

Vlad Dinca

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8038643/publications.pdf>

Version: 2024-02-01

64
papers

2,595
citations

201674

27
h-index

223800

46
g-index

71
all docs

71
docs citations

71
times ranked

2974
citing authors

#	ARTICLE	IF	CITATIONS
1	The isolated <i>Erebia pandrose</i> Apennine population is genetically unique and endangered by climate change. <i>Insect Conservation and Diversity</i> , 2022, 15, 136-148.	3.0	18
2	The genome sequence of the lesser marbled fritillary, <i>Brenthis ino</i> , and evidence for a segregating neo-Z chromosome. <i>C3: Genes, Genomes, Genetics</i> , 2022, 12, .	1.8	8
3	Genetic assessment and climate modelling of the Iberian specialist butterfly <i>Euchloe bazae</i> (Lepidoptera: Pieridae). <i>Insect Conservation and Diversity</i> , 2022, 15, 594-605.	3.0	2
4	Delimiting continuity: Comparison of target enrichment and double digest restriction site associated DNA sequencing for delineating admixing parapatric <i>Melitaea</i> butterflies. <i>Systematic Entomology</i> , 2022, 47, 637-654.	3.9	2
5	Genetics and extreme confinement of three overlooked butterfly species in Romania call for immediate conservation actions. <i>Journal of Insect Conservation</i> , 2021, 25, 137-146.	1.4	2
6	Overlooked cryptic diversity in <i>Muschampia</i> (Lepidoptera: Hesperiiidae) adds two species to the European butterfly fauna. <i>Zoological Journal of the Linnean Society</i> , 2021, 193, 847-859.	2.3	9
7	Two ways to be endemic. Alps and Apennines are different functional refugia during climatic cycles. <i>Molecular Ecology</i> , 2021, 30, 1297-1310.	3.9	27
8	High resolution DNA barcode library for European butterflies reveals continental patterns of mitochondrial genetic diversity. <i>Communications Biology</i> , 2021, 4, 315.	4.4	57
9	A DNA barcode library for the butterflies of North America. <i>PeerJ</i> , 2021, 9, e11157.	2.0	14
10	The Pleistocene species pump past its prime: Evidence from European butterfly sister species. <i>Molecular Ecology</i> , 2021, 30, 3575-3589.	3.9	35
11	Genomics Reveal Admixture and Unexpected Patterns of Diversity in a Parapatric Pair of Butterflies. <i>Genes</i> , 2021, 12, 2009.	2.4	5
12	Assigning occurrence data to cryptic taxa improves climatic niche assessments: Biodecrypt, a new tool tested on European butterflies. <i>Global Ecology and Biogeography</i> , 2020, 29, 1852-1865.	5.8	11
13	Incomplete Sterility of Chromosomal Hybrids: Implications for Karyotype Evolution and Homoploid Hybrid Speciation. <i>Frontiers in Genetics</i> , 2020, 11, 583827.	2.3	24
14	Rapid colour shift by reproductive character displacement in <i>Cupido</i> butterflies. <i>Molecular Ecology</i> , 2020, 29, 4942-4955.	3.9	10
15	How long is 3 km for a butterfly? Ecological constraints and functional traits explain high mitochondrial genetic diversity between Sicily and the Italian Peninsula. <i>Journal of Animal Ecology</i> , 2020, 89, 2013-2026.	2.8	29
16	Integrative analyses on Western Palearctic <i>Lasiommata</i> reveal a mosaic of nascent butterfly species. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2020, 58, 809-822.	1.4	12
17	Corrigendum to: <i>Thysanoplusia orichalcea</i> (Fabricius, 1775) (Lepidoptera, Noctuidae, Plusiinae) found again in Romania after more than 150 years. <i>Entomologica Romanica</i> , 2020, 24, 41-42.	0.2	0
18	<i>Thysanoplusia orichalcea</i> (Fabricius, 1775) (Lepidoptera, Noctuidae, Plusiinae) found again in Romania after more than 150 years. <i>Entomologica Romanica</i> , 2020, 24, 29-31.	0.2	1

#	ARTICLE	IF	CITATIONS
19	Integrating three comprehensive data sets shows that mitochondrial DNA variation is linked to species traits and paleogeographic events in European butterflies. <i>Molecular Ecology Resources</i> , 2019, 19, 1623-1636.	4.8	66
20	Lack of gene flow: Narrow and dispersed differentiation islands in a triplet of <i>Leptidea</i> butterfly species. <i>Molecular Ecology</i> , 2019, 28, 3756-3770.	3.9	31
21	A mirage of cryptic species: Genomics uncover striking mitonuclear discordance in the butterfly <i>Thymelicus sylvestris</i> . <i>Molecular Ecology</i> , 2019, 28, 3857-3868.	3.9	75
22	Dissecting the Effects of Selection and Mutation on Genetic Diversity in Three Wood White (<i>Leptidea</i>) Butterfly Species. <i>Genome Biology and Evolution</i> , 2019, 11, 2875-2886.	2.5	18
23	The conundrum of species delimitation: a genomic perspective on a mitogenetically super-variable butterfly. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191311.	2.6	37
24	Global invasion history of the agricultural pest butterfly <i>Pieris rapae</i> revealed with genomics and citizen science. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 20015-20024.	7.1	70
25	Integrating national Red Lists for prioritising conservation actions for European butterflies. <i>Journal of Insect Conservation</i> , 2019, 23, 301-330.	1.4	38
26	<i>Erebia epiphron</i> and <i>Erebia orientalis</i> : sibling butterfly species with contrasting histories. <i>Biological Journal of the Linnean Society</i> , 2019, 126, 338-348.	1.6	12
27	Two consecutive <i>Wolbachia</i> -mediated mitochondrial introgressions obscure taxonomy in Palearctic swallowtail butterflies (Lepidoptera, Papilionidae). <i>Zoologica Scripta</i> , 2019, 48, 507-519.	1.7	25
28	Use of genetic, climatic, and microbiological data to inform reintroduction of a regionally extinct butterfly. <i>Conservation Biology</i> , 2018, 32, 828-837.	4.7	26
29	Gene expression profiling across ontogenetic stages in the wood white (<i>Leptidea sinapis</i>) reveals pathways linked to butterfly diapause regulation. <i>Molecular Ecology</i> , 2018, 27, 935-948.	3.9	16
30	An updated checklist of the European Butterflies (Lepidoptera, Papilionoidea). <i>ZooKeys</i> , 2018, 811, 9-45.	1.1	90
31	Molecular phylogeny of the Palearctic butterfly genus <i>Pseudophilotes</i> (Lepidoptera: Lycaenidae) with focus on the Sardinian endemic <i>P. barbagiae</i> . <i>BMC Zoology</i> , 2018, 3, .	1.0	9
32	Versatility of multivalent orientation, inverted meiosis, and rescued fitness in holocentric chromosomal hybrids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E9610-E9619.	7.1	62
33	Historical and current patterns of gene flow in the butterfly <i>Pararge aegeria</i> . <i>Journal of Biogeography</i> , 2018, 45, 1628-1639.	3.0	18
34	First record of <i>Scopula orientalis</i> (Alphärsky, 1876) (Lepidoptera, Geometridae) in Romania, at the northern limit of the Balkans. <i>Nota Lepidopterologica</i> , 2018, 41, 189-197.	0.6	1
35	Climatic niche evolution is faster in sympatric than allopatric lineages of the butterfly genus <i>Pyrgus</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170208.	2.6	21
36	Genomics of extreme ecological specialists: multiple convergent evolution but no genetic divergence between ecotypes of <i>Maculinea alcon</i> butterflies. <i>Scientific Reports</i> , 2017, 7, 13752.	3.3	13

#	ARTICLE	IF	CITATIONS
37	Rise and fall of island butterfly diversity: Understanding genetic differentiation and extinction in a highly diverse archipelago. <i>Diversity and Distributions</i> , 2017, 23, 1169-1181.	4.1	32
38	Rapid Increase in Genome Size as a Consequence of Transposable Element Hyperactivity in Wood-White (<i>Leptidea</i>) Butterflies. <i>Genome Biology and Evolution</i> , 2017, 9, 2491-2505.	2.5	94
39	Integrative analyses unveil speciation linked to host plant shift in <i>Sialia</i> butterflies. <i>Molecular Ecology</i> , 2016, 25, 4267-4284.	3.9	44
40	Historical and contemporary factors generate unique butterfly communities on islands. <i>Scientific Reports</i> , 2016, 6, 28828.	3.3	29
41	Species-Level Para- and Polyphyly in DNA Barcode Gene Trees: Strong Operational Bias in European Lepidoptera. <i>Systematic Biology</i> , 2016, 65, 1024-1040.	5.6	160
42	Fissions, fusions, and translocations shaped the karyotype and multiple sex chromosome constitution of the northeast-Asian wood white butterfly, <i>Leptidea amurensis</i> . <i>Biological Journal of the Linnean Society</i> , 2016, 118, 457-471.	1.6	49
43	The sibling species <i>Leptidea juvernica</i> and <i>L. sinapis</i> (Lepidoptera, Pieridae) in the Balkan Peninsula: ecology, genetic structure, and morphological variation. <i>Zoology</i> , 2016, 119, 11-20.	1.2	6
44	Why Do Cryptic Species Tend Not to Co-Occur? A Case Study on Two Cryptic Pairs of Butterflies. <i>PLoS ONE</i> , 2015, 10, e0117802.	2.5	63
45	Dynamic karyotype evolution and unique sex determination systems in <i>Leptidea</i> wood white butterflies. <i>BMC Evolutionary Biology</i> , 2015, 15, 89.	3.2	51
46	DNA barcode reference library for Iberian butterflies enables a continental-scale preview of potential cryptic diversity. <i>Scientific Reports</i> , 2015, 5, 12395.	3.3	110
47	Cryptic matters: overlooked species generate most butterfly beta-diversity. <i>Ecography</i> , 2015, 38, 405-409.	4.5	62
48	Biodiversity inventories in high gear: DNA barcoding facilitates a rapid biotic survey of a temperate nature reserve. <i>Biodiversity Data Journal</i> , 2015, 3, e6313.	0.8	69
49	Biogeography of western Mediterranean butterflies: combining turnover and nestedness components of faunal dissimilarity. <i>Journal of Biogeography</i> , 2014, 41, 1639-1650.	3.0	45
50	Comparing population patterns for genetic and morphological markers with uneven sample sizes. An example for the butterfly <i>Maniola jurtina</i> . <i>Methods in Ecology and Evolution</i> , 2014, 5, 834-843.	5.2	9
51	A unified framework for diversity gradients: the adaptive trait continuum. <i>Global Ecology and Biogeography</i> , 2013, 22, 6-18.	5.8	41
52	Reproductive isolation and patterns of genetic differentiation in a cryptic butterfly species complex. <i>Journal of Evolutionary Biology</i> , 2013, 26, 2095-2106.	1.7	60
53	Factors affecting species delimitations with the GMYC model: insights from a butterfly survey. <i>Methods in Ecology and Evolution</i> , 2013, 4, 1101-1110.	5.2	271
54	Dispersal, fragmentation, and isolation shape the phylogeography of the European lineages of <i>Polyommatus</i> (<i>Agrodiaetus</i>) <i>ripartii</i> (Lepidoptera: Lycaenidae). <i>Biological Journal of the Linnean Society</i> , 2013, 109, 817-829.	1.6	23

#	ARTICLE	IF	CITATIONS
55	Biogeography and systematics of <i>Aricia</i> butterflies (Lepidoptera, Lycaenidae). <i>Molecular Phylogenetics and Evolution</i> , 2013, 66, 369-379.	2.7	16
56	Identifying zones of phenetic compression in West Mediterranean butterflies (Satyrinae): refugia, invasion and hybridization. <i>Diversity and Distributions</i> , 2012, 18, 1066-1076.	4.1	21
57	Unexpected layers of cryptic diversity in wood white <i>Leptidea</i> butterflies. <i>Nature Communications</i> , 2011, 2, 324.	12.8	131
58	Phylogenetic island disequilibrium: evidence for ongoing long-term population dynamics in two Mediterranean butterflies. <i>Journal of Biogeography</i> , 2011, 38, 854-867.	3.0	18
59	A combined genetic–morphometric analysis unravels the complex biogeographical history of <i>Polyommatus icarus</i> and <i>Polyommatus celina</i> Common Blue butterflies. <i>Molecular Ecology</i> , 2011, 20, 3921-3935.	3.9	62
60	Unprecedented within-species chromosome number cline in the Wood White butterfly <i>Leptidea sinapis</i> and its significance for karyotype evolution and speciation. <i>BMC Evolutionary Biology</i> , 2011, 11, 109.	3.2	74
61	Complete DNA barcode reference library for a country's butterfly fauna reveals high performance for temperate Europe. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 347-355.	2.6	135
62	Biogeography, ecology and conservation of <i>Erebia oeme</i> (H࿋ner) in the Carpathians (Lepidoptera: Nymphalidae: Satyrinae). <i>Annales De La Societe Entomologique De France</i> , 2010, 46, 486-498.	0.9	8
63	Improving knowledge of the subgenus <i>Agrodiaetus</i> (Lepidoptera: Lycaenidae: <i>Polyommatus</i>) in Eastern Europe: Overview of the Romanian fauna. <i>European Journal of Entomology</i> , 0, 114, 179-194.	1.2	4
64	An updated checklist of the European Butterflies (Lepidoptera, Papilionoidea). <i>ZooKeys</i> , 0, 811, 9-45.	1.1	3