

Arturo H AriÃ±o

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

1,252
citations

430754

18
h-index

414303

32
g-index

59
all docs

59
docs citations

59
times ranked

2328
citing authors

#	ARTICLE	IF	CITATIONS
1	On the nature of population extremes. <i>Evolutionary Ecology</i> , 1995, 9, 429-443.	0.5	117
2	A decadal view of biodiversity informatics: challenges and priorities. <i>BMC Ecology</i> , 2013, 13, 16.	3.0	110
3	Approaches to estimating the universe of natural history collections data. <i>Biodiversity Informatics</i> , 2010, 7, .	3.0	103
4	Higher airborne pollen concentrations correlated with increased SARS-CoV-2 infection rates, as evidenced from 31 countries across the globe. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	92
5	Research applications of primary biodiversity databases in the digital age. <i>PLoS ONE</i> , 2019, 14, e0215794.	1.1	75
6	Validation of a rapid antigen test as a screening tool for SARS-CoV-2 infection in asymptomatic populations. Sensitivity, specificity and predictive values. <i>EClinicalMedicine</i> , 2021, 37, 100954.	3.2	66
7	Longitudinal and seasonal variation of the benthic macroinvertebrate community and biotic indices in an undisturbed Pyrenean river. <i>Ecological Indicators</i> , 2009, 9, 52-63.	2.6	63
8	CFD modelling of air quality in Pamplona City (Spain): Assessment, stations spatial representativeness and health impacts valuation. <i>Science of the Total Environment</i> , 2019, 649, 1362-1380.	3.9	58
9	Humus Forms in Mediterranean Scrublands with Aleppo Pine. <i>Soil Science Society of America Journal</i> , 2001, 65, 884-896.	1.2	41
10	Content assessment of the primary biodiversity data published through GBIF network: Status, challenges and potentials. <i>Biodiversity Informatics</i> , 2013, 8, .	3.0	40
11	Mountains as barriers to gene flow in amphibians: Quantifying the differential effect of a major mountain ridge on the genetic structure of four sympatric species with different life history traits. <i>Journal of Biogeography</i> , 2018, 45, 318-331.	1.4	36
12	Assessing the Primary Data Hosted by the Spanish Node of the Global Biodiversity Information Facility (GBIF). <i>PLoS ONE</i> , 2013, 8, e55144.	1.1	33
13	Bridging the biodiversity data gaps: Recommendations to meet users' data needs. <i>Biodiversity Informatics</i> , 2013, 8, .	3.0	33
14	Effects of Sample Size and Full Sibs on Genetic Diversity Characterization: A Case Study of Three Syntopic Iberian Pond-Breeding Amphibians. <i>Journal of Heredity</i> , 2017, 108, 535-543.	1.0	33
15	Assessment gaps and biases in knowledge of conservation status of fishes. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2020, 30, 225-236.	0.9	26
16	The biodiversity data knowledge gap: Assessing information loss in the management of Biosphere Reserves. <i>Biological Conservation</i> , 2014, 173, 74-79.	1.9	22
17	Indirect biomass estimations in Collembola. <i>Pedobiologia</i> , 2004, 48, 551-557.	0.5	20
18	Biodiversity data obsolescence and land uses changes. <i>PeerJ</i> , 2016, 4, e2743.	0.9	20

#	ARTICLE	IF	CITATIONS
19	Uncertainty matters: ascertaining where specimens in natural history collections come from and its implications for predicting species distributions. <i>Ecography</i> , 2022, 2022, .	2.1	20
20	DIVERSITY OF ACARI AND COLLEMBOLA ALONG A POLLUTION GRADIENT IN SOILS OF A PRE-PYRENEAN FOREST ECOSYSTEM. <i>Environmental Engineering and Management Journal</i> , 2012, 11, 1159-1169.	0.2	17
21	Quality issues in georeferencing: From physical collections to digital data repositories for ecological research. <i>Diversity and Distributions</i> , 2021, 27, 564-567.	1.9	15
22	Communication gaps in knowledge of freshwater fish biodiversity: implications for the management and conservation of Mexican biosphere reserves. <i>Journal of Fish Biology</i> , 2011, 79, 1563-1591.	0.7	14
23	Reliable effective number of breeders/adult census size ratios in seasonalâ€breeding species: Opportunity for integrative demographic inferences based on captureâ€recapture data and multilocus genotypes. <i>Ecology and Evolution</i> , 2017, 7, 10301-10314.	0.8	14
24	The tragedy of the biodiversity data commons: a data impediment creeping nigher?. <i>Database: the Journal of Biological Databases and Curation</i> , 2018, 2018, .	1.4	14
25	DIVERSITY OF WILD PALMS (ARECACEAE) IN THE REPUBLIC OF BENIN: FINDING THE GAPS IN THE NATIONAL INVENTORY COMBINING FIELD AND DIGITAL ACCESSIBLE KNOWLEDGE. <i>Biodiversity Informatics</i> , 2015, 10, .	3.0	14
26	Telomere attrition with age in a wild amphibian population. <i>Biology Letters</i> , 2020, 16, 20200168.	1.0	13
27	Diversity of soil nematodes across a Mediterranean ecotone. <i>Applied Soil Ecology</i> , 2002, 20, 191-198.	2.1	11
28	Assessment of user needs of primary biodiversity data: Analysis, concerns, and challenges. <i>Biodiversity Informatics</i> , 2013, 8, .	3.0	11
29	Completeness of Digital Accessible Knowledge (DAK) about terrestrial mammals in the Iberian Peninsula. <i>PLoS ONE</i> , 2019, 14, e0213542.	1.1	11
30	The Biodiversity Informatics Potential Index. <i>BMC Bioinformatics</i> , 2011, 12, S4.	1.2	10
31	Environmental drivers of the seasonal exposure to airborne <i>Alternaria</i> spores in Spain. <i>Science of the Total Environment</i> , 2022, 823, 153596.	3.9	9
32	BIDDSAT: visualizing the content of biodiversity data publishers in the Global Biodiversity Information Facility network. <i>Bioinformatics</i> , 2012, 28, 2207-2208.	1.8	8
33	Global trends in research output by zoos and aquariums. <i>Conservation Biology</i> , 2021, 35, 1894-1902.	2.4	8
34	On the dates of GBIF mobilised primary biodiversity records. <i>Biodiversity Informatics</i> , 2013, 8, .	3.0	7
35	Setting priorities for existing conservation needs of crayfish and mink. <i>Conservation Biology</i> , 2015, 29, 599-601.	2.4	7
36	Biometrics amongst Dippers<i>Cinclus cinclus</i> in the north of Spain. <i>Ringing and Migration</i> , 2000, 20, 9-14.	0.2	6

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37	Data exchange gaps in knowledge of biodiversity: implications for the management and conservation of Biosphere Reserves. <i>Biodiversity and Conservation</i> , 2014, 23, 2239-2258.	1.2	6
38	Freshwater macroinvertebrate samples from a water quality monitoring network in the Iberian Peninsula. <i>Scientific Data</i> , 2018, 5, 180108.	2.4	5
39	Time Series Compared Across the Land-Sea Gradient. , 1995, , 242-273.		5
40	Optimal Sampling for Complexity in Soil Ecosystems. , 2008, , 222-230.		5
41	Putting your Finger upon the Simplest Data. <i>Biodiversity Information Science and Standards</i> , 0, 2, e26300.	0.0	5
42	Conservation-Status Gaps for Marine Top-Fished Commercial Species. <i>Fishes</i> , 2022, 7, 2.	0.7	5
43	PRIMARY BIODIVERSITY DATA RECORDS IN THE PYRENEES. <i>Environmental Engineering and Management Journal</i> , 2012, 11, 1059-1075.	0.2	4
44	THE LINK BETWEEN ROADKILLS DISTRIBUTION AND THE SURROUNDING LANDSCAPE IN TWO HIGHWAYS IN NAVARRE, SPAIN. <i>Environmental Engineering and Management Journal</i> , 2012, 11, 1171-1178.	0.2	3
45	Control of SARS-CoV-2 Infection Rates at a Spanish University With In-Person Class Attendance. <i>American Journal of Public Health</i> , 2022, 112, 570-573.	1.5	3
46	Long-term data set of small mammals from owl pellets in the Atlantic-Mediterranean transition area. <i>Scientific Data</i> , 2016, 3, 160085.	2.4	2
47	Effective reassessments of freshwater fish species: a case study in a Mediterranean peninsula. <i>Hydrobiologia</i> , 0, , 1.	1.0	2
48	Biodiversity Information Services: A (not-so-) little knowledge that acts. <i>Biodiversity Information Science and Standards</i> , 0, 2, e25738.	0.0	2
49	Hidalgo Fishes: Dataset on freshwater fishes of Hidalgo state (Mexico) in the MZNA fish collection of the University of Navarra (Spain). <i>ZooKeys</i> , 2014, 403, 67-109.	0.5	1
50	Use of Online Species Occurrence Databases in Published Research since 2010. <i>Biodiversity Information Science and Standards</i> , 0, 1, e20518.	0.0	1
51	Unexploited Biodiversity Data Sources: The case of airborne pollen. <i>Biodiversity Information Science and Standards</i> , 0, 3, .	0.0	1
52	PROTECTED AREAS IN THE SPANISH PYRENEES: A MEANINGFUL WAY TO PRESERVE BIODIVERSITY?. <i>Environmental Engineering and Management Journal</i> , 2012, 11, 1133-1140.	0.2	0
53	Time Series Compared Across the Land-Sea Gradient. , 1992, , 242-273.		0
54	Biodiversity_Next 2019. , 0, , .		0

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55	Investment in the Long-Tail of Biodiversity Data: From local research to global knowledge. Biodiversity Information Science and Standards, 0, 3, .	0.0	0
56	Game of Tops: Trends in GBIF's Community of Users. Biodiversity Information Science and Standards, 0, 3, .	0.0	0
57	From Expert to Data-Driven Biodiversity Knowledge: Assessing ecosystem irreplaceability with IUCN Red List data for freshwater fish. Biodiversity Information Science and Standards, 0, 3, .	0.0	0