

David Vieites

List of Publications by Year in descending order

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87
papers

5,900
citations

117625

34
h-index

74163

75
g-index

89
all docs

89
docs citations

89
times ranked

5867
citing authors

#	ARTICLE	IF	CITATIONS
1	Vast underestimation of Madagascar's biodiversity evidenced by an integrative amphibian inventory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 8267-8272.	7.1	575
2	Aligning Conservation Priorities Across Taxa in Madagascar with High-Resolution Planning Tools. <i>Science</i> , 2008, 320, 222-226.	12.6	484
3	Comparative performance of the 16S rRNA gene in DNA barcoding of amphibians. <i>Frontiers in Zoology</i> , 2005, 2, 5.	2.0	456
4	Deciphering amphibian diversity through DNA barcoding: chances and challenges. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2005, 360, 1859-1868.	4.0	438
5	Asynchronous Colonization of Madagascar by the Four Endemic Clades of Primates, Tenrecs, Carnivores, and Rodents as Inferred from Nuclear Genes. <i>Systematic Biology</i> , 2005, 54, 719-730.	5.6	341
6	Madagascar as a model region of species diversification. <i>Trends in Ecology and Evolution</i> , 2009, 24, 456-465.	8.7	340
7	Updated distribution and biogeography of amphibians and reptiles of Europe. <i>Amphibia - Reptilia</i> , 2014, 35, 1-31.	0.5	293
8	Multiple overseas dispersal in amphibians. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003, 270, 2435-2442.	2.6	276
9	Rapid diversification and dispersal during periods of global warming by plethodontid salamanders. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 19903-19907.	7.1	188
10	PATTERNS OF ENDEMISM AND SPECIES RICHNESS IN MALAGASY COPHYLINE FROGS SUPPORT A KEY ROLE OF MOUNTAINOUS AREAS FOR SPECIATION. <i>Evolution; International Journal of Organic Evolution</i> , 2008, 62, 1890-1907.	2.3	137
11	Vertebrate time-tree elucidates the biogeographic pattern of a major biotic change around the Cretaceous boundary in Madagascar. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 5358-5363.	7.1	136
12	New Amphibians and Global Conservation: A Boost in Species Discoveries in a Highly Endangered Vertebrate Group. <i>BioScience</i> , 2005, 55, 693.	4.9	135
13	Speciation in little: the role of range and body size in the diversification of Malagasy mantellid frogs. <i>BMC Evolutionary Biology</i> , 2011, 11, 217.	3.2	112
14	Post-mating clutch piracy in an amphibian. <i>Nature</i> , 2004, 431, 305-308.	27.8	104
15	Discovery of the first Asian plethodontid salamander. <i>Nature</i> , 2005, 435, 87-90.	27.8	102
16	New evidence for parallel evolution of colour patterns in Malagasy poison frogs (<i>Mantella</i>). <i>Molecular Ecology</i> , 2004, 13, 3763-3774.	3.9	96
17	Geographical patterns of deep mitochondrial differentiation in widespread Malagasy reptiles. <i>Molecular Phylogenetics and Evolution</i> , 2007, 45, 822-839.	2.7	92
18	Is Chytridiomycosis an Emerging Infectious Disease in Asia?. <i>PLoS ONE</i> , 2011, 6, e23179.	2.5	76

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19	A multigenic perspective on phylogenetic relationships in the largest family of salamanders, the Plethodontidae. <i>Molecular Phylogenetics and Evolution</i> , 2011, 59, 623-635.	2.7	70
20	Species' intrinsic traits inform their range limitations and vulnerability under environmental change. <i>Global Ecology and Biogeography</i> , 2015, 24, 849-858.	5.8	70
21	Integrative taxonomy of Malagasy treefrogs: combination of molecular genetics, bioacoustics and comparative morphology reveals twelve additional species of <i>Boophis</i> . <i>Zootaxa</i> , 2010, 2383, 1.	0.5	66
22	Testing Species-Level Diversification Hypotheses in Madagascar: The Case of Microendemic <i>Brookesia</i> Leaf Chameleons. <i>Systematic Biology</i> , 2009, 58, 641-656.	5.6	65
23	Molecular phylogenetics reveals extreme morphological homoplasy in Brazilian worm lizards challenging current taxonomy. <i>Molecular Phylogenetics and Evolution</i> , 2009, 51, 190-200.	2.7	65
24	The Challenge of Conserving Amphibian Megadiversity in Madagascar. <i>PLoS Biology</i> , 2008, 6, e118.	5.6	58
25	European Atlantic: the hottest oil spill hotspot worldwide. <i>Die Naturwissenschaften</i> , 2004, 91, 535-538.	1.6	56
26	Recurrent ecological adaptations revealed through a molecular analysis of the secretive cophyline frogs of Madagascar. <i>Molecular Phylogenetics and Evolution</i> , 2005, 34, 315-322.	2.7	56
27	Radically different phylogeographies and patterns of genetic variation in two European brown frogs, genus <i>Rana</i> . <i>Molecular Phylogenetics and Evolution</i> , 2013, 68, 657-670.	2.7	56
28	Intraspecific variation in lizard heat tolerance alters estimates of climate impact. <i>Journal of Animal Ecology</i> , 2019, 88, 247-257.	2.8	56
29	Natural colonization or introduction? Phylogeographical relationships and morphological differentiation of house geckos (<i>Hemidactylus</i>) from Madagascar. <i>Biological Journal of the Linnean Society</i> , 2004, 83, 115-130.	1.6	53
30	Deep genealogical lineages in the widely distributed African helmeted terrapin: Evidence from mitochondrial and nuclear DNA (Testudines: Pelomedusidae: <i>Pelomedusa subrufa</i>). <i>Molecular Phylogenetics and Evolution</i> , 2010, 56, 428-440.	2.7	51
31	Reconstruction of the climate envelopes of salamanders and their evolution through time. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 19715-19722.	7.1	50
32	Spatial Biodiversity Patterns of Madagascar's Amphibians and Reptiles. <i>PLoS ONE</i> , 2016, 11, e0144076.	2.5	44
33	Montane Tadpoles in Madagascar: Molecular Identification and Description of the Larval Stages of <i>Mantidactylus elegans</i> , <i>Mantidactylus madecassus</i> , and <i>Boophis laurenti</i> from the Andringitra Massif. <i>Copeia</i> , 2005, 2005, 174-183.	1.3	38
34	Living on predictability: modelling the density distribution of efficient foraging seabirds. <i>Ecography</i> , 2012, 35, 912-921.	4.5	37
35	Review of the systematics, morphology and distribution of Asian Clawed Salamanders, genus <i>Onychodactylus</i> (Amphibia, Caudata: Hynobiidae), with the description of four new species. <i>Zootaxa</i> , 2012, 3465, 1.	0.5	36
36	Phenotypic plasticity of anuran larvae: environmental variables influence body shape and oral morphology in <i>Rana temporaria</i> tadpoles. <i>Journal of Zoology</i> , 2002, 257, 155-162.	1.7	33

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37	Individual and Geographic Variation of Skin Alkaloids in Three Species of Madagascan Poison Frogs (Mantella). <i>Journal of Chemical Ecology</i> , 2008, 34, 252-279.	1.8	32
38	Mitochondrial evidence for distinct phylogeographic units in the endangered Malagasy poison frog <i>Mantella bernhardi</i> . <i>Molecular Ecology</i> , 2006, 15, 1617-1625.	3.9	29
39	Coupling virtual watersheds with ecosystem services assessment: a 21st century platform to support river research and management. <i>Wiley Interdisciplinary Reviews: Water</i> , 2015, 2, 609-621.	6.5	29
40	Heat tolerance is more variable than cold tolerance across species of Iberian lizards after controlling for intraspecific variation. <i>Functional Ecology</i> , 2020, 34, 631-645.	3.6	29
41	Molecular phylogeny and biogeography of Malagasy frogs of the genus <i>Gephyromantis</i> . <i>Molecular Phylogenetics and Evolution</i> , 2012, 62, 555-560.	2.7	27
42	Seasonal climatic niches diverge in migratory birds. <i>Ibis</i> , 2020, 162, 318-330.	1.9	27
43	Amphibians and reptiles of the Ankaratra Massif: Reproductive diversity, biogeography and conservation of a montane fauna in Madagascar. <i>Italian Journal of Zoology</i> , 2002, 69, 263-284.	0.6	24
44	Statistical Language Backs Conservatism in Climate-Change Assessments. <i>BioScience</i> , 2019, 69, 209-219.	4.9	24
45	Phylogenomic inference of species and subspecies diversity in the Palearctic salamander genus <i>Salamandra</i> . <i>Molecular Phylogenetics and Evolution</i> , 2021, 157, 107063.	2.7	22
46	The importance of comparative phylogeography in diagnosing introduced species: a lesson from the seal salamander, <i>Desmognathus monticola</i> . <i>BMC Ecology</i> , 2007, 7, 7.	3.0	17
47	Discordant Patterns of Nuclear and Mitochondrial Introgression in Iberian Populations of the European Common Frog (<i>Rana temporaria</i>). <i>Journal of Heredity</i> , 2012, 103, 240-249.	2.4	16
48	Functional colour genes and signals of selection in colour polymorphic salamanders. <i>Molecular Ecology</i> , 2020, 29, 1284-1299.	3.9	15
49	Phylogeography and phylogenetic relationships of Malagasy tree and ground boas. <i>Biological Journal of the Linnean Society</i> , 2008, 95, 640-652.	1.6	13
50	Modelling Species' Climatic Distributions Under Habitat Constraints: A Case Study with <i>Coturnix coturnix</i> . <i>Annales Zoologici Fennici</i> , 2011, 48, 147-160.	0.6	13
51	Taxonomy and natural history of arboreal microhylid frogs (<i>Platypelis</i>) from the Tsaratanana Massif in northern Madagascar, with description of a new species. <i>Zootaxa</i> , 2012, 3563, 1.	0.5	13
52	Weak divergence among African, Malagasy and Seychellois hinged terrapins (<i>Pelusios castanoides</i> , P.) <i>Tj ETQq0 0 0 rgBT /Overlock 10 T</i> 2013, 13, 215-224.	1.6	12
53	Cytogenetic analysis of the Asian Plethodontid salamander, <i>Karsenia koreana</i> : Evidence for karyotypic conservation, chromosome repatterning, and genome size evolution. <i>Chromosome Research</i> , 2008, 16, 563-574.	2.2	11
54	Hypotheses on rostral shield evolution in fossorial lizards derived from the phylogenetic position of a new species of <i>Paracontias</i> (Squamata, Scincidae). <i>Organisms Diversity and Evolution</i> , 2011, 11, 135-150.	1.6	11

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55	Weak expression of reproductive seasonality in a dwarf gecko (<i>Lygodactylus verticillatus</i>) from arid south-western Madagascar. <i>Journal of Arid Environments</i> , 2004, 56, 329-338.	2.4	10
56	Genetic identification of units for conservation in tomato frogs, genus <i>Dyscophus</i> . <i>Conservation Genetics</i> , 2006, 7, 473-482.	1.5	10
57	Two New Microhylid Frogs of the Genus <i>Rhombophryne</i> with Superciliary Spines from the Tsaratanana Massif in Northern Madagascar. <i>Herpetologica</i> , 2015, 71, 310.	0.4	10
58	Individual and Geographic Variation of Skin Alkaloids in Three Swamp-Forest Species of Madagascan Poison Frogs (<i>Mantella</i>). <i>Journal of Chemical Ecology</i> , 2015, 41, 837-847.	1.8	10
59	Lack of evidence of a Pleistocene migratory switch in current bird long-distance migrants between Eurasia and Africa. <i>Journal of Biogeography</i> , 2020, 47, 1564-1573.	3.0	10
60	Description of a new divergent lineage and three new species of Honduran salamanders of the genus <i>Oedipina</i> (Caudata, Plethodontidae). <i>Zootaxa</i> , 2008, 1930, 1-17.	0.5	9
61	Fishery management has a strong effect on the distribution of Audouin's gull. <i>Marine Ecology - Progress Series</i> , 2013, 484, 279-286.	1.9	9
62	From Forest Dynamics to Wetland Siltation in Mountainous Landscapes: A RS-Based Framework for Enhancing Erosion Control. <i>Remote Sensing</i> , 2022, 14, 1864.	4.0	9
63	Seabird aggregative patterns: A new tool for offshore wind energy risk assessment. <i>Marine Pollution Bulletin</i> , 2013, 66, 84-91.	5.0	8
64	Productivity as the main factor correlating with migratory behaviour in the evolutionary history of warblers. <i>Journal of Zoology</i> , 2018, 306, 197-206.	1.7	8
65	A further new species of limbless skink, genus <i>Paracontias</i> , from eastern Madagascar. <i>African Journal of Herpetology</i> , 2009, 58, 98-105.	0.9	7
66	ACDC, a global database of amphibian cytochrome-b sequences using reproducible curation for GenBank records. <i>Scientific Data</i> , 2020, 7, 268.	5.3	7
67	Pleistocene glacial cycles as drivers of allopatric differentiation in Arctic shorebirds. <i>Journal of Biogeography</i> , 2021, 48, 747-759.	3.0	7
68	Review of the systematics, morphology and distribution of Malagasy dwarf geckos, genera <i>Lygodactylus</i> and <i>Microscalabotes</i> (Squamata: Gekkonidae). <i>Zootaxa</i> , 2009, 2103, 1-76.	0.5	7
69	Not all little brown frogs are the same: a new species of secretive and cryptic <i>Gephyromantis</i> (Anura: Tj ETQq1 1 0,784314 rgBT /Ovedlo	0.5	7
70	New records, distribution and conservation of <i>Mantella bernhardi</i> , an Endangered frog species from south-eastern Madagascar. <i>Oryx</i> , 2005, 39, 339-342.	1.0	6
71	Water deprivation drives intraspecific variability in lizard heat tolerance. <i>Basic and Applied Ecology</i> , 2020, 48, 37-51.	2.7	6
72	A new large and colorful skink of the genus <i>Amphiglossus</i> from Madagascar revealed by morphology and multilocus molecular study. <i>Zootaxa</i> , 2011, 2918, 47.	0.5	6

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73	Moving to the sea: a challenge for an inshore species, the slender-billed gull. <i>Marine Ecology - Progress Series</i> , 2012, 463, 285-295.	1.9	6
74	The complete mitochondrial genome of the Endangered European brown frog <i>Rana pyrenaica</i> through RNAseq. <i>Mitochondrial DNA Part B: Resources</i> , 2016, 1, 394-396.	0.4	5
75	Mitochondrial substitution rates estimation for divergence time analyses in modern birds based on full mitochondrial genomes. <i>Ibis</i> , 2021, 163, 1463-1471.	1.9	5
76	Summer habitat population estimate and body size variation in a high altitude population of <i>Rana temporaria</i> . <i>Amphibia - Reptilia</i> , 1999, 20, 431-435.	0.5	4
77	New treefrog of the genus <i>Boophis</i> Tschudi 1838 from the northwestern rainforests of Madagascar. <i>Tropical Zoology</i> , 2005, 18, 237-249.	0.6	4
78	Isolation and characterization of six polymorphic microsatellite loci for the Malagasy spider tortoise, <i>Pyxis arachnoides</i> and cross-amplification in <i>Pyxis planicauda</i> . <i>Amphibia - Reptilia</i> , 2013, 34, 125-128.	0.5	4
79	NA2RE is reliable but aims for improvement: an answer to Vamberger and Fritz (2018). <i>Biologia (Poland)</i> , 2018, 73, 1131-1135.	1.5	4
80	Challenges in estimating ancestral state reconstructions: the evolution of migration in <i>Sylvia</i> warblers as a study case. <i>Integrative Zoology</i> , 2020, 15, 161-173.	2.6	4
81	Hidden in plain sight: a new frog species of the genus <i>Blommersia</i> from the oceanic island of Mayotte, Comoros archipelago. <i>ZooKeys</i> , 2020, 994, 149-166.	1.1	4
82	Distribution and Population Density of the Black-Eared Malagasy Poison Frog, mantella <i>Milotympanum Staniszewski</i> , 1996 (<i>Amphibia: Mantellidae</i>). , 2005, , 197-204.		3
83	Two new species of leaf-tailed geckos (<i>Uroplatus</i>) from the Tsaratanana mountain massif in northern Madagascar. <i>Zootaxa</i> , 2017, 4347, 446.	0.5	3
84	Descriptive skeletal anatomy of <i>Blommersia transmarina</i> (<i>Amphibia: Anura: Mantellidae</i>) from the Comoro Islands. <i>Contributions To Zoology</i> , 2019, 89, 14-73.	0.5	2
85	Genotyping-by-Sequencing (GBS) of large amphibian genomes: a comparative study of two non-model species endemic to Italy. <i>Animal Biology</i> , 2019, 69, 307-326.	1.0	1
86	High haplotype diversity in a microendemic Malagasy gecko species, <i>Lygodactylus mirabilis</i> (Pasteur, 1845). <i>Journal of Herpetology</i> , 2019, 53, 100-106.	0.5	0
87	Complete mitochondrial genome of the Malagasy poison frog <i>Mantella baroni</i> through RNAseq. <i>Cogent Biology</i> , 2019, 5, 1679327.	1.7	0