Marco Archetti

List of Publications by Year in descending order

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47	2,502	331538	214721
papers	citations	21 h-index	47 g-index

50	50	50	1899
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Implications of nitrogen translocation efficiency for hypotheses on the evolution of autumn coloursâ€". Journal of Evolutionary Biology, 2022, 35, 189-191.	0.8	1
2	Evidence from automixis with inverted meiosis for the maintenance of sex by loss of complementation. Journal of Evolutionary Biology, 2022, 35, 40-50.	0.8	7
3	A test of the photoprotection hypothesis for the evolution of autumn colours: Chlorophyll resorption, not anthocyanin production, is correlated with nitrogen translocation. Journal of Evolutionary Biology, 2021, 34, 1423-1431.	0.8	13
4	Collapse of Intra-Tumor Cooperation Induced by Engineered Defector Cells. Cancers, 2021, 13, 3674.	1.7	7
5	A synthetic defective interfering SARS-CoV-2. PeerJ, 2021, 9, e11686.	0.9	17
6	Missing evidence for the photoprotection hypothesis of autumn colours. New Phytologist, 2021, 232, 2236-2237.	3.5	6
7	Inverted meiosis and the evolution of sex by loss of complementation. Journal of Evolutionary Biology, 2020, 33, 460-467.	0.8	10
8	A comparative analysis of the photoprotection hypothesis for the evolution of autumn colours. Journal of Evolutionary Biology, 2020, 33, 1669-1676.	0.8	11
9	Biogeography and evidence for adaptive explanations of autumn colors. New Phytologist, 2020, 228, 809-813.	3.5	15
10	DeFinetti: A Mathematica program to analyze the replicator dynamics of 3-strategy collective interactions. SoftwareX, 2020, 11, 100415.	1.2	2
11	Maintenance of variation in mutualism by screening. Evolution; International Journal of Organic Evolution, 2019, 73, 2036-2043.	1.1	3
12	Cooperation among cancer cells: applying game theory to cancer. Nature Reviews Cancer, 2019, 19, 110-117.	12.8	118
13	Cooperation between cancer cells. Evolution, Medicine and Public Health, 2018, 2018, 1-1.	1.1	6
14	How to Analyze Models of Nonlinear Public Goods. Games, 2018, 9, 17.	0.4	23
15	Game Theory of Tumorâ€"Stroma Interactions in Multiple Myeloma: Effect of Nonlinear Benefits. Games, 2018, 9, 32.	0.4	5
16	Evolution of optimal Hill coefficients in nonlinear public goods games. Journal of Theoretical Biology, 2016, 406, 73-82.	0.8	16
17	Cooperation among cancer cells as public goods games on Voronoi networks. Journal of Theoretical Biology, 2016, 396, 191-203.	0.8	23
18	Evolutionary Dynamics of Tumor-Stroma Interactions in Multiple Myeloma. PLoS ONE, 2016, 11, e0168856.	1.1	11

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19	Heterogeneity for IGF-II production maintained by public goods dynamics in neuroendocrine pancreatic cancer. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 1833-1838.	3.3	134
20	Stable Heterogeneity for the Production of Diffusible Factors in Cell Populations. PLoS ONE, 2014, 9, e108526.	1.1	7
21	Evolutionary dynamics of the Warburg effect: Glycolysis as a collective action problem among cancer cells. Journal of Theoretical Biology, 2014, 341, 1-8.	0.8	44
22	Evolution of polygamous marriage by maximization of inclusive fitness. Journal of Theoretical Biology, 2013, 319, 134-143.	0.8	17
23	Trading public goods stabilizes interspecific mutualism. Journal of Theoretical Biology, 2013, 318, 58-67.	0.8	17
24	Evolutionarily stable anti-cancer therapies by autologous cell defection. Evolution, Medicine and Public Health, 2013, 2013, 161-172.	1.1	23
25	Dynamics of growth factor production in monolayers of cancer cells and evolution of resistance to anticancer therapies. Evolutionary Applications, 2013, 6, 1146-1159.	1.5	25
26	Predicting Climate Change Impacts on the Amount and Duration of Autumn Colors in a New England Forest. PLoS ONE, 2013, 8, e57373.	1.1	125
27	SURVIVAL OF THE WEAKEST INâ€,N- PERSON DUELS AND THE MAINTENANCE OF VARIATION UNDER CONSTANT SELECTION. Evolution; International Journal of Organic Evolution, 2012, 66, 637-650.	1.1	8
28	Review: Game theory of public goods in one-shot social dilemmas without assortment. Journal of Theoretical Biology, 2012, 299, 9-20.	0.8	226
29	Economic game theory for mutualism and cooperation. Ecology Letters, 2011, 14, 1300-1312.	3.0	145
30	A STRATEGY TO INCREASE COOPERATION IN THE VOLUNTEER'S DILEMMA: REDUCING VIGILANCE IMPROVES ALARM CALLS. Evolution; International Journal of Organic Evolution, 2011, 65, 885-892.	1.1	39
31	COEXISTENCE OF COOPERATION AND DEFECTION IN PUBLIC GOODS GAMES. Evolution; International Journal of Organic Evolution, 2011, 65, 1140-1148.	1.1	178
32	Contract theory for the evolution of cooperation: The right incentives attract the right partners. Journal of Theoretical Biology, 2011, 269, 201-207.	0.8	14
33	Let the Right One In: A Microeconomic Approach to Partner Choice in Mutualisms. American Naturalist, 2011, 177, 75-85.	1.0	61
34	Complementation, Genetic Conflict, and the Evolution of Sex and Recombination. Journal of Heredity, 2010, 101, S21-S33.	1.0	44
35	Phylogenetic analysis reveals a scattered distribution of autumn colours. Annals of Botany, 2009, 103, 703-713.	1.4	70
36	Loss of autumn colors under domestication. Plant Signaling and Behavior, 2009, 4, 856-858.	1.2	0

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37	Autumn leaves seen through herbivore eyes. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 121-127.	1.2	111
38	Evidence from the domestication of apple for the maintenance of autumn colours by coevolution. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 2575-2580.	1.2	38
39	Classification of hypotheses on the evolution of autumn colours. Oikos, 2009, 118, 328-333.	1.2	87
40	Decoupling vigour and quality in the autumn colours game: Weak individuals can signal, cheating can pay. Journal of Theoretical Biology, 2009, 256, 479-484.	0.8	11
41	The volunteer's dilemma and the optimal size of a social group. Journal of Theoretical Biology, 2009, 261, 475-480.	0.8	82
42	Genetic robustness at the codon level as a measure of selection. Gene, 2009, 443, 64-69.	1.0	8
43	Unravelling the evolution of autumn colours: an interdisciplinary approach. Trends in Ecology and Evolution, 2009, 24, 166-173.	4.2	245
44	Natural selection of altruism in inelastic viscous homogeneous populations. Journal of Theoretical Biology, 2008, 252, 694-710.	0.8	74
45	The evolution of the genetic code took place in an anaerobic environment. Journal of Theoretical Biology, 2007, 245, 169-174.	0.8	12
46	A test of the coevolution theory of autumn colours: colour preference ofRhopalosiphum padionPrunus padus. Oikos, 2005, 110, 339-343.	1.2	109
47	The Origin of Autumn Colours by Coevolution. Journal of Theoretical Biology, 2000, 205, 625-630.	0.8	221