

Ricardo B R Azevedo

List of Publications by Year in descending order

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40
papers

2,507
citations

304743

22
h-index

289244

40
g-index

51
all docs

51
docs citations

51
times ranked

2562
citing authors

#	ARTICLE	IF	CITATIONS
1	On the Immortality of Television Sets: "Function" in the Human Genome According to the Evolution-Free Gospel of ENCODE. <i>Genome Biology and Evolution</i> , 2013, 5, 578-590.	2.5	427
2	Genetic and Environmental Responses to Temperature of <i>Drosophila melanogaster</i> From a Latitudinal Cline. <i>Genetics</i> , 1997, 146, 881-890.	2.9	219
3	Sexual reproduction selects for robustness and negative epistasis in artificial gene networks. <i>Nature</i> , 2006, 440, 87-90.	27.8	211
4	Life-History Consequences of Egg Size in <i>Drosophila Melanogaster</i> . <i>American Naturalist</i> , 1997, 150, 250-282.	2.1	131
5	Adaptation and constraint in the evolution of <i>Drosophila melanogaster</i> wing shape. <i>Evolution & Development</i> , 2000, 2, 114-124.	2.0	117
6	THERMAL EVOLUTION OF EGG SIZE IN <i>DROSOPHILA MELANOGASTER</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1996, 50, 2338-2345.	2.3	111
7	Temperature modulates epidermal cell size in <i>Drosophila melanogaster</i> . <i>Journal of Insect Physiology</i> , 2002, 48, 231-237.	2.0	105
8	LATITUDINAL VARIATION OF WING:THORAX SIZE RATIO AND WING-ASPECT RATIO IN <i>DROSOPHILA MELANOGASTER</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1998, 52, 1353-1362.	2.3	102
9	Cellular basis of wing size variation in <i>Drosophila melanogaster</i> : a comparison of latitudinal clines on two continents. <i>Heredity</i> , 2000, 84, 338-347.	2.6	89
10	A novel mode of ecdysozoan growth in <i>Caenorhabditis elegans</i> . <i>Evolution & Development</i> , 2002, 4, 16-27.	2.0	82
11	npr-1 Regulates Foraging and Dispersal Strategies in <i>Caenorhabditis elegans</i> . <i>Current Biology</i> , 2008, 18, 1694-1699.	3.9	78
12	Thermal Evolution of Egg Size in <i>Drosophila melanogaster</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1996, 50, 2338.	2.3	77
13	An Evolutionary Classification of Genomic Function. <i>Genome Biology and Evolution</i> , 2015, 7, 642-645.	2.5	73
14	Spontaneous Mutational Variation for Body Size in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2002, 162, 755-765.	2.9	67
15	Variable cell number in nematodes. <i>Nature</i> , 1999, 402, 253-253.	27.8	66
16	Latitudinal Variation of Wing: Thorax Size Ratio and Wing-Aspect Ratio in <i>Drosophila melanogaster</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1998, 52, 1353.	2.3	62
17	Global Regulation of Hox Gene Expression in <i>C. elegans</i> by a SAM Domain Protein. <i>Developmental Cell</i> , 2003, 4, 903-915.	7.0	50
18	A power law for cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 5699-5704.	7.1	46

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19	The simplicity of metazoan cell lineages. <i>Nature</i> , 2005, 433, 152-156.	27.8	39
20	Low Base-Substitution Mutation Rate in the Germline Genome of the Ciliate <i>Tetrahymena thermophila</i> . <i>Genome Biology and Evolution</i> , 2016, 8, evw223.	2.5	38
21	TESTING LIFE-HISTORY PLEIOTROPY IN <i>CAENORHABDITIS ELEGANS</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2001, 55, 1795-1804.	2.3	37
22	The Evolution of Small-RNA-Mediated Silencing of an Invading Transposable Element. <i>Genome Biology and Evolution</i> , 2018, 10, 3038-3057.	2.5	32
23	Spiraling Complexity: A Test of the Snowball Effect in a Computational Model of RNA Folding. <i>Genetics</i> , 2017, 206, 377-388.	2.9	25
24	Genetic Architecture and the Evolution of Sex. <i>Journal of Heredity</i> , 2010, 101, S142-S157.	2.4	24
25	Neutral Evolution of Robustness in <i>Drosophila</i> microRNA Precursors. <i>Molecular Biology and Evolution</i> , 2011, 28, 2115-2123.	8.9	23
26	Accumulation of Spontaneous Mutations in the Ciliate <i>Tetrahymena thermophila</i> . <i>Genetics</i> , 2013, 195, 527-540.	2.9	22
27	Redundancy and the Evolution of Cis-Regulatory Element Multiplicity. <i>PLoS Computational Biology</i> , 2010, 6, e1000848.	3.2	20
28	An Evolving Genetic Architecture Interacts with Hill-Robertson Interference to Determine the Benefit of Sex. <i>Genetics</i> , 2016, 203, 923-936.	2.9	20
29	SEX RATIO EVOLUTION UNDER PROBABILISTIC SEX DETERMINATION. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 2050-2060.	2.3	17
30	Estimation of the rate and effect of new beneficial mutations in asexual populations. <i>Theoretical Population Biology</i> , 2012, 81, 168-178.	1.1	16
31	The demise of the Platonic worm. <i>Nematology</i> , 2000, 2, 71-79.	0.6	12
32	A generative bias towards average complexity in artificial cell lineages. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 1741-1751.	2.6	12
33	Influence of Electron-Holes on DNA Sequence-Specific Mutation Rates. <i>Genome Biology and Evolution</i> , 2018, 10, 1039-1047.	2.5	12
34	accuMulate: a mutation caller designed for mutation accumulation experiments. <i>Bioinformatics</i> , 2018, 34, 2659-2660.	4.1	11
35	Developmental motifs reveal complex structure in cell lineages. <i>Complexity</i> , 2011, 16, 48-57.	1.6	10
36	Historical Contingency Causes Divergence in Adaptive Expression of the <i>lac</i> Operon. <i>Molecular Biology and Evolution</i> , 2021, 38, 2869-2879.	8.9	6

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37	Population structure promotes the evolution of costly sex in artificial gene networks. <i>Evolution; International Journal of Organic Evolution</i> , 2019, 73, 1089-1100.	2.3	4
38	Networking networks. <i>Evolution & Development</i> , 2008, 10, 514-515.	2.0	2
39	Correlated Selection on Amino Acid Deletion and Replacement in Mammalian Protein Sequences. <i>Journal of Molecular Evolution</i> , 2018, 86, 365-378.	1.8	1
40	A branching process model of evolutionary rescue. <i>Mathematical Biosciences</i> , 2021, 341, 108708.	1.9	1