

Vladimir A Lukhtanov

List of Publications by Year in descending order

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73
papers

2,144
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43
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80
docs citations

80
times ranked

1656
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | DNA Barcodes Combined with Multilocus Data of Representative Taxa Can Generate Reliable Higher-Level Phylogenies. <i>Systematic Biology</i> , 2022, 71, 382-395. | 5.6 | 35 |
| 2 | Phylogeny, species delimitation and biogeography of the endemic Palaearctic tribe Tomarini (Lepidoptera: Lycaenidae). <i>Zoological Journal of the Linnean Society</i> , 2022, 196, 630-646. | 2.3 | 5 |
| 3 | Reassessment of the status of some European and Asian Melitaea taxa described as subspecies of <i>Melitaea phoebe</i> ([Denis & Schiffert, 1775], 1775), with designations of lectotypes where appropriate (Lepidoptera: Nymphalidae). <i>Zootaxa</i> , 2022, 5141, 25-38. | 0.5 | 2 |
| 4 | Overlooked cryptic diversity in <i>Muschampia</i> (Lepidoptera: HesperIIDae) adds two species to the European butterfly fauna. <i>Zoological Journal of the Linnean Society</i> , 2021, 193, 847-859. | 2.3 | 9 |
| 5 | Chromosomal and DNA barcode analysis of the <i>Polyommatus (Agrodiaetus) damone</i> (Eversmann, 1841) species complex (Lepidoptera, Lycaenidae). <i>Comparative Cytogenetics</i> , 2021, 15, 1-22. | 0.8 | 0 |
| 6 | The Taxa of the <i>Hyponephele lycaon</i> & <i>H. lupina</i> Species Complex (Lepidoptera,) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 50 Biologica</i> , 2021, 69, 11-21. | 0.5 | 2 |
| 7 | Chromosomal and DNA barcode analysis of the <i>Melitaea ala</i> Staudinger, 1881 species complex (Lepidoptera, Nymphalidae). <i>Comparative Cytogenetics</i> , 2021, 15, 199-216. | 0.8 | 1 |
| 8 | Sympatric occurrence of deeply diverged mitochondrial DNA lineages in Siberian geometrid moths (Lepidoptera: Geometridae): cryptic speciation, mitochondrial introgression, secondary admixture or effect of Wolbachia?. <i>Biological Journal of the Linnean Society</i> , 2021, 134, 342-365. | 1.6 | 10 |
| 9 | Genomic introgression from a distant congener in the Levant fritillary butterfly, <i>Melitaea acentria</i> . <i>Molecular Ecology</i> , 2021, 30, 4819-4832. | 3.9 | 7 |
| 10 | Identification of Natural Hybrids between <i>Ahlbergia frivaldszkyi</i> (Lederer, 1853) and <i>Callophrys rubi</i> (Linnaeus, 1758) (Lepidoptera, Lycaenidae) Using Mitochondrial and Nuclear Markers. <i>Insects</i> , 2021, 12, 1124. | 2.2 | 5 |
| 11 | Phylogenetic position and taxonomic rearrangement of <i>Davidina</i> (Lepidoptera: Nymphalidae), an enigmatic butterfly genus new for Europe and America. <i>Zoological Journal of the Linnean Society</i> , 2020, 190, 1036-1053. | 2.3 | 2 |
| 12 | Incomplete Sterility of Chromosomal Hybrids: Implications for Karyotype Evolution and Homoploid Hybrid Speciation. <i>Frontiers in Genetics</i> , 2020, 11, 583827. | 2.3 | 24 |
| 13 | Karyotype evolution and flexible (conventional versus inverted) meiosis in insects with holocentric chromosomes: a case study based on <i>Polyommatus</i> butterflies. <i>Biological Journal of the Linnean Society</i> , 2020, 130, 683-699. | 1.6 | 8 |
| 14 | Karyotype and DNA barcode of <i>Polyommatus (Agrodiaetus) cyaneus</i> (Staudinger, 1899) from its type locality: implication for taxonomic and evolutionary research in <i>Polyommatus</i> blue butterflies (Lepidoptera, Lycaenidae). <i>Comparative Cytogenetics</i> , 2020, 14, 567-575. | 0.8 | 0 |
| 15 | Karyotype and DNA barcode of <i>Polyommatus (Agrodiaetus) cyaneus</i> (Staudinger, 1899) from its type locality: implication for taxonomic and evolutionary research in <i>Polyommatus</i> blue butterflies (Lepidoptera, Lycaenidae). <i>Comparative Cytogenetics</i> , 2020, 14, 567-575. | 0.8 | 0 |
| 16 | Taxonomic Rearrangement of the <i>Erebia tyndarus</i> Species Group (Lepidoptera, Nymphalidae, Satyrinae) Based on an Analysis of COI Barcodes, Morphology, and Geographic Distribution. <i>Folia Biologica</i> , 2019, 67, 149-157. | 0.5 | 1 |
| 17 | Nuclear genes (but not mitochondrial DNA barcodes) reveal real species: Evidence from the Brenthis fritillary butterflies (Lepidoptera, Nymphalidae). <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2019, 57, 298-313. | 1.4 | 16 |
| 18 | Two types of highly ordered micro- and macrochromosome arrangement in metaphase plates of butterflies (Lepidoptera). <i>Comparative Cytogenetics</i> , 2019, 13, 19-25. | 0.8 | 5 |

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|----|---|-----|-----------|
| 19 | Karyotype reinvestigation does not confirm the presence of two cryptic species and interspecific hybridization in the <i>Polyommatus (Agrodiaetus) damocles</i> complex in the Crimea (Lepidoptera). <i>Tj ETQq1 1 0.78431.4 rgBT /Qverlock</i> | 0.8 | 6 |
| 20 | Linking karyotypes with DNA barcodes: proposal for a new standard in chromosomal analysis with an example based on the study of Neotropical Nymphalidae (Lepidoptera). <i>Comparative Cytogenetics</i> , 2019, 13, 435-449. | 0.8 | 6 |
| 21 | Case 3767 " <i>Papilio phoebus</i> Fabricius, 1793 (currently <i>Parnassius phoebus</i> ; Insecta, Lepidoptera): proposed conservation of prevailing usage of the specific name and that of <i>Doritis ariadne</i> Lederer, 1853 (currently <i>Parnassius ariadne</i>) by the designation of a neotype. <i>Bulletin of Zoological Nomenclature</i> , 2019, 76, 14. | 0.1 | 7 |
| 22 | Karyotype of <i>Polyommatus (Agrodiaetus) eriwanensis</i> Forster, 1960 and taxonomic position of <i>P. (A.) interjectus</i> de Lesse, 1960 (Lepidoptera, Lycaenidae). <i>Comparative Cytogenetics</i> , 2019, 13, 359-366. | 0.8 | 0 |
| 23 | An updated checklist of the European Butterflies (Lepidoptera, Papilionoidea). <i>ZooKeys</i> , 2018, 811, 9-45. | 1.1 | 90 |
| 24 | 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 |
| 25 | To which species should the name <i>heynei</i> RÅ¼hl, [1893] (Lepidoptera: Nymphalidae) be referred?. <i>Zootaxa</i> , 2018, 4531, 81. | 0.5 | 0 |
| 26 | 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 |
| 27 | Evolutionary mechanisms of runaway chromosome number change in <i>Agrodiaetus</i> butterflies. <i>Scientific Reports</i> , 2017, 7, 8199. | 3.3 | 28 |
| 28 | Heterozygosity and Chain Multivalents during Meiosis Illustrate Ongoing Evolution as a Result of Multiple Holokinetic Chromosome Fusions in the Genus <i>Melinaea</i> (Lepidoptera, Nymphalidae). <i>Cytogenetic and Genome Research</i> , 2017, 153, 213-222. | 1.1 | 10 |
| 29 | A new species of <i>Melitaea</i> from Israel, with notes on taxonomy, cytogenetics, phylogeography and interspecific hybridization in the <i>Melitaea persea</i> complex (Lepidoptera, Nymphalidae). <i>Comparative Cytogenetics</i> , 2017, 11, 325-357. | 0.8 | 8 |
| 30 | A new butterfly species from south Russia revealed through chromosomal and molecular analysis of the <i>Polyommatus (Agrodiaetus) damonides</i> complex (Lepidoptera, Lycaenidae). <i>Comparative Cytogenetics</i> , 2017, 11, 769-795. | 0.8 | 13 |
| 31 | Chromosomal identification of cryptic species sharing their DNA barcodes: <i>Polyommatus (Agrodiaetus) antidolus</i> and <i>P. (A.) morgani</i> in Iran (Lepidoptera, Lycaenidae). <i>Comparative Cytogenetics</i> , 2017, 11, 759-768. | 0.8 | 11 |
| 32 | On the Generic Position of <i>Polyommatus avinovi</i> (Lepidoptera: Lycaenidae). <i>Folia Biologica</i> , 2016, 64, 267-273. | 0.5 | 3 |
| 33 | DNA barcodes as a tool in biodiversity research: testing pre-existing taxonomic hypotheses in Delphic Apollo butterflies (Lepidoptera, Papilionidae). <i>Systematics and Biodiversity</i> , 2016, 14, 599-613. | 1.2 | 25 |
| 34 | Integrative analyses unveil speciation linked to host plant shift in <i>Sipalia</i> butterflies. <i>Molecular Ecology</i> , 2016, 25, 4267-4284. | 3.9 | 44 |
| 35 | Chromosomal and mitochondrial diversity in <i>Melitaea didyma</i> complex (Lepidoptera, Nymphalidae): eleven deeply diverged DNA barcode groups in one non-monophyletic species?. <i>Comparative Cytogenetics</i> , 2016, 10, 697-717. | 0.8 | 9 |
| 36 | Mitochondrial chromosome as a marker of animal migratory routes: DNA barcoding revealed Asian (non-African) origin of a tropical migrant butterfly <i>Junonia orithya</i> in south Israel. <i>Comparative Cytogenetics</i> , 2016, 10, 671-677. | 0.8 | 7 |

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|----|--|-----|-----------|
| 37 | Karyosystematics and molecular taxonomy of the anomalous blue butterflies (Lepidoptera, Lycaenidae) from the Balkan Peninsula. <i>Comparative Cytogenetics</i> , 2016, 10, 1-85. | 0.8 | 25 |
| 38 | Ten genes and two topologies: an exploration of higher relationships in skipper butterflies (Hesperiidae). <i>PeerJ</i> , 2016, 4, e2653. | 2.0 | 44 |
| 39 | Taxonomic Position and Status of Arctic <i>Gynaephora</i> and <i>Dicallomera</i> Moths (Lepidoptera, Erebidae, Lymantriinae). <i>Folia Biologica</i> , 2015, 63, 257-261. | 0.5 | 1 |
| 40 | Taxonomic Position and Status of <i>Polyommatus</i> (<i>Agrodiaetus</i>) <i>iphigenia</i> (Lepidoptera, Lycaenidae) from the Peloponnese, Southern Greece. <i>Folia Biologica</i> , 2015, 63, 295-300. | 0.5 | 4 |
| 41 | Detecting cryptic species in sympatry and allopatry: analysis of hidden diversity in <i>Polyommatus</i> (<i>Agrodiaetus</i>) butterflies (Lepidoptera: Lycaenidae). <i>Biological Journal of the Linnean Society</i> , 2015, 116, 468-485. | 1.6 | 44 |
| 42 | Homoploid hybrid speciation and genome evolution via chromosome sorting. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20150157. | 2.6 | 48 |
| 43 | Ribosomal DNA clusters and telomeric (TTAGG) _n repeats in blue butterflies (Lepidoptera, Lycaenidae) with low and high chromosome numbers. <i>Comparative Cytogenetics</i> , 2015, 9, 161-171. | 0.8 | 33 |
| 44 | Chromosomal and molecular evidence for presence of <i>Polyommatus</i> (<i>Agrodiaetus</i>) <i>poseidon</i> (Lepidoptera, Lycaenidae) in Caucasus region. <i>Comparative Cytogenetics</i> , 2015, 9, 249-255. | 0.8 | 7 |
| 45 | Intragenomic variations of multicopy ITS2 marker in <i>Agrodiaetus</i> blue butterflies (Lepidoptera, Tj ETQq1 1 0.784314 r/gBT /Overlock 11 | 0.8 | 11 |
| 46 | The blue butterfly <i>Polyommatus</i> (<i>Plebicula</i>) <i>atlanticus</i> (Lepidoptera, Lycaenidae) holds the record of the highest number of chromosomes in the non-polyploid eukaryotic organisms. <i>Comparative Cytogenetics</i> , 2015, 9, 683-690. | 0.8 | 52 |
| 47 | Taxonomic interpretation of chromosomal and mitochondrial DNA variability in the species complex close to <i>Polyommatus</i> (<i>Agrodiaetus</i>) <i>dama</i> (Lepidoptera, Lycaenidae). <i>ZooKeys</i> , 2015, 538, 1-20. | 1.1 | 3 |
| 48 | DNA barcoding reveals twelve lineages with properties of phylogenetic and biological species within <i>Melitaea didyma sensu lato</i> (Lepidoptera, Nymphalidae). <i>ZooKeys</i> , 2015, 538, 35-46. | 1.1 | 13 |
| 49 | Interpretation of mitochondrial diversity in terms of taxonomy: a case study of <i>Hyponephele lycaon</i> species complex in Israel (Lepidoptera, Nymphalidae, Satyrinae). <i>ZooKeys</i> , 2015, 538, 21-34. | 1.1 | 1 |
| 50 | Towards the understanding of the origin of the Polish remote population of <i>Polyommatus</i> (<i>Agrodiaetus</i>) <i>ripartii</i> (Lepidoptera: Lycaenidae) based on karyology and molecular phylogeny. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2014, 52, 44-51. | 1.4 | 28 |
| 51 | Taxonomic position of several enigmatic <i>Polyommatus</i> (<i>Agrodiaetus</i>) species (Lepidoptera, Lycaenidae) from Central and Eastern Iran: insights from molecular and chromosomal data. <i>Comparative Cytogenetics</i> , 2014, 8, 313-322. | 0.8 | 25 |
| 52 | Chromosome number evolution in skippers (Lepidoptera, Hesperidae). <i>Comparative Cytogenetics</i> , 2014, 8, 275-291. | 0.8 | 23 |
| 53 | Evolutionary association between subterranean lifestyle and female sociality in rodents. <i>Mammalian Biology</i> , 2014, 79, 101-109. | 1.5 | 17 |
| 54 | Taxonomic position of several enigmatic <i>Polyommatus</i> (<i>Agrodiaetus</i>) species (Lepidoptera, Lycaenidae) from Central and Eastern Iran: insights from molecular and chromosomal data. <i>Comparative Cytogenetics</i> , 2014, 8, 313-322. | 0.8 | 3 |

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|----|--|------|-----------|
| 55 | 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 |
| 56 | In the shadow of phylogenetic uncertainty: The recent diversification of <i>Lysandra</i> butterflies through chromosomal change. <i>Molecular Phylogenetics and Evolution</i> , 2013, 69, 469-478. | 2.7 | 81 |
| 57 | Establishing criteria for higher-level classification using molecular data: the systematics of <i>Polyommatus</i> blue butterflies (Lepidoptera, Lycaenidae). <i>Cladistics</i> , 2013, 29, 166-192. | 3.3 | 84 |
| 58 | <i>Cacopsylla fraudatrix</i> sp.n. (Hemiptera: Psylloidea) recognised from testis structure and mitochondrial gene COI. <i>Zootaxa</i> , 2012, 3547, 55. | 0.5 | 15 |
| 59 | Unexpected layers of cryptic diversity in wood white <i>Leptidea</i> butterflies. <i>Nature Communications</i> , 2011, 2, 324. | 12.8 | 131 |
| 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 | What genes and chromosomes say about the origin and evolution of insects and other arthropods. <i>Russian Journal of Genetics</i> , 2010, 46, 1115-1121. | 0.6 | 33 |
| 62 | How common are dot-like distributions? Taxonomical oversplitting in western European <i>Agrodiaetus</i> (Lepidoptera: Lycaenidae) revealed by chromosomal and molecular markers. <i>Biological Journal of the Linnean Society</i> , 2010, 101, 130-154. | 1.6 | 43 |
| 63 | Geographical distribution of the cryptic species <i>Agrodiaetus alcestis alcestis</i> , <i>A. alcestis karacetinae</i> and <i>A. demavendi</i> (Lepidoptera: Lycaenidae) revealed by cytogenetic analysis. <i>Comparative Cytogenetics</i> , 2010, 4, 1-11. | 0.8 | 29 |
| 64 | DNA barcoding Central Asian butterflies: increasing geographical dimension does not significantly reduce the success of species identification. <i>Molecular Ecology Resources</i> , 2009, 9, 1302-1310. | 4.8 | 151 |
| 65 | Butterflies (Lepidoptera, Rhopalocera) of West Altai. <i>Entomological Review</i> , 2007, 87, 524-544. | 0.3 | 4 |
| 66 | KARYOTYPIC DIVERSITY AND SPECIATION IN AGRODIAETUS BUTTERFLIES. <i>Evolution; International Journal of Organic Evolution</i> , 2007, 61, 546-559. | 2.3 | 121 |
| 67 | Rearrangement of the <i>Agrodiaetus dolus</i> species group (Lepidoptera, Lycaenidae) using a new cytological approach and molecular data. <i>Insect Systematics and Evolution</i> , 2006, 37, 325-334. | 0.7 | 36 |
| 68 | Reinforcement of pre-zygotic isolation and karyotype evolution in <i>Agrodiaetus</i> butterflies. <i>Nature</i> , 2005, 436, 385-389. | 27.8 | 193 |
| 69 | Phylogeny of <i>Agrodiaetus</i> berner 1822 (Lepidoptera: Lycaenidae) Inferred from mtDNA Sequences of COI and COII and Nuclear Sequences of EF1- α : Karyotype Diversification and Species Radiation. <i>Systematic Biology</i> , 2004, 53, 278-298. | 5.6 | 109 |
| 70 | Principles of the highly ordered arrangement of metaphase I bivalents in spermatocytes of <i>Agrodiaetus</i> (Insecta, Lepidoptera). <i>Chromosome Research</i> , 2002, 10, 5-20. | 2.2 | 47 |
| 71 | Sex chromatin and sex chromosome systems in nonditrysian Lepidoptera (Insecta). <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2000, 38, 73-79. | 1.4 | 63 |
| 72 | An updated checklist of the European Butterflies (Lepidoptera, Papilionoidea). <i>ZooKeys</i> , 0, 811, 9-45. | 1.1 | 3 |

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|----|---|-----|-----------|
| 73 | Genetic implications of a biological invasion: Chromosomal and DNA barcode monomorphism in Old World populations of Colorado potato beetle <i>Leptinotarsa decemlineata</i> (Coleoptera: Chrysomelidae). <i>European Journal of Entomology</i> , 0, 118, 344-354. | 1.2 | 0 |