

Alessandro Grapputo

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

1,880
citations

304743

22
h-index

265206

42
g-index

51
all docs

51
docs citations

51
times ranked

2779
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | The voyage of an invasive species across continents: genetic diversity of North American and European Colorado potato beetle populations. <i>Molecular Ecology</i> , 2005, 14, 4207-4219. | 3.9 | 221 |
| 2 | A model species for agricultural pest genomics: the genome of the Colorado potato beetle, <i>Leptinotarsa decemlineata</i> (Coleoptera: Chrysomelidae). <i>Scientific Reports</i> , 2018, 8, 1931. | 3.3 | 215 |
| 3 | Insect Cecropins, Antimicrobial Peptides with Potential Therapeutic Applications. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5862. | 4.1 | 111 |
| 4 | Testosterone-mediated Effects on Fitness-related Phenotypic Traits and Fitness. <i>American Naturalist</i> , 2009, 173, 475-487. | 2.1 | 100 |
| 5 | Quantitative measure of sexual selection with respect to the operational sex ratio: a comparison of selection indices. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 143-150. | 2.6 | 95 |
| 6 | The role of niche breadth, resource availability and range position on the life history of butterflies. <i>Oikos</i> , 2004, 105, 41-54. | 2.7 | 92 |
| 7 | Evidence for cryptic glacial refugia from North American mountain sheep mitochondrial DNA. <i>Journal of Evolutionary Biology</i> , 2006, 19, 419-430. | 1.7 | 84 |
| 8 | Transcriptome sequencing and de novo annotation of the critically endangered Adriatic sturgeon. <i>BMC Genomics</i> , 2013, 14, 407. | 2.8 | 71 |
| 9 | FITNESS TRADE-OFFS MEDIATED BY IMMUNOSUPPRESSION COSTS IN A SMALL MAMMAL. <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, 166-179. | 2.3 | 69 |
| 10 | Sequencing, De Novo Assembly and Annotation of the Colorado Potato Beetle, <i>Leptinotarsa decemlineata</i> , Transcriptome. <i>PLoS ONE</i> , 2014, 9, e86012. | 2.5 | 60 |
| 11 | Negative density-distribution relationship in butterflies. <i>BMC Biology</i> , 2005, 3, 5. | 3.8 | 55 |
| 12 | Characterization of poultry egg-white avidins and their potential as a tool in pretargeting cancer treatment. <i>Biochemical Journal</i> , 2003, 372, 219-225. | 3.7 | 52 |
| 13 | Hybridization in <i>Calopteryx</i> damselflies: the role of males. <i>Animal Behaviour</i> , 2008, 75, 1431-1439. | 1.9 | 46 |
| 14 | PARASITES AND SEXUAL REPRODUCTION IN PSYCHID MOTHS. <i>Evolution; International Journal of Organic Evolution</i> , 2004, 58, 1511-1520. | 2.3 | 45 |
| 15 | Large differences in substitutional pattern and evolutionary rate of 12S ribosomal RNA genes. <i>Molecular Biology and Evolution</i> , 1996, 13, 923-932. | 8.9 | 42 |
| 16 | Quantitative genetic approach for assessing invasiveness: geographic and genetic variation in life-history traits. <i>Biological Invasions</i> , 2008, 10, 1135-1145. | 2.4 | 39 |
| 17 | Pre-invasion history and demography shape the genetic variation in the insecticide resistance-related acetylcholinesterase 2 gene in the invasive Colorado potato beetle. <i>BMC Evolutionary Biology</i> , 2013, 13, 13. | 3.2 | 38 |
| 18 | Influence of male mating history on female reproductive success among monandrous Naryciinae (Lepidoptera: Psychidae). <i>Ecological Entomology</i> , 2011, 36, 170-180. | 2.2 | 33 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Molecular evidence for phylogenetic relationships among buntings and American sparrows (Emberizidae). <i>Journal of Avian Biology</i> , 2001, 32, 95-101. | 1.2 | 32 |
| 20 | Genetic variation and bill size dimorphism in a passerine bird, the reed bunting <i>Emberiza schoeniclus</i> . <i>Molecular Ecology</i> , 1998, 7, 1173-1182. | 3.9 | 30 |
| 21 | Invasion success despite reduction of genetic diversity in the European populations of eastern mosquitofish (<i>Gambusia holbrooki</i>). <i>Italian Journal of Zoology</i> , 2006, 73, 67-73. | 0.6 | 30 |
| 22 | Spliceosomal Intron Insertions in Genome Compacted Ray-Finned Fishes as Evident from Phylogeny of MC Receptors, Also Supported by a Few Other GPCRs. <i>PLoS ONE</i> , 2011, 6, e22046. | 2.5 | 30 |
| 23 | A large panel of novel microsatellite markers for the bank vole (<i>Myodes glareolus</i>). <i>Molecular Ecology Resources</i> , 2008, 8, 1164-1168. | 4.8 | 26 |
| 24 | Molecular Phylogeny of OVOL Genes Illustrates a Conserved C2H2 Zinc Finger Domain Coupled by Hypervariable Unstructured Regions. <i>PLoS ONE</i> , 2012, 7, e39399. | 2.5 | 25 |
| 25 | Cold tolerance during larval development: effects on the thermal distribution limits of <i>Leptinotarsa decemlineata</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2009, 133, 92-99. | 1.4 | 20 |
| 26 | Development and characterization of microsatellite markers in the Colorado potato beetle, <i>Leptinotarsa decemlineata</i> . <i>Molecular Ecology Notes</i> , 2006, 6, 1177-1179. | 1.7 | 19 |
| 27 | Directional postcopulatory sexual selection is associated with female sperm storage in Trinidadian guppies. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 1829-1843. | 2.3 | 18 |
| 28 | Differential gene expression in the evolution of sex pheromone communication in New Zealand's endemic leafroller moths of the genera <i>Ctenopseustis</i> and <i>Planotortrix</i> . <i>BMC Genomics</i> , 2018, 19, 94. | 2.8 | 18 |
| 29 | Evolution of mitochondrial DNA in yeast: gene order and structural organization of the mitochondrial genome of <i>Saccharomyces uvarum</i> . <i>Current Genetics</i> , 1998, 33, 52-59. | 1.7 | 17 |
| 30 | Chicken genome analysis reveals novel genes encoding biotin-binding proteins related to avidin family. <i>BMC Genomics</i> , 2005, 6, 41. | 2.8 | 14 |
| 31 | Genetic diversity in populations of asexual and sexual bag worm moths (Lepidoptera: Psychidae). <i>BMC Ecology</i> , 2005, 5, 5. | 3.0 | 14 |
| 32 | Island selection on mammalian life-histories: genetic differentiation in offspring size. <i>BMC Evolutionary Biology</i> , 2008, 8, 296. | 3.2 | 14 |
| 33 | Maternal predator exposure affects offspring size at birth but not telomere length in a live-bearing fish. <i>Ecology and Evolution</i> , 2020, 10, 2030-2039. | 1.9 | 14 |
| 34 | Evolution of reproductive strategies and male sexual ornaments in poeciliid fishes as inferred by mitochondrial 16 rRNA gene phylogeny. <i>Ethology Ecology and Evolution</i> , 1997, 9, 55-67. | 1.4 | 12 |
| 35 | Sequence Features and Evolutionary Mechanisms in the Chicken Avidin Gene Family. <i>Biochemical and Biophysical Research Communications</i> , 2001, 285, 734-741. | 2.1 | 12 |
| 36 | Low parasitism rates in parthenogenetic bagworm moths do not support the parasitoid hypothesis for sex. <i>Journal of Evolutionary Biology</i> , 2012, 25, 2547-2558. | 1.7 | 10 |

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|----|---|-----|-----------|
| 37 | Imminent risk of predation reduces the relative strength of postcopulatory sexual selection in the guppy. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20200076. | 4.0 | 8 |
| 38 | Evolution of the mitochondrial ribosomal RNA in the oriental species subgroups of <i>Drosophila</i> . <i>Biochemical Systematics and Ecology</i> , 1993, 21, 79-83. | 1.3 | 7 |
| 39 | Evaluation of criteria for species delimitation of bagworm moths (Lepidoptera: Psychidae). <i>European Journal of Entomology</i> , 2014, 111, 121-136. | 1.2 | 7 |
| 40 | Sequence variation and regulatory variation in acetylcholinesterase genes contribute to insecticide resistance in different populations of <i>Leptinotarsa decemlineata</i> . <i>Ecology and Evolution</i> , 2021, 11, 15995-16005. | 1.9 | 7 |
| 41 | The Genomics and Population Genomics of the Light Brown Apple Moth, <i>Epiphyas postvittana</i> , an Invasive Tortricid Pest of Horticulture. <i>Insects</i> , 2022, 13, 264. | 2.2 | 5 |
| 42 | Investigating the Origin of Parthenogenesis and Ploidy Level in <i>Dahlica fennicella</i> (Lepidoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf | 0.5 | 4 |
| 43 | Genomic Resources Notes accepted 1 April 2015 – 31 May 2015. <i>Molecular Ecology Resources</i> , 2015, 15, 1256-1257. | 4.8 | 4 |
| 44 | The parasitoid species complex associated with sexual and parthenogenetic Naryciinae (Lepidoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf | 1.2 | 4 |
| 45 | Development and characterization of 11 microsatellite markers in the rock sparrow, <i>Petronia petronia</i> . <i>Molecular Ecology Notes</i> , 2006, 6, 1070-1072. | 1.7 | 3 |
| 46 | Molecular and biochemical responses of vitellogenin in the mussel <i>Mytilus galloprovincialis</i> exposed to the glyphosate-based herbicide Roundup® Power 2.0. <i>Environmental Science and Pollution Research</i> , 2020, 27, 26543-26553. | 5.3 | 2 |
| 47 | Differential gene regulation in selected lines for high and low sperm production in male guppies. <i>Molecular Reproduction and Development</i> , 2020, 87, 430-441. | 2.0 | 2 |
| 48 | Heterozygosity, genetic similarity and extra-pair paternity variation in two populations of rock sparrow <i>Petronia petronia</i> : a within and between populations comparison. <i>Journal of Avian Biology</i> , 0, , . | 1.2 | 2 |
| 49 | Isolation of seven polymorphic microsatellites in <i>Ophioblennius atlanticus atlanticus</i> (Perciformes.) Tj ETQq1 1 0.784314 rgBT /Overlock | 1.7 | 0 |