 |
| 25 | Trading public goods stabilizes interspecific mutualism. <i>Journal of Theoretical Biology</i> , 2013, 318, 58-67. | 0.8 | 17 |
| 26 | A synthetic defective interfering SARS-CoV-2. <i>PeerJ</i> , 2021, 9, e11686. | 0.9 | 17 |
| 27 | Evolution of optimal Hill coefficients in nonlinear public goods games. <i>Journal of Theoretical Biology</i> , 2016, 406, 73-82. | 0.8 | 16 |
| 28 | Biogeography and evidence for adaptive explanations of autumn colors. <i>New Phytologist</i> , 2020, 228, 809-813. | 3.5 | 15 |
| 29 | Contract theory for the evolution of cooperation: The right incentives attract the right partners. <i>Journal of Theoretical Biology</i> , 2011, 269, 201-207. | 0.8 | 14 |
| 30 | A test of the photoprotection hypothesis for the evolution of autumn colours: Chlorophyll resorption, not anthocyanin production, is correlated with nitrogen translocation. <i>Journal of Evolutionary Biology</i> , 2021, 34, 1423-1431. | 0.8 | 13 |
| 31 | The evolution of the genetic code took place in an anaerobic environment. <i>Journal of Theoretical Biology</i> , 2007, 245, 169-174. | 0.8 | 12 |
| 32 | Decoupling vigour and quality in the autumn colours game: Weak individuals can signal, cheating can pay. <i>Journal of Theoretical Biology</i> , 2009, 256, 479-484. | 0.8 | 11 |
| 33 | A comparative analysis of the photoprotection hypothesis for the evolution of autumn colours. <i>Journal of Evolutionary Biology</i> , 2020, 33, 1669-1676. | 0.8 | 11 |
| 34 | Evolutionary Dynamics of Tumor-Stroma Interactions in Multiple Myeloma. <i>PLoS ONE</i> , 2016, 11, e0168856. | 1.1 | 11 |
| 35 | Inverted meiosis and the evolution of sex by loss of complementation. <i>Journal of Evolutionary Biology</i> , 2020, 33, 460-467. | 0.8 | 10 |
| 36 | Genetic robustness at the codon level as a measure of selection. <i>Gene</i> , 2009, 443, 64-69. | 1.0 | 8 |

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|----|--|-----|-----------|
| 37 | SURVIVAL OF THE WEAKEST IN <i>N</i> -PERSON DUELS AND THE MAINTENANCE OF VARIATION UNDER CONSTANT SELECTION. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 637-650. | 1.1 | 8 |
| 38 | Stable Heterogeneity for the Production of Diffusible Factors in Cell Populations. <i>PLoS ONE</i> , 2014, 9, e108526. | 1.1 | 7 |
| 39 | Collapse of Intra-Tumor Cooperation Induced by Engineered Defector Cells. <i>Cancers</i> , 2021, 13, 3674. | 1.7 | 7 |
| 40 | Evidence from automixis with inverted meiosis for the maintenance of sex by loss of complementation. <i>Journal of Evolutionary Biology</i> , 2022, 35, 40-50. | 0.8 | 7 |
| 41 | Cooperation between cancer cells. <i>Evolution, Medicine and Public Health</i> , 2018, 2018, 1-1. | 1.1 | 6 |
| 42 | Missing evidence for the photoprotection hypothesis of autumn colours. <i>New Phytologist</i> , 2021, 232, 2236-2237. | 3.5 | 6 |
| 43 | Game Theory of Tumor-Stroma Interactions in Multiple Myeloma: Effect of Nonlinear Benefits. <i>Games</i> , 2018, 9, 32. | 0.4 | 5 |
| 44 | Maintenance of variation in mutualism by screening. <i>Evolution; International Journal of Organic Evolution</i> , 2019, 73, 2036-2043. | 1.1 | 3 |
| 45 | DeFinetti: A Mathematica program to analyze the replicator dynamics of 3-strategy collective interactions. <i>SoftwareX</i> , 2020, 11, 100415. | 1.2 | 2 |
| 46 | Implications of nitrogen translocation efficiency for hypotheses on the evolution of autumn colours. <i>Journal of Evolutionary Biology</i> , 2022, 35, 189-191. | 0.8 | 1 |
| 47 | Loss of autumn colors under domestication. <i>Plant Signaling and Behavior</i> , 2009, 4, 856-858. | 1.2 | 0 |