

# Valerio Sbordoni

## List of Publications by Year in descending order

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103  
papers

2,249  
citations

201385

27  
h-index

264894

42  
g-index

110  
all docs

110  
docs citations

110  
times ranked

2467  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial DNA Rates and Biogeography in European Newts (Genus <i>Euproctus</i> ). <i>Systematic Biology</i> , 1997, 46, 126-144.	2.7	114
2	A molecular phylogeny of antarctic chironomidae and its implications for biogeographical history. <i>Polar Biology</i> , 2006, 29, 320-326.	0.5	104
3	Bottleneck effects and the depression of genetic variability in hatchery stocks of <i>Penaeus japonicus</i> (Crustacea, Decapoda). <i>Aquaculture</i> , 1986, 57, 239-251.	1.7	97
4	Pleistocene evolutionary history of the Clouded Apollo ( <i>Parnassius mnemosyne</i> ): genetic signatures of climate cycles and a time-dependent mitochondrial substitution rate. <i>Molecular Ecology</i> , 2008, 17, 4248-4262.	2.0	79
5	Hammerhead-mediated processing of satellite pDo500 family transcripts from Dolichopoda cave crickets. <i>Nucleic Acids Research</i> , 2000, 28, 4037-4043.	6.5	72
6	Genetic structure and allozyme variation of sea bass ( <i>Dicentrarchus labrax</i> and <i>D. punctatus</i> ) in the Mediterranean Sea. <i>Marine Biology</i> , 1997, 128, 347-358.	0.7	71
7	Mimicry in the burnet moth <i>Zygaena ephialtes</i> : population studies and evidence of a Batesian-Müllerian situation. <i>Ecological Entomology</i> , 1979, 4, 83-93.	1.1	69
8	Molecular biogeography: using the Corsica-Sardinia microplate disjunction to calibrate mitochondrial rDNA evolutionary rates in mountain newts ( <i>Euproctus</i> ). <i>Journal of Evolutionary Biology</i> , 1994, 7, 227-245.	0.8	64
9	Genetic Differentiation Within the European Sea Bass ( <i>D. labrax</i> ) as Revealed by RAPD-PCR Assays. <i>Journal of Heredity</i> , 1997, 88, 316-324.	1.0	60
10	Tempo and mode of species diversification in Dolichopoda cave crickets (Orthoptera, Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td (Rha	1.2	60
11	Evolutionary geographic relationships among orthocladine chironomid midges from maritime Antarctic and sub-Antarctic islands. <i>Biological Journal of the Linnean Society</i> , 2012, 106, 258-274.	0.7	59
12	Asymmetrical responses of forest and beyond edge arthropod communities across a forest-grassland ecotone. <i>Biodiversity and Conservation</i> , 2015, 24, 447-465.	1.2	53
13	Genetic structure of natural populations of <i>Castanea sativa</i> in Turkey: evidence of a hybrid zone. <i>Journal of Evolutionary Biology</i> , 1999, 12, 233-244.	0.8	51
14	An overlooked pink species of land iguana in the Galápagos. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 507-511.	3.3	48
15	Phylogeography of <i>Parnassius apollo</i> : hints on taxonomy and conservation of a vulnerable glacial butterfly invader. <i>Biological Journal of the Linnean Society</i> , 2010, 101, 169-183.	0.7	48
16	MOLECULAR EVOLUTIONARY DIVERGENCE AMONG NORTH AMERICAN CAVE CRICKETS. I. ALLOZYME VARIATION. <i>Evolution; International Journal of Organic Evolution</i> , 1987, 41, 1198-1214.	1.1	46
17	Molecular phylogeography of Dolichopoda cave crickets (Orthoptera, Rhabdophoridae): A scenario suggested by mitochondrial DNA. <i>Molecular Phylogenetics and Evolution</i> , 2005, 37, 153-164.	1.2	46
18	Testing phylogenetic hypotheses for reconstructing the evolutionary history of Dolichopoda cave crickets in the eastern Mediterranean. <i>Journal of Biogeography</i> , 2009, 36, 1785-1797.	1.4	45

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19	The evolutionary jigsaw puzzle of the surviving trout ( <i>Salmo trutta</i> L. complex) diversity in the Italian region. A multilocus Bayesian approach. <i>Molecular Phylogenetics and Evolution</i> , 2014, 79, 292-304.	1.2	42
20	Multivariate Morphometrics in Aquaculture: A Case Study of Six Stocks of the Common Carp ( <i>Cyprinus carpio</i> ) from Italy. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1988, 45, 1548-1554.	0.7	41
21	Mitochondrial DNA sequence analysis of the spectacled salamander, <i>Salamandrina terdigitata</i> (Urodela: Salamandridae), supports the existence of two distinct species. <i>Zootaxa</i> , 2005, 995, 1-19.	0.2	38
22	Acclimation of the European sea bass to freshwater: monitoring genetic changes by RAPD polymerase chain reaction to detect DNA polymorphisms. <i>Marine Biology</i> , 1995, 121, 591-599.	0.7	36
23	Mitochondrial phylogeography of the Holarctic <i>Parnassius phoebus</i> complex supports a recent refugial model for alpine butterflies. <i>Journal of Biogeography</i> , 2012, 39, 1058-1072.	1.4	36
24	The first red list of Italian butterflies. <i>Insect Conservation and Diversity</i> , 2018, 11, 506-521.	1.4	36
25	Testing Classical Species Properties with Contemporary Data: How "Bad Species" in the Brassy Ringlets ( <i>Erebia tyndarus</i> complex, Lepidoptera) Turned Good. <i>Systematic Biology</i> , 2016, 65, 292-303.	2.7	33
26	Phylogeography of an Italian endemic salamander (genus <i>Salamandrina</i> ): glacial refugia, postglacial expansions, and secondary contact. <i>Biological Journal of the Linnean Society</i> , 2011, 104, 903-992.	0.7	32
27	Adaptation and speciation of Dolichopoda cave crickets (Orthoptera, Rhaphidophoridae): geographic variation of morphometric indices and allozyme frequencies. <i>Biological Journal of the Linnean Society</i> , 1987, 31, 151-160.	0.7	31
28	Plant sciences and the Italian National Biodiversity Network. <i>Plant Biosystems</i> , 2011, 145, 758-761.	0.8	29
29	Patterns of evolution and multidimensional systematics in graylings (Lepidoptera: Hipparchia). <i>Biological Journal of the Linnean Society</i> , 1994, 52, 101-119.	0.7	27
30	Unveiling an ancient biological invasion: molecular analysis of an old European alien, the crested porcupine ( <i>Hystrix cristata</i> ). <i>BMC Evolutionary Biology</i> , 2009, 9, 109.	3.2	27
31	Molecular Phylogenies in Dolichopoda Cave Crickets and mtDNA Rate Calibration. <i>Molecular Phylogenetics and Evolution</i> , 1993, 2, 275-280.	1.2	24
32	Characterization of a species-specific satellite DNA family of Dolichopoda schiavazzii (Orthoptera, Rhaphidophoridae). <i>Molecular Biology and Evolution</i> , 2010, 27, 1000-1008.	0.8	23
33	Phylogeography of <i>Helleria brevicornis</i> Ebner 1868 (Crustacea, Oniscidea): Old and recent differentiations of an ancient lineage. <i>Molecular Phylogenetics and Evolution</i> , 2010, 54, 640-646.	1.2	22
34	Cave Crickets and Cave Weta (Orthoptera, Rhaphidophoridae) from the Southern End of the World: A Molecular Phylogeny Test of Biogeographical Hypotheses. <i>Journal of Orthoptera Research</i> , 2010, 19, 121-130.	0.4	22
35	Genetic differentiation and hybridization in two naturally occurring sympatric trout <i>Salmo</i> spp. forms from a small karstic lake. <i>Journal of Fish Biology</i> , 2013, 82, 637-657.	0.7	22
36	Genetic variability and divergence between populations and species of <i>Nesticus</i> cave spiders. <i>Genetica</i> , 1981, 56, 81-92.	0.5	21

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37	Comparing patterns of geographic variation in cave crickets by combining geostatistic methods and Mantel tests. <i>Journal of Biogeography</i> , 1997, 24, 419-431.	1.4	19
38	Distribution and morphological characterization of the endemic Italian salamanders <i>Salamandrina perspicillata</i> (Savi, 1821) and <i>S. terdigitata</i> (Bonnaterre, 1789) (Caudata: Salamandridae). <i>Italian Journal of Zoology</i> , 2009, 76, 422-432.	0.6	19
39	Molecular phylogeography of <i>Troglophilus</i> cave crickets (Orthoptera, Rhaphidophoridae): A combination of vicariance and dispersal drove diversification in the East Mediterranean region. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2017, 55, 310-325.	0.6	19
40	Biochemical divergence between cavernicolous and marine Sphaeromidae and the Mediterranean salinity crisis. <i>Experientia</i> , 1980, 36, 48-50.	1.2	18
41	Tandemly repeated satellite DNA of <i>Dolichopoda schiavazzii</i> : A test for models on the evolution of highly repetitive DNA. <i>Journal of Molecular Evolution</i> , 1996, 43, 135-144.	0.8	18
42	Patterns of gene flow and genetic structure in cave-dwelling crickets of the Tuscan endemic, <i>Dolichopoda schiavazzii</i> (Orthoptera, Rhaphidophoridae). <i>Heredity</i> , 1997, 78, 665-673.	1.2	18
43	Mitochondrial DNA variation in roe deer ( <i>Capreolus capreolus</i> ) from Italy: Evidence of admixture in one of the last <i>C. c. italicus</i> pure populations from central-southern Italy. <i>Italian Journal of Zoology</i> , 2009, 76, 16-27.	0.6	18
44	Electrophoretic studies of gene-enzyme systems: Microevolutionary processes and phylogenetic inference. <i>Bollettino Di Zoologia</i> , 1980, 47, 95-112.	0.3	16
45	Evolutionary divergence in <i>Dolichopoda</i> cave crickets: A comparison of single copy DNA hybridization data with allozymes and morphometric distances. <i>Journal of Evolutionary Biology</i> , 1992, 5, 121-148.	0.8	16
46	Genetic structure of populations and species of <i>Dolichopoda</i> cave crickets: evidence of peripatric divergence. <i>Bollettino Di Zoologia</i> , 1985, 52, 139-156.	0.3	14
47	A narrow hybrid zone between two crayfish species from a Mexican cave. <i>Journal of Evolutionary Biology</i> , 1992, 5, 643-659.	0.8	14
48	Morphometric analysis of interspecific and microgeographic variation of crayfish from a Mexican cave. <i>Biological Journal of the Linnean Society</i> , 1992, 47, 455-468.	0.7	14
49	A taxonomic revision of western <i>Eupholidoptera</i> bush crickets (Orthoptera): <i>Tj ETQq1 1 0.784314 rgBT /Overlock</i> <i>Entomology</i> , 2014, 39, 7-23.	1.7	14
50	Diet of the newt, <i>Triturus carnifex</i> (Laurenti, 1768), in the flooded karst sinkhole Pozzo del Merro, central Italy. <i>Journal of Cave and Karst Studies</i> , 2012, 74, 271-277.	0.3	14
51	Allozymic and morphometric analysis of populations in the <i>Zygaena purpuralis</i> complex (Lepidoptera.) <i>Tj ETQq1 1 0.784314 rgBT /Overlock</i> <i>Entomology</i> , 2014, 39, 7-23.	0.7	13
52	Molecular systematics and the multidimensional concept of species. <i>Biochemical Systematics and Ecology</i> , 1993, 21, 39-42.	0.6	13
53	Allozyme and microsatellite genetic variation in natural samples of zebrafish, <i>Danio rerio</i> . <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2004, 42, 54-62.	0.6	13
54	Species and mate recognition in two sympatric Grayling butterflies: <i>Hipparchia fagi</i> and <i>H. hermione genava</i> (Lepidoptera). <i>Ethology Ecology and Evolution</i> , 2013, 25, 28-51.	0.6	13

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55	Molecular Evolutionary Divergence Among North American Cave Crickets. I. Allozyme Variation. Evolution; International Journal of Organic Evolution, 1987, 41, 1198.	1.1	12
56	Phylogeography and systematics of the westernmost Italian Dolichopoda species (Orthoptera, Rhabdophoridae). ZooKeys, 2014, 437, 1-23.	0.5	12
57	Genetic variability and divergence between cave dwelling populations of Typhlocirolana from majorca and sicily. Biochemical Systematics and Ecology, 1986, 14, 215-221.	0.6	11
58	Molecular evolution of the pDo500 satellite DNA family in Dolichopoda cave crickets (Rhabdophoridae). BMC Evolutionary Biology, 2009, 9, 301.	3.2	11
59	Chemically mediated species recognition in two sympatric Grayling butterflies: Hipparchia fagi and Hipparchia hermione (Lepidoptera: Nymphalidae, Satyrinae). PLoS ONE, 2018, 13, e0199997.	1.1	11
60	Phosphoglucomutase polymorphism and natural selection in populations of the cave cricket Dolichopoda geniculata. Journal of Zoological Systematics and Evolutionary Research, 2009, 14, 292-299.	0.6	10
61	High variability in the expression of circadian rhythms in a cave beetle population. Biological Rhythm Research, 2014, 45, 925-939.	0.4	10
62	INDIRECT METHODS TO ESTIMATE GENE FLOW IN CAVE AND SURFACE POPULATIONS OF ANDRONISCUS DENTIGER (ISOPODA: ONISCIDEA). Evolution; International Journal of Organic Evolution, 1998, 52, 432-442.	1.1	9
63	Genotoxicity testing for radon exposure: Dolichopoda (Orthoptera, Rhabdophoridae) as potential bio-indicator of confined environments. Environmental Epigenetics, 2014, 60, 299-307.	0.9	9
64	Insights into the molecular phylogeny of Rhabdophoridae, an ancient, worldwide lineage of Orthoptera. Molecular Phylogenetics and Evolution, 2019, 138, 126-138.	1.2	9
65	Natural and experimental interspecific hybridization between populations of Dolichopoda cave crickets. Experientia, 1982, 38, 96-98.	1.2	8
66	Life cycle and age structure of Dolichopoda populations (Orthoptera, Rhabdophoridae) from natural and artificial cave habitats. Bollettino Di Zoologia, 1987, 54, 337-340.	0.3	8
67	Contrasting age structures in cave cricket populations: patterns and significance. Ecological Entomology, 1991, 16, 305-314.	1.1	8
68	Modelling landscape dynamics in a glacial refugium – or the spatial and temporal fluctuations of tree line altitudes. Journal of Biogeography, 2013, 40, 1767-1779.	1.4	8
69	New data on Weddell seal (Leptonychotes weddellii) colonies: A genetic analysis of a top predator from the Ross Sea, Antarctica. PLoS ONE, 2017, 12, e0182922.	1.1	8
70	Effects of Holocene climate changes on alpine ecosystems: Nonequilibrium dynamics drive insect species richness on alpine islands. Journal of Biogeography, 2019, 46, 2248-2259.	1.4	8
71	Trophic niche, age structure and seasonality in Dolichopoda cave crickets. Ecography, 1995, 18, 217-224.	2.1	7
72	Population Structure. , 2012, , 608-618.		7

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73	Cloning and characterization of the European seabass, <i>Dicentrarchus labrax</i> , mitochondrial genome. <i>Current Genetics</i> , 1994, 26, 139-145.	0.8	5
74	Deciphering range dynamics: effects of niche stability areas and post-glacial colonization on alpine species distribution. <i>Journal of Biogeography</i> , 2016, 43, 2186-2198.	1.4	5
75	Life-history variation in Dolichopoda cave crickets. , 1994, , 205-226.		5
76	Is Radon Emission in Caves Causing Deletions in Satellite DNA Sequences of Cave-Dwelling Crickets?. <i>PLoS ONE</i> , 2015, 10, e0122456.	1.1	5
77	Molecular biogeography: using the Corsica-Sardinia microplate disjunction to calibrate mitochondrial rDNA evolutionary rates in mountain newts ( <i>Euproctus</i> ). <i>Journal of Evolutionary Biology</i> , 1994, 7, 523-524.	0.8	4
78	Development of primers to amplify mitochondrial DNA control region of Old World porcupines (subgenus <i>Hystrix</i> ). <i>Molecular Ecology Resources</i> , 2008, 8, 1139-1141.	2.2	4
79	Genetic differentiation and variability in cave dwelling and brackish water populations of Mysidacea (Crustacea). <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2009, 20, 198-208.	0.6	4
80	The underwater exploration of the Merro sinkhole and the associated diving physiological and psychological effects. <i>Underwater Technology</i> , 2010, 29, 125-134.	0.3	4
81	Absolute population censuses of cave-dwelling crickets: congruence between mark-recapture and plot density estimates. <i>International Journal of Speleology</i> , 1982, 12, 29-36.	0.4	4
82	Evolutionary genetics and morphometrics of a cave crayfish population from Chiapas (Mexico). <i>International Journal of Speleology</i> , 1988, 17, 65-80.	0.4	4
83	Length variation in mtDNA control region in hatchery stocks of European sea bass subjected to acclimation experiments. <i>Genetics Selection Evolution</i> , 1998, 30, 1.	1.2	3
84	Indirect Methods to Estimate Gene Flow in Cave and Surface Populations of <i>Androniscus dentiger</i> (Isopoda: Oniscidea). <i>Evolution; International Journal of Organic Evolution</i> , 1998, 52, 432.	1.1	3
85	Filogeografia comparata di <i>Parnassius apollo</i> e <i>P. mnemosyne</i> . Un contributo genetico-molecolare alla biogeografia dell'Appennino. <i>Biogeographia</i> , 2006, 27, .	0.3	3
86	A genetic characterization of European Woodcock ( <i>Scolopax rusticola</i> , Charadriidae.) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 Td (Char</i>	0.6	3
87	Three new species of <i>Bathysciola</i> Jeannel, 1910 (Leiodidae, Cholevinae, Leptodirini) from caves in Central Italy, comparing morphological taxonomy with molecular phylogeny. <i>Insect Systematics and Evolution</i> , 2018, 49, 409-442.	0.2	3
88	Prime osservazioni ultrastrutturali sull'organo antennale dei Bathysciinae. <i>Bollettino Di Zoologia</i> , 1967, 34, 84-85.	0.3	2
89	MOLECULAR BIOGEOGRAPHY OF CAVE LIFE: A STUDY USING MITOCHONDRIAL DNA FROM BATHYSCIINE BEETLES. <i>Evolution; International Journal of Organic Evolution</i> , 2001, 55, 122.	1.1	2
90	Scientists by chance: reliability of non-structured primary biodiversity data. Insights from Italian Forums of Natural Sciences. <i>Biogeographia</i> , 2021, 36, .	0.3	2

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91	Volunteers Recruitment, Retention, and Performance during the CSMON-LIFE (Citizen Science) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.6	2
92	Restriction enzymes induced bands in the cave cricket <i>Dolichopoda schiavazzii</i> (Orthoptera,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 T distribution. <i>Bollettino Di Zoologia</i> , 1994, 61, 149-153.	0.3	1
93	Isolation of novel microsatellite markers for the clouded Apollo ( <i>P. mnemosyne</i> Linnaeus, 1758;) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.8	1
94	DNA Barcodes of the animal species occurring in Italy under the European "Habitats Directive" (92/43/EEC): a reference library for the Italian National Biodiversity Network. <i>Biogeographia</i> , 2017, 32, .	0.3	1
95	ClimCKmap, a spatially, temporally and climatically explicit distribution database for the Italian fauna. <i>Scientific Data</i> , 2019, 6, 195.	2.4	1
96	Preliminary molecular phylogeny and biogeography of the monobasic subfamily Calinaginae (Lepidoptera, Nymphalidae). <i>Zoosystematics and Evolution</i> , 2017, 93, 243-254.	0.4	1
97	Osservazioni biogeografiche sulla fauna cavernicola' dell'Appennino centrale. <i>Biogeographia</i> , 1971, 2, .	0.3	0
98	Biospeleology. <i>Bollettino Di Zoologia</i> , 1986, 53, 101-107.	0.3	0
99	Vertebrate ecology and ethology. <i>Bollettino Di Zoologia</i> , 1986, 53, 83-91.	0.3	0
100	Population biology. <i>Bollettino Di Zoologia</i> , 1986, 53, 61-69.	0.3	0
101	European Society for Evolutionary Biology 2nd Congress Roma, Italy - September 3-7, 1989. <i>Journal of Evolutionary Biology</i> , 1989, 2, 60-60.	0.8	0
102	European Society for Evolutionary Biology 2nd Congress Roma, Italy " September 3"7, 1989. <i>Journal of Evolutionary Biology</i> , 1989, 2, 314-314.	0.8	0
103	Divergenza genetica tra popolazioni e specie ipogee ed epigee di <i>Niphargus</i> (Crustacea, Amphipoda). <i>Biogeographia</i> , 0, 6, .	0.3	0