

Francesc Muñoz-Muñoz

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

468
citations

759233

12
h-index

752698

20
g-index

32
all docs

32
docs citations

32
times ranked

593
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of cryptic species of <i>Culicoides</i> (Diptera: Ceratopogonidae) in the subgenus <i>Culicoides</i> and development of species-specific PCR assays based on barcode regions. <i>Veterinary Parasitology</i> , 2009, 165, 298-310.	1.8	84
2	Geometric Morphometrics of the Wing in the Subgenus <i>Culicoides</i> (Diptera: Ceratopogonidae): From Practical Implications to Evolutionary Interpretations. <i>Journal of Medical Entomology</i> , 2011, 48, 129-139.	1.8	34
3	Measurement Error in Morphometric Studies: Comparison between Manual and Computerized Methods. <i>Annales Zoologici Fennici</i> , 2010, 47, 46-56.	0.6	33
4	<i>Culex flavivirus</i> infection in a <i>Culex pipiens</i> mosquito colony and its effects on vector competence for Rift Valley fever phlebovirus. <i>Parasites and Vectors</i> , 2018, 11, 310.	2.5	27
5	Evolutionary modularity of the mouse mandible: dissecting the effect of chromosomal reorganizations and isolation by distance in a Robertsonian system of <i>Mus musculus domesticus</i> . <i>Journal of Evolutionary Biology</i> , 2011, 24, 1763-1776.	1.7	24
6	Phenotypic differentiation and phylogenetic signal of wing shape in western European biting midges, <i>Culicoides</i> spp., of the subgenus <i>Avaritia</i> . <i>Medical and Veterinary Entomology</i> , 2014, 28, 319-329.	1.5	24
7	First detection of <i>Wolbachia</i> -infected <i>Culicoides</i> (Diptera: Ceratopogonidae) in Europe: <i>Wolbachia</i> and <i>Cardinium</i> infection across <i>Culicoides</i> communities revealed in Spain. <i>Parasites and Vectors</i> , 2017, 10, 582.	2.5	23
8	Spatio-temporal variation in the structure of a chromosomal polymorphism zone in the house mouse. <i>Heredity</i> , 2012, 109, 78-89.	2.6	21
9	<i>Culicoides</i> Species Communities Associated with Wild Ruminant Ecosystems in Spain: Tracking the Way to Determine Potential Bridge Vectors for Arboviruses. <i>PLoS ONE</i> , 2015, 10, e0141667.	2.5	20
10	Population effects of heavy metal pollution in wild Algerian mice (<i>Mus spretus</i>). <i>Ecotoxicology and Environmental Safety</i> , 2019, 171, 414-424.	6.0	16
11	Rb(7.17), a rare Robertsonian fusion in wild populations of the house mouse. <i>Genetical Research</i> , 2007, 89, 207-213.	0.9	14
12	Non-metric morphological divergence in the western house mouse, <i>Mus musculus domesticus</i> , from the Barcelona chromosomal hybrid zone. <i>Biological Journal of the Linnean Society</i> , 2003, 80, 313-322.	1.6	13
13	<i>Drosophilawing</i> modularity revisited through a quantitative genetic approach. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 1530-1541.	2.3	13
14	Photogrammetry: a useful tool for three-dimensional morphometric analysis of small mammals. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2016, 54, 318-325.	1.4	13
15	Revealing potential bridge vectors for <i>BTV</i> and <i>SBV</i> : a study on <i>Culicoides</i> blood feeding preferences in natural ecosystems in Spain. <i>Medical and Veterinary Entomology</i> , 2018, 32, 35-40.	1.5	13
16	Variation in fluctuating asymmetry levels across a Robertsonian polymorphic zone of the house mouse. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2006, 44, 236-250.	1.4	10
17	Postnatal mandible growth in wild and laboratory mice: Differences revealed from bone remodeling patterns and geometric morphometrics. <i>Journal of Morphology</i> , 2017, 278, 1058-1074.	1.2	10
18	Narrow versus broad: sexual dimorphism in the wing form of western European species of the subgenus <i>Avaritia</i> (<i>Culicoides</i> , Ceratopogonidae). <i>Integrative Zoology</i> , 2021, 16, 769-784.	2.6	10

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19	Effect of chromosomal reorganizations on morphological covariation of the mouse mandible: insights from a Robertsonian system of <i>Mus musculus domesticus</i> . <i>Frontiers in Zoology</i> , 2014, 11, .	2.0	9
20	Developmental pathways inferred from modularity, morphological integration and fluctuating asymmetry patterns in the human face. <i>Scientific Reports</i> , 2018, 8, 963.	3.3	9
21	Is the morphology of <i>Culicoides</i> intersexes parasitized by mermithid nematodes a parasite adaptation? A morphometric approach to <i>Culicoides circumscriptus</i> (Diptera: Ceratopogonidae). <i>Journal of Invertebrate Pathology</i> , 2016, 135, 1-9.	3.2	8
22	New insights on diversity, morphology and distribution of <i>Culicoides</i> Latreille 1809 (Diptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 214-231.	0.9	7
23	Variational modularity at the cell level: insights from the sperm head of the house mouse. <i>BMC Evolutionary Biology</i> , 2013, 13, 179.	3.2	7
24	Morphology and DNA barcoding reveal three species in one: description of <i>Culicoides cryptipulicaris</i> sp. nov. and <i>Culicoides quasipulicaris</i> sp. nov. in the subgenus <i>Culicoides</i> . <i>Medical and Veterinary Entomology</i> , 2017, 31, 178-191.	1.5	7
25	Cardiac, mandibular and thymic phenotypical association indicates that cranial neural crest underlies bicuspid aortic valve formation in hamsters. <i>PLoS ONE</i> , 2017, 12, e0183556.	2.5	5
26	Comparative post-weaning ontogeny of the mandible in fossorial and semi-aquatic water voles. <i>Mammalian Biology</i> , 2019, 97, 95-103.	1.5	5
27	Comparative postnatal histomorphogenesis of the mandible in wild and laboratory mice. <i>Annals of Anatomy</i> , 2018, 215, 8-19.	1.9	4
28	Differential Impact of Forest Fragmentation on Fluctuating Asymmetry in South Amazonian Small Mammals. <i>Symmetry</i> , 2022, 14, 981.	2.2	2
29	Multimethod Approach to the Early Postnatal Growth of the Mandible in Mice from a Zone of Robertsonian Polymorphism. <i>Anatomical Record</i> , 2018, 301, 1360-1381.	1.4	1
30	Insularity induces changes on body and mandible morphology in a Mediterranean population of the greater white-toothed shrew <i>Crocidura russula</i> (Hermann, 1780). <i>Contributions To Zoology</i> , 2018, 87, 275-286.	0.5	1
31	Three-dimensional geometric morphometric analysis of the humerus: Comparative postweaning ontogeny between fossorial and semiaquatic water voles (<i>Arvicola</i>). <i>Journal of Morphology</i> , 2020, 281, 1679-1692.	1.2	1
32	Postnatal ontogeny of the femur in fossorial and semiaquatic water voles in the 3D shape space. <i>Anatomical Record</i> , 2021, , .	1.4	0