

# Rui Faria

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

2,533  
citations

331670

21  
h-index

233421

45  
g-index

52  
all docs

52  
docs citations

52  
times ranked

3739  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative and demographic analysis of orang-utan genomes. <i>Nature</i> , 2011, 469, 529-533.	27.8	541
2	Interpreting the genomic landscape of speciation: a road map for finding barriers to gene flow. <i>Journal of Evolutionary Biology</i> , 2017, 30, 1450-1477.	1.7	399
3	Chromosomal speciation revisited: rearranging theory with pieces of evidence. <i>Trends in Ecology and Evolution</i> , 2010, 25, 660-669.	8.7	388
4	Evolving Inversions. <i>Trends in Ecology and Evolution</i> , 2019, 34, 239-248.	8.7	179
5	Clines on the seashore: The genomic architecture underlying rapid divergence in the face of gene flow. <i>Evolution Letters</i> , 2018, 2, 297-309.	3.3	103
6	Multiple chromosomal rearrangements in a hybrid zone between <i>Littorina saxatilis</i> ecotypes. <i>Molecular Ecology</i> , 2019, 28, 1375-1393.	3.9	103
7	Genomic architecture of parallel ecological divergence: Beyond a single environmental contrast. <i>Science Advances</i> , 2019, 5, eaav9963.	10.3	92
8	Advances in Ecological Speciation: an integrative approach. <i>Molecular Ecology</i> , 2014, 23, 513-521.	3.9	63
9	Interspecific differentiation and intraspecific substructure in two closely related clupeids with extensive hybridization, <i>Alosa alosa</i> and <i>Alosa fallax</i> . <i>Journal of Fish Biology</i> , 2006, 69, 242-259.	1.6	48
10	Genetic variation for adaptive traits is associated with polymorphic inversions in <i>Littorina saxatilis</i> . <i>Evolution Letters</i> , 2021, 5, 196-213.	3.3	42
11	Using replicate hybrid zones to understand the genomic basis of adaptive divergence. <i>Molecular Ecology</i> , 2021, 30, 3797-3814.	3.9	37
12	A prominent role of KRAB-ZNF transcription factors in mammalian speciation?. <i>Trends in Genetics</i> , 2013, 29, 130-139.	6.7	36
13	A molecular phylogenetic perspective on the evolutionary history of <i>Alosa</i> spp. (Clupeidae). <i>Molecular Phylogenetics and Evolution</i> , 2006, 40, 298-304.	2.7	34
14	Factors Influencing Progress toward Ecological Speciation. <i>International Journal of Ecology</i> , 2012, 2012, 1-7.	0.8	31
15	Speciation in marine environments: Diving under the surface. <i>Journal of Evolutionary Biology</i> , 2021, 34, 4-15.	1.7	31
16	Complex evolutionary history in the brown trout: Insights on the recognition of conservation units. <i>Conservation Genetics</i> , 2001, 2, 337-347.	1.5	30
17	Life on the Edge: The Long-Term Persistence and Contrasting Spatial Genetic Structure of Distinct Brown Trout Life Histories at Their Ecological Limits. <i>Journal of Heredity</i> , 2006, 97, 193-205.	2.4	30
18	Recent human evolution has shaped geographical differences in susceptibility to disease. <i>BMC Genomics</i> , 2011, 12, 55.	2.8	27

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19	Comparative phylogeography and demographic history of European shads ( <i>Alosa alosa</i> and <i>A. fallax</i> ) inferred from mitochondrial DNA. <i>BMC Evolutionary Biology</i> , 2012, 12, 194.	3.2	27
20	Isolation and characterization of eight dinucleotide microsatellite loci from two closely related clupeid species ( <i>Alosa alosa</i> and <i>A. fallax</i> ). <i>Molecular Ecology Notes</i> , 2004, 4, 586-588.	1.7	25
21	Signatures of Selection on Standing Genetic Variation Underlie Athletic and Navigational Performance in Racing Pigeons. <i>Molecular Biology and Evolution</i> , 2018, 35, 1176-1189.	8.9	25
22	Inversions and parallel evolution. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022, 377, .	4.0	19
23	Phylogeographic history of flat periwinkles, <i>Littorina fabalis</i> and <i>L. obtusata</i> . <i>BMC Evolutionary Biology</i> , 2020, 20, 23.	3.2	16
24	Evolutionary history of two cryptic species of northern African jerboas. <i>BMC Evolutionary Biology</i> , 2020, 20, 26.	3.2	16
25	Hybridization patterns between two marine snails, <i>Littorina fabalis</i> and <i>L. obtusata</i> . <i>Ecology and Evolution</i> , 2020, 10, 1158-1179.	1.9	15
26	Is embryo abortion a postzygotic barrier to gene flow between <i>Littorina</i> ecotypes?. <i>Journal of Evolutionary Biology</i> , 2020, 33, 342-351.	1.7	14
27	Mate Choice Contributes to the Maintenance of Shell Color Polymorphism in a Marine Snail via Frequency-Dependent Sexual Selection. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	13
28	Genetic tools for restoration of fish populations. <i>Journal of Applied Ichthyology</i> , 2011, 27, 5-15.	0.7	12
29	Genetic characterization of flat periwinkles ( <i>Littorinidae</i> ) from the Iberian Peninsula reveals interspecific hybridization and different degrees of differentiation. <i>Biological Journal of the Linnean Society</i> , 2016, 118, 503-519.	1.6	12
30	Comparative mitogenomic analysis of three species of periwinkles: <i>Littorina fabalis</i> , <i>L. obtusata</i> and <i>L. saxatilis</i> . <i>Marine Genomics</i> , 2017, 32, 41-47.	1.1	12
31	Ten years of demographic modelling of divergence and speciation in the sea. <i>Evolutionary Applications</i> , 2023, 16, 542-559.	3.1	11
32	Divergent evolution in the genomes of closely-related lacertids, <i>Lacerta viridis</i> and <i>L. bilineata</i> and implications for speciation. <i>GigaScience</i> , 2018, 8, .	6.4	10
33	Karyotype Characterization of Nine Periwinkle Species ( <i>Gastropoda</i> , <i>Littorinidae</i> ). <i>Genes</i> , 2018, 9, 517.	2.4	10
34	Genetic and morphological divergence between <i>Littorina fabalis</i> ecotypes in Northern Europe. <i>Journal of Evolutionary Biology</i> , 2021, 34, 97-113.	1.7	10
35	Evidence for genetic differentiation in the European conger eel <i>Conger conger</i> based on mitochondrial DNA analysis. <i>Fisheries Science</i> , 2006, 72, 20-27.	1.6	9
36	De novo isolation of 17 microsatellite loci for flat periwinkles ( <i>Littorina fabalis</i> and <i>L. obtusata</i> ) and their application for species discrimination and hybridization studies. <i>Journal of Molluscan Studies</i> , 2015, 81, 421-425.	1.2	7

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37	Inversions and genomic differentiation after secondary contact: When drift contributes to maintenance, not loss, of differentiation. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 1288-1303.	2.3	7
38	An allozyme polymorphism is associated with a large chromosomal inversion in the marine snail <i>Littorina fabalis</i> . <i>Evolutionary Applications</i> , 2023, 16, 279-292.	3.1	7
39	Molecular tools for species discrimination and detection of hybridization between two closely related Clupeid fishes <i>Alosa alosa</i> and <i>A. fallax</i> . <i>Journal of Applied Ichthyology</i> , 2011, 27, 16-20.	0.7	5
40	A preliminary genetic analysis of a recently rediscovered population of the Twaite shad ( <i>Alosa fallax</i> ) in the Ebro river, Spain (Western Mediterranean). <i>Journal of Applied Ichthyology</i> , 2011, 27, 21-23.	0.7	5
41	Pool and conquer: new tricks for (c)old problems. <i>Molecular Ecology</i> , 2014, 23, 1653-1655.	3.9	5
42	The complete mitochondrial genome of <i>Lacerta bilineata</i> and comparison with its closely related congener <i>L. Viridis</i> . <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2017, 28, 116-118.	0.7	5
43	The puzzling demographic history and genetic differentiation of the twaite shad ( <i>Alosa fallax</i> ) in the Ebro River. <i>Conservation Genetics</i> , 2014, 15, 1037-1052.	1.5	3
44	Introducing evolutionary biologists to the analysis of big data: guidelines to organize extended bioinformatics training courses. <i>Evolution: Education and Outreach</i> , 2018, 11, .	0.8	3
45	Genetic structure, diversity, and connectivity in anadromous and freshwater <i>Alosa alosa</i> and <i>A. fallax</i> . <i>Marine Biology</i> , 2022, 169, 1.	1.5	3
46	Magadi tilapia ecological specialization: filling the early gap in the speciation continuum. <i>Molecular Ecology</i> , 2016, 25, 1420-1422.	3.9	2
47	Transcriptomic resources for evolutionary studies in flat periwinkles and related species. <i>Scientific Data</i> , 2020, 7, 73.	5.3	1
48	Accelerated Evolution of Tissue-Specific Genes Mediates Divergence Amidst Gene Flow in European Green Lizards. <i>Genome Biology and Evolution</i> , 2021, 13, .	2.5	1