Spartak N Litvinchuk

List of Publications by Year
in descending order

68	2,094	257450 24	265206 42
papers	citations	h-index	g-index

70	70	70	1781
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A molecular assessment of phylogenetic relationships and lineage accumulation rates within the family Salamandridae (Amphibia, Caudata). Molecular Phylogenetics and Evolution, 2006, 41, 368-383.	2.7	131
2	Mitochondrial phylogeography of the moor frog, Rana arvalis. Molecular Ecology, 2004, 13, 1469-1480.	3.9	108
3	Phylogeographic patterns of genetic diversity in eastern Mediterranean water frogs were determined by geological processes and climate change in the Late Cenozoic. Journal of Biogeography, 2010, 37, 2111-2124.	3.0	101
4	Cryptic diversity among Western Palearctic tree frogs: Postglacial range expansion, range limits, and secondary contacts of three European tree frog lineages (Hyla arborea group). Molecular Phylogenetics and Evolution, 2012, 65, 1-9.	2.7	97
5	Widespread unidirectional transfer of mitochondrial DNA: a case in western Palaearctic water frogs. Journal of Evolutionary Biology, 2008, 21, 668-681.	1.7	96
6	Mitochondrial and nuclear phylogeny of circum-Mediterranean tree frogs from the Hyla arborea group. Molecular Phylogenetics and Evolution, 2008, 49, 1019-1024.	2.7	93
7	Tracing glacial refugia of Triturus newts based on mitochondrial DNA phylogeography and species distribution modeling. Frontiers in Zoology, 2013, 10, 13.	2.0	89
8	Molecular phylogenetics and historical biogeography of the west-palearctic common toads (Bufo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.7	88
9	Nuclear and mitochondrial phylogeography of the European fireâ€bellied toadsBombina bombinaandBombina variegatasupports their independent histories. Molecular Ecology, 2011, 20, 3381-3398.	3.9	68
10	Fifteen shades of green: The evolution of Bufotes toads revisited. Molecular Phylogenetics and Evolution, 2019, 141, 106615.	2.7	65
11	Are glacial refugia hotspots of speciation and cytonuclear discordances? Answers from the genomic phylogeography of Spanish common frogs. Molecular Ecology, 2020, 29, 986-1000.	3.9	63
12	Sex-Chromosome Homomorphy in Palearctic Tree Frogs Results from Both Turnovers and Xâ€“Y Recombination. Molecular Biology and Evolution, 2015, 32, 2328-2337.	8.9	57
13	Radically different phylogeographies and patterns of genetic variation in two European brown frogs, genus Rana. Molecular Phylogenetics and Evolution, 2013, 68, 657-670.	2.7	56
14	Evolutionary melting pots: a biodiversity hotspot shaped by ring diversifications around the Black Sea in the Eastern tree frog (Hyla orientalis). Molecular Ecology, 2016, 25, 4285-4300.	3.9	53
15	Phylogeography of a cryptic speciation continuum in Eurasian spadefoot toads (Pelobates). Molecular Ecology, 2019, 28, 3257-3270.	3.9	50
16	Amphibians crossing the Bering Land Bridge: Evidence from holarctic treefrogs (Hyla, Hylidae, Anura). Molecular Phylogenetics and Evolution, 2015, 87, 80-90.	2.7	49
17	Mass of genes rather than master genes underlie the genomic architecture of amphibian speciation. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	45
18	Phylogeography reveals an ancient cryptic radiation in East-Asian tree frogs (Hyla japonica group) and complex relationships between continental and island lineages. BMC Evolutionary Biology, 2016, 16, 253.	3.2	42

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19	Genetic data reveal that water frogs of Cyprus (genusPelophylax) are an endemic species of Messinian origin. Zoosystematics and Evolution, 2012, 88, 261-283.	1.1	37
20	The Near East as a cradle of biodiversity: A phylogeography of banded newts (genus Ommatotriton) reveals extensive inter- and intraspecific genetic differentiation. Molecular Phylogenetics and Evolution, 2017, 114, 73-81.	2.7	37
21	Fossorial but widespread: the phylogeography of the common spadefoot toad (Pelobates fuscus), and the role of the Po Valley as a major source of genetic variability. Molecular Ecology, 2007, 16, 2734-2754.	3.9	35
22	Genetic Divergence and Evolution of Reproductive Isolation in Eastern Mediterranean Water Frogs. , 2010, , 373-403.		35
23	A revised taxonomy of crested newts in the <i>Triturus karelinii</i> group (Amphibia:) Tj ETQq1 1 0.784314 rgBT /Overlock	0.5	32
24	Optional Endoreplication and Selective Elimination of Parental Genomes during Oogenesis in Diploid and Triploid Hybrid European Water Frogs. PLoS ONE, 2015, 10, e0123304.	2.5	32
25	Genomic Evidence for Cryptic Speciation in Tree Frogs From the Apennine Peninsula, With Description of Hyla perrini sp. nov. Frontiers in Ecology and Evolution, 2018, 6, .	2.2	32
26	Correlations of geographic distribution and temperature of embryonic development with the nuclear DNA content in the Salamandridae (Urodela, Amphibia). Genome, 2007, 50, 333-342.	2.0	25
27	Mutual maintenance of di- and triploid Pelophylax esculentus hybrids in R-E systems: results from artificial crossings experiments. BMC Evolutionary Biology, 2017, 17, 220.	3.2	25
28	Gamete production patterns and mating systems in water frogs of the hybridogenetic Pelophylax esculentus complex in north-eastern Ukraine. Journal of Zoological Systematics and Evolutionary Research, 2016, 54, 215-225.	1.4	24
29	Hybridization and introgression between toads with different sex chromosome systems. Evolution Letters, 2020, 4, 444-456.	3.3	22
30	Call a spade a spade: taxonomy and distribution of Pelobates, with description of a new Balkan endemic. ZooKeys, 2019, 859, 131-158.	1.1	22
31	The effect of phylogeographic history on species boundaries: a comparative framework in Hyla tree frogs. Scientific Reports, 2020, 10, 5502.	3.3	21
32	Diversity, distribution and molecular species delimitation in frogs and toads from the Eastern Palaearctic. Zoological Journal of the Linnean Society, 2022, 195, 695-760.	2.3	20
33	Variation in hybridogenetic hybrid emergence between populations of water frogs from the Pelophylax esculentus complex. PLoS ONE, 2019, 14, e0224759.	2.5	19
34	A record of alien Pelophylax species and widespread mitochondrial DNA transfer in Kaliningradskaya Oblastâ€™ (the Baltic coast, Russia). BioInvasions Records, 2020, 9, 599-617.	1.1	19
35	Cytological maps of lampbrush chromosomes of European water frogs (Pelophylax) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 102	2.7	18
36	Phylogeographic patterns of genetic diversity in the common spadefoot toad, Pelobates fuscus (Anura: Pelobatidae), reveals evolutionary history, postglacial range expansion and secondary contact. Organisms Diversity and Evolution, 2013, 13, 433-451.	1.6	18

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37	Origin and genome evolution of polyploid green toads in Central Asia: evidence from microsatellite markers. Heredity, 2015, 114, 300-308.	2.6	18
38	Tracing a toad invasion: lack of mitochondrial DNA variation, haplotype origins, and potential distribution of introduced Duttaphrynus melanostictus in Madagascar. Amphibia - Reptilia, 2017, 38, 197-207.	0.5	18
39	Update on Distribution and Conservation Status of Amphibians in the Democratic Peopleâ€™s Republic of Korea: Conclusions Based on Field Surveys, Environmental Modelling, Molecular Analyses and Call Properties. Animals, 2021, 11, 2057.	2.3	18
40	From Gondwana to the Yellow Sea, evolutionary diversifications of true toads Bufo sp. in the Eastern Palearctic and a revisit of species boundaries for Asian lineages. ELife, 2022, 11, .	6.0	18
41	Revisiting a speciation classic: Comparative analyses support sharp but leaky transitions between Bombina toads. Journal of Biogeography, 2021, 48, 548-560.	3.0	17
42	Genetic structure, morphological variation, and gametogenic peculiarities in water frogs () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td Evolutionary Research, 2021, 59, 646-662.	1.4	16
43	A river runs through it: tree frog genomics supports the Dead Sea Rift as a rare phylogeographical break. Biological Journal of the Linnean Society, 2019, 128, 130-137.	1.6	13
44	Diversification and speciation in tree frogs from the Maghreb (Hyla meridionalis sensu lato), with description of a new African endemic. Molecular Phylogenetics and Evolution, 2019, 134, 291-299.	2.7	13
45	Strigea robusta causes polydactyly and severe forms of Rostandâ€™s anomaly P in water frogs. Parasites and Vectors, 2020, 13, 381.	2.5	12
46	Morphological diversity and widespread hybridization in the genus Bythotrephes leydig, 1860 (Branchiopoda, Onychopoda, Cercopagidae). Archives of Biological Sciences, 2016, 68, 67-79.	0.5	11
47	Species composition and distributional peculiarities of green frogs (Pelophylax esculentus complex) in Protected Areas of the Middle Volga Region (Russia). Nature Conservation Research, 2018, 3, .	1.5	11
48	Influence of environmental conditions on the distribution of Central Asian green toads with three ploidy levels. Journal of Zoological Systematics and Evolutionary Research, 2011, 49, 233-239.	1.4	10
49	Is mitochondrial DNA divergence of Near Eastern crested newts (Triturus karelinii group) reflected by differentiation of skull shape?. Zoologischer Anzeiger, 2013, 252, 269-277.	0.9	9
50	Phylogenetic relationships among four new complete mitogenome sequences of Pelophylax (Amphibia: Anura) from the Balkans and Cyprus. Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2016, 27, 3434-3437.	0.7	8
51	Comparative and phylogenetic perspectives of the cleavage process in tailed amphibians. Zygote, 2015, 23, 722-731.	1.1	7
52	Next-generation phylogeography of the banded newts (Ommatotriton): A phylogenetic hypothesis for three ancient species with geographically restricted interspecific gene flow and deep intraspecific genetic structure. Molecular Phylogenetics and Evolution, 2022, 167, 107361.	2.7	7
53	Incorporation of latitude-adjusted bioclimatic variables increases accuracy in species distribution models. Ecological Modelling, 2022, 469, 109986.	2.5	6
54	Discovery of a Pelophylax saharicus (Anura, Ranidae) population in Southern France: a new potentially invasive species of water frogs in Europe. Amphibia - Reptilia, 2021, 42, 427-442.	0.5	5

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55	The first record of natural transfer of mitochondrial DNA from Pelophylax cf. bedriagae into P. lessonae (Amphibia, Anura). Nature Conservation Research, 2019, 4, .	1.5	5
56	Distribution and conservation status of the Caucasian parsley frog, Pelodytes caucasicus (Amphibia:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.5	5
57	On tree frog cryptozoology and systematics â€“ response to Y. Werner. Molecular Phylogenetics and Evolution, 2010, 57, 957-958.	2.7	4
58	Variability of microsatellites BM224 and Bcal7 in populations of green toads (Bufo viridis complex) differing by nuclear DNA content and ploidy. Cell and Tissue Biology, 2007, 1, 65-79.	0.4	3
59	The first case of natural spontaneous triploidy in the family Bombinatoridae. Amphibia - Reptilia, 2016, 37, 243-245.	0.5	3
60	Natural polyploidy in amphibians. Vestnik of Saint Petersburg University Biology, 2016, , 77-86.	0.0	3
61	Distribution and conservation status of the banded newt, Ommatotriton ophryticus (Amphibia:) Tj ETQq1 1 0.784314 rgBT /Overlock	1.5	3
62	Rediscovery of the High Altitude Lazy Toad, <i>Scutiger occidentalis</i> Dubois, 1978, in India. Russian Journal of Herpetology, 2019, 26, 17.	0.5	3
63	Reconstruction of past distribution for the Mongolian toad, Strauchbufo raddei (Anura:) Tj ETQq1 1 0.784314 rgBT /Overlock	2.0	3
64	A phylogeographical framework for Zhangixalus gliding frogs, with insight on their plasticity of nesting behaviour. Biological Journal of the Linnean Society, 0, , .	1.6	3
65	Strigea robusta(Digenea: Strigeidae) infection effects on the gonadal structure and limb malformation in toad early development. Journal of Experimental Zoology Part A: Ecological and Integrative Physiology, 2022, 337, 675-686.	1.9	3
66	DISTRIBUTION AND CONTACT ZONE OF TWO FORMS OF THE GREEN TOAD FROM THE BUFOTES VIRIDIS COMPLEX (ANURA, AMPHIBIA), DIFFERING IN GENOME SIZE, IN THE VOLGA REGION. Current Studies in Herpetology, 2018, 18, 35-45.	0.2	2
67	Heat resistance of the skeletal muscle in Western Palearctic green frogs (Rana esculenta complex). Biology Bulletin, 2007, 34, 61-66.	0.5	1
68	Variations in BM224 microsatellite in green frogs of genus Rana. Cell and Tissue Biology, 2010, 4, 436-441.	0.4	0