

# Alessandro Minelli

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8802216/publications.pdf>

Version: 2024-02-01

181  
papers

4,935  
citations

172457  
29  
h-index

123424  
61  
g-index

215  
all docs

215  
docs citations

215  
times ranked

4009  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | A plea for DNA taxonomy. <i>Trends in Ecology and Evolution</i> , 2003, 18, 70-74.  | 8.7  | 781       |
| 2  | Phenotypic plasticity in development and evolution: facts and concepts. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 547-556.         | 4.0  | 425       |
| 3  | A common terminology for the external anatomy of centipedes (Chilopoda). <i>ZooKeys</i> , 2010, 69, 17-51.  | 1.1  | 195       |
| 4  | DNA points the way ahead in taxonomy. <i>Nature</i> , 2002, 418, 479-479.   | 27.8 | 162       |
| 5  | The ontogeny of trilobite segmentation: a comparative approach. <i>Paleobiology</i> , 2006, 32, 602-627.  | 2.0  | 126       |
| 6  | Evo-devo perspectives on segmentation: model organisms, and beyond. <i>Trends in Ecology and Evolution</i> , 2004, 19, 423-429.   | 8.7  | 107       |
| 7  | From embryo to adultâ€”beyond the conventional periodization of arthropod development. <i>Development Genes and Evolution</i> , 2006, 216, 373-383.                                 | 0.9  | 102       |
| 8  | The Mitochondrial Genome of the House Centipede <i>Scutigera</i> and the Monophyly Versus Paraphyly of Myriapods. <i>Molecular Biology and Evolution</i> , 2004, 21, 770-780.       | 8.9  | 98        |
| 9  | New Species in the Old World: Europe as a Frontier in Biodiversity Exploration, a Test Bed for 21st Century Taxonomy. <i>PLoS ONE</i> , 2012, 7, e36881.                            | 2.5  | 87        |
| 10 | Myriapod metamericism and arthropod segmentation. <i>Biological Journal of the Linnean Society</i> , 1988, 33, 323-343.   | 1.6  | 85        |
| 11 | The European unionâ€™s 2010 target: Putting rare species in focus. <i>Biological Conservation</i> , 2007, 139, 167-185.   | 4.1  | 78        |
| 12 | The evolution of segmentation of centipede trunk and appendages. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2000, 38, 103-117.                            | 1.4  | 75        |
| 13 | Exploring Developmental Modes in a Fossil Arthropod: Growth and Trunk Segmentation of the Trilobite <i>Aulacopleura konincki</i> . <i>American Naturalist</i> , 2004, 163, 167-183. | 2.1  | 70        |
| 14 | Molecules, Developmental Modules, and Phenotypes: A Combinatorial Approach to Homology. <i>Molecular Phylogenetics and Evolution</i> , 1998, 9, 340-347.                            | 2.7  | 68        |
| 15 | Antenna and all gnathal appendages are similarly transformed by homothorax knock-down in the cricket <i>Gryllus bimaculatus</i> . <i>Developmental Biology</i> , 2008, 313, 80-92.  | 2.0  | 62        |
| 16 | Developmental plasticity and the evolution of animal complex life cycles. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 631-640.       | 4.0  | 61        |
| 17 | Animal Development, an Open-Ended Segment of Life. <i>Biological Theory</i> , 2011, 6, 4-15.  | 1.5  | 58        |
| 18 | Limbs and tail as evolutionarily diverging duplicates of the main body axis. <i>Evolution &amp; Development</i> , 2000, 2, 157-165.   | 2.0  | 54        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Saltational evolution of trunk segment number in centipedes. <i>Evolution &amp; Development</i> , 2009, 11, 318-322.   | 2.0 | 54        |
| 20 | Arthropod Post-embryonic Development. , 2013, , 91-122.  |     | 47        |
| 21 | Developmental pathways, homology and homonomy in metamerized animals. <i>Journal of Evolutionary Biology</i> , 1991, 4, 429-445.   | 1.7 | 44        |
| 22 | Extensive Gene Order Rearrangement in the Mitochondrial Genome of the Centipede <i>Scutigera coleoptrata</i> . <i>Journal of Molecular Evolution</i> , 2004, 58, 413-423.  | 1.8 | 43        |
| 23 | A three-phase model of arthropod segmentation. <i>Development Genes and Evolution</i> , 2001, 211, 509-521.  | 0.9 | 39        |
| 24 | Expression of trunk Hox genes in the centipede <i>Strigamia maritima</i> : sense and anti-sense transcripts. <i>Evolution &amp; Development</i> , 2006, 8, 252-265.  | 2.0 | 38        |
| 25 | Species diversity vs. morphological disparity in the light of evolutionary developmental biology: Table 1.. <i>Annals of Botany</i> , 2016, 117, 781-794.  | 2.9 | 37        |
| 26 | &lt;p&gt;&lt;strong&gt;Chilopoda Geophilomorpha of Europe: a revised list of species, &lt;/strong&gt;&lt;strong&gt;with taxonomic and nomenclatorial notes&lt;/strong&gt;&lt;/p&gt;. <i>Zootaxa</i> , 2014, 3770, 1. | 0.5 | 35        |
| 27 | Holmeric vs. meromeric segmentation: a tale of centipedes, leeches, and rhombomeres. <i>Evolution &amp; Development</i> , 2000, 2, 35-48.  | 2.0 | 34        |
| 28 | The status of taxonomic literature. <i>Trends in Ecology and Evolution</i> , 2003, 18, 75-76.  | 8.7 | 34        |
| 29 | Homology. <i>History, Philosophy and Theory of the Life Sciences</i> , 2013, , 289-322.  | 0.4 | 34        |
| 30 | Trunk anomalies in the centipede <i>Stigmatogaster subterranea</i> provide insight into late-embryonic segmentation. <i>Arthropod Structure and Development</i> , 2009, 38, 417-426.                                 | 1.4 | 33        |
| 31 | Variability in trunk segmentation in the centipede order Scolopendromorpha: a remarkable new species of <i>Scolopendropsis</i> Brandt (Chilopoda: Scolopendridae) from Brazil. <i>Zootaxa</i> , 2008, 1888, 36.      | 0.5 | 32        |
| 32 | Zoological nomenclature in the digital era. <i>Frontiers in Zoology</i> , 2013, 10, 4.   | 2.0 | 32        |
| 33 | Structural aspects of leg-to-gonopod metamorphosis in male helminthomorph millipedes (Diplopoda). <i>Frontiers in Zoology</i> , 2011, 8, 19.   | 2.0 | 30        |
| 34 | Some problems with typological thinking in evolution and development. <i>Evolution &amp; Development</i> , 1999, 1, 5-7.   | 2.0 | 29        |
| 35 | Phylogeny and systematics of the Arrupinae (Chilopoda Geophilomorpha Mecistocephalidae) with the description of a new dwarfed species. <i>Journal of Natural History</i> , 2003, 37, 1247-1267.                      | 0.5 | 29        |
| 36 | Evo-devo as a discipline. , 2008, , 5-30.  |     | 29        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 37 | Scaffolded biology. <i>Theory in Biosciences</i> , 2016, 135, 163-173.  | 1.4 | 29        |
| 38 | Defining ‘Development’. <i>Current Topics in Developmental Biology</i> , 2016, 117, 171-183.  | 2.2 | 28        |
| 39 | Homology, limbs, and genitalia. <i>Evolution &amp; Development</i> , 2002, 4, 127-132.  | 2.0 | 27        |
| 40 | Self-similarity in biological classifications. <i>BioSystems</i> , 1991, 26, 89-97.   | 2.0 | 26        |
| 41 | Evolutionary trends and patterns in centipede segment number based on a cladistic analysis of Mecistocephalidae (Chilopoda: Geophilomorpha). <i>Systematic Entomology</i> , 2003, 28, 539-579.  | 3.9 | 26        |
| 42 | Appendage loss and regeneration in arthropods. <i>Crustacean Issues</i> , 2005, , 215-245.  | 0.9 | 26        |
| 43 | Owen revisited: a reappraisal of morphology in evolutionary biology. <i>Bijdragen Tot De Dierkunde</i> , 1994, 64, 65-74.   | 0.2 | 25        |
| 44 | Phylotypic stage theory. <i>Trends in Ecology and Evolution</i> , 1998, 13, 158.  | 8.7 | 25        |
| 45 | Stenotaenia Koch, 1847: a hitherto unrecognized lineage of western Palaearctic centipedes with unusual diversity in body size and segment number (Chilopoda: Geophilidae). <i>Zoological Journal of the Linnean Society</i> , 2008, 153, 253-286. | 2.3 | 25        |
| 46 | Developmental disparity. , 2014, , 227-245.   |     | 25        |
| 47 | A morphologist's perspective on terminal growth and segmentation. <i>Evolution &amp; Development</i> , 2005, 7, 568-573.  | 2.0 | 24        |
| 48 | The Mecistocephalidae of the Japanese and Taiwanese islands (Chilopoda: Geophilomorpha). <i>Zootaxa</i> , 2007, 1396, 1-84.   | 0.5 | 24        |
| 49 | No limits: Breaking constraints in insect miniaturization. <i>Arthropod Structure and Development</i> , 2019, 48, 4-11.   | 1.4 | 24        |
| 50 | Grand challenges in evolutionary developmental biology. <i>Frontiers in Ecology and Evolution</i> , 2015, 2, .  | 2.2 | 23        |
| 51 | Multi-scale relationships between numbers and size in the evolution of arthropod body features. <i>Arthropod Structure and Development</i> , 2010, 39, 468-477.   | 1.4 | 22        |
| 52 | The species-area relationship in centipedes (Myriapoda: Chilopoda): a comparison between Mediterranean island groups. <i>Biological Journal of the Linnean Society</i> , 2012, 105, 146-159.  | 1.6 | 22        |
| 53 | Homeotic transformation in a centipede. <i>Trends in Genetics</i> , 1999, 15, 393.  | 6.7 | 21        |
| 54 | The centipede genus <i>Clinopodes</i> C. L. Koch, 1847 (Chilopoda, Geophilomorpha, Geophilidae): reassessment of species diversity and distribution, with a new species from the Maritime Alps (France). <i>Zoosystema</i> , 2011, 33, 175-205.   | 0.6 | 21        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 55 | ChiloKey, an interactive identification tool for the geophilomorph centipedes of Europe (Chilopoda). <i>Tj ETQq1</i> 1 0.784314 rgBT <sub>21</sub> /Overlooked   | 1.1 | 10        |
| 56 | Conserved versus innovative features in animal body organization. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2005, 304B, 520-525.  | 1.3 | 20        |
| 57 | Species diversity of <i>Strigamia</i> Gray, 1843 (Chilopoda: Linotaeniidae): a preliminary synthesis. <i>Zootaxa</i> , 2012, 3593, 1.  | 0.5 | 20        |
| 58 | Model organisms in evo-devo: promises and pitfalls of the comparative approach. <i>History and Philosophy of the Life Sciences</i> , 2014, 36, 42-59.  | 1.1 | 20        |
| 59 | Constraints on Animal (and Plant) Form in Nature and Art. <i>Art and Perception</i> , 2015, 3, 265-281.  | 0.5 | 19        |
| 60 | Abd-B expression in <i>Porcellio scaber</i> Latreille, 1804 (Isopoda: Crustacea): conserved pattern versus novel roles in development and evolution. <i>Evolution &amp; Development</i> , 2005, 7, 42-50.                | 2.0 | 18        |
| 61 | Parental Care in <i>Dicellophilus carniolensis</i> (C. L. Koch, 1847): New Behavioural Evidence with Implications for the Higher Phylogeny of Centipedes (Chilopoda). <i>Zoologischer Anzeiger</i> , 2002, 241, 193-198. | 0.9 | 17        |
| 62 | Growth and Regeneration of the Second Antennae of <i>Asellus Aquaticus</i> (Isopoda) in the Context of Arthropod Antennal Segmentation. <i>Journal of Crustacean Biology</i> , 2007, 27, 184-196.                        | 0.8 | 17        |
| 63 | Arthropod Segmentation and Tagmosis. , 2013, , 197-221.  |     | 17        |
| 64 | The sternal pore areas of geophilomorph centipedes (Chilopoda: Geophilomorpha). <i>Zoological Journal of the Linnean Society</i> , 1995, 115, 185-209.   | 2.3 | 16        |
| 65 | THE CENTIPEDE FAUNA (CHILOPODA) OF CRETE AND ITS SATELLITE ISLANDS (GREECE, EASTERN) <i>Tj ETQq1</i> 1 0.784314 rgBT <sub>16</sub> /Overlooked   | 0.2 | 16        |
| 66 | Phylo-evo-devo: combining phylogenetics with evolutionary developmental biology. <i>BMC Biology</i> , 2009, 7, 36.   | 3.8 | 16        |
| 67 | On the Evolutionary Developmental Biology of Speciation. <i>Evolutionary Biology</i> , 2012, 39, 242-254.  | 1.1 | 16        |
| 68 | Fossil Arthropods from a Full-Glacial Site in Northeastern Italy. <i>Quaternary Research</i> , 1994, 41, 336-342.  | 1.7 | 15        |
| 69 | Measuring morphological complexity of segmented animals: centipedes as model systems. <i>Journal of Evolutionary Biology</i> , 2000, 13, 38-46.  | 1.7 | 15        |
| 70 | Non-systemic metamorphosis in male millipede appendages: long delayed, reversible effect of an early localized positional marker?. <i>Frontiers in Zoology</i> , 2008, 5, 5.   | 2.0 | 15        |
| 71 | The galaxy of the non-Linnaean nomenclature. <i>History and Philosophy of the Life Sciences</i> , 2019, 41, 31.  | 1.1 | 15        |
| 72 | Biological Systematics. , 1994, , .  |     | 14        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 73 | Plants are used to having identity crises. , 2008, , 194-214.  | 14  |           |
| 74 | Basal euarthropod development: a fossil-based perspective. , 2008, , 281-298.  | 14  |           |
| 75 | The centipede fauna (Chilopoda) of the island of Cyprus, with one new lithobiomorph species. Zootaxa, 2013, 3647, 279-306.   | 0.5 | 14        |
| 76 | Increase by duplication and loss of invariance of segment number in the centipede <i>Mecistocephalus microporus</i> (Chilopoda, Geophilomorpha, Mecistocephalidae). Italian Journal of Zoology, 2001, 68, 345-352.               | 0.6 | 13        |
| 77 | Taxonomic and nomenclatural notes on the centipede genera Chomatobius, <i>Ityphilus</i> , <i>Hapleurytion</i> , <i>Plateurytion</i> , and <i>Steneurytion</i> (Chilopoda: Geophilomorpha). Zootaxa, 2007, 1485, 1-12.            | 0.5 | 13        |
| 78 | Segmental mismatch in crustacean appendages: The naupliar antennal exopod of <i>Artemia</i> (Crustacea). Tj ETQq0 0 rgBT /Overlock 10 T  | 1.4 | 13        |
| 79 | A geophilomorph centipede (Chilopoda) from La Buzinie amber (Late Cretaceous, Cenomanian), SW France. Geodiversitas, 2009, 31, 29-39.  | 0.8 | 13        |
| 80 | Geophilomorph centipedes from the <scp>C</scp>retaceous amber of <scp>B</scp>urma. Palaeontology, 2014, 57, 97-110.  | 2.2 | 13        |
| 81 | The origin and evolution of appendages. International Journal of Developmental Biology, 2003, 47, 573-81.  | 0.6 | 13        |
| 82 | <strong>Invertebrate taxonomy and evolutionary developmental biology*</strong>. Zootaxa, 2007, 1668, 55-60.  | 0.5 | 12        |
| 83 | Urbisexuality: the evolution of bilaterian germ cell specification and reproductive systems. , 2008, , 321-342.  |     | 12        |
| 84 | Taxonomy needs pluralism, but a controlled and manageable one. Megataxa, 2020, 1, .  | 3.8 | 12        |
| 85 | Morphology and phylogeny of <i>Dicellophilus</i> , a centipede genus with a highly disjunct distribution (Chilopoda: Mecistocephalidae). Zoological Journal of the Linnean Society, 2010, 158, 501-532.                          | 2.3 | 11        |
| 86 | GREY NOMENCLATURE NEEDS RULES. Ecologica Montenegrina, 0, 7, 654-666.  | 0.5 | 11        |
| 87 | engrailed sequences from four centipede orders: strong sequence conservation, duplications and phylogeny. Development Genes and Evolution, 2001, 211, 620-623.   | 0.9 | 10        |
| 88 | Analysis of segment number and enzyme variation in a centipede reveals a cryptic species, <i>Geophilus easoni</i> sp. nov., and raises questions about speciation. Biological Journal of the Linnean Society, 2001, 74, 489-499. | 1.6 | 10        |
| 89 | The European centipedes hitherto referred to <i>Eurygeophilus</i> , <i>Mesogeophilus</i> , and <i>Chalandea</i> (Chilopoda). Tj ETQql 1 0.784314 rgBT /Overlock Natural History, 2006, 40, 415-438.                              | 0.5 | 10        |
| 90 | Water-flea males from the netherworld. Trends in Ecology and Evolution, 2006, 21, 474-476.   | 8.7 | 10        |

| #   | ARTICLE  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 91  | Articulated trilobite ontogeny: suggestions for a methodological standard. <i>Journal of Paleontology</i> , 2021, 95, 298-304.   | 0.8 | 10        |
| 92  | Hox Gene Sequences from the Geophilomorph Centipede <i>Pachymerium ferrugineum</i> (C. L. Koch, 1835) (Chilopoda: Geophilomorpha: Geophilidae): Implications for the Evolution of the Hox Class Genes of Arthropods. <i>Molecular Phylogenetics and Evolution</i> , 2002, 22, 155-161. | 2.7 | 9         |
| 93  | <i>Geophilus arenarius</i> , a long-misunderstood species in the still unresolved carpophagus species-complex (Chilopoda: Geophilidae). <i>Zootaxa</i> , 2011, 3114, 40.   | 0.5 | 9         |
| 94  | Segmentation of the millipede trunk as suggested by a homeotic mutant with six extra pairs of gonopods. <i>Frontiers in Zoology</i> , 2014, 11, 6.   | 2.0 | 9         |
| 95  | First report of exocrine epithelial glands in oestroid flies: the tachinid sexual patches (Diptera: Tephritidae). <i>Trends in Ecology and Evolution</i> , 2001, 16, 107-108.  | 0.8 | 10        |
| 96  | The Development of Arthropod Segmentation Across the Embryonic/Post-embryonic Divide – An Evolutionary Perspective. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .   | 2.2 | 9         |
| 97  | The names of animals. <i>Trends in Ecology and Evolution</i> , 1999, 14, 462-463.  | 8.7 | 8         |
| 98  | Post-embryonic development of amphipod crustacean pleopods and the patterning of arthropod limbs. <i>Zoologischer Anzeiger</i> , 2011, 250, 32-45.   | 0.9 | 8         |
| 99  | Playing with Black and Yellow: The Evolvability of a Batesian Mimicry. <i>Evolutionary Biology</i> , 2017, 44, 100-112.  | 1.1 | 8         |
| 100 | The centipedes of the Maltese Archipelago (Chilopoda). <i>Revue Suisse De Zoologie</i> , 2004, 111, 433-456.   | 0.3 | 8         |
| 101 | On the Nature of Organs and Organ Systems – A Chapter in the History and Philosophy of Biology. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .   | 2.2 | 8         |
| 102 | On the phylogeny of pterygote insects. <i>Bollettino Di Zoologia</i> , 1980, 47, 49-63.  | 0.3 | 7         |
| 103 | The origins of larval forms: what the data indicate, and what they don't. <i>BioEssays</i> , 2010, 32, 5-8.  | 2.5 | 7         |
| 104 | Cell size versus body size in geophilomorph centipedes. <i>Die Naturwissenschaften</i> , 2015, 102, 16.  | 1.6 | 7         |
| 105 | Geophilomorph centipedes (Chilopoda) from termite mounds in the northern Pantanal wetland of Mato Grosso, Brazil. <i>Studies on Neotropical Fauna and Environment</i> , 2007, 42, 33-48.   | 1.0 | 6         |
| 106 | Segmental pattern formation following amputation in the flagellum of the second antennae of <i>Asellus aquaticus</i> (Crustacea, Isopoda). <i>Italian Journal of Zoology</i> , 2008, 75, 225-231.  | 0.6 | 6         |
| 107 | Morphological Misfits and the Architecture of Development. <i>Interdisciplinary Evolution Research</i> , 2015, , 329-343.  | 0.3 | 6         |
| 108 | Morphology, taxonomy and distribution of <i>Diphyonyx</i> gen. n., a lineage of geophilid centipedes with unusually shaped claws (Chilopoda: Geophilidae). <i>European Journal of Entomology</i> , 2008, 105, 343-354.   | 1.2 | 6         |

| #   | ARTICLE   | IF   | CITATIONS |
|-----|---|------|-----------|
| 109 | »¿Reconnecting research and natural history museums in Italy and the need of a national collection biorepository. <i>ZooKeys</i> , 0, 1104, 55-68.  | 1.1  | 6         |
| 110 | I chilopodi delle isole circumsarde nel contesto del popolamento insulare dell' area tirrenica s.l.. <i>Biogeographia</i> , 1996, 18, .   | 0.5  | 5         |
| 111 | Bits and Pieces. <i>Science</i> , 2004, 306, 1693-1694.   | 12.6 | 5         |
| 112 | Evo-devo's identity: from model organisms to developmental types., 0, , 100-120.  |      | 5         |
| 113 | Pincer-like claws in centipedes (Chilopoda): multiple evolutionary origin of similar form and serial pattern. <i>Zoomorphology</i> , 2011, 130, 17-29.  | 0.8  | 5         |
| 114 | An Evo-Devo Perspective on Analogy in Biology. <i>Philosophies</i> , 2019, 4, 5.  | 0.7  | 5         |
| 115 | Possible Epigenetic Origin of a Recurrent Gynandromorph Pattern in Megachile Wild Bees. <i>Insects</i> , 2021, 12, 437.   | 2.2  | 5         |
| 116 | The role of taxonomy in the analysis of natural and agricultural communities. <i>Agriculture, Ecosystems and Environment</i> , 1989, 27, 57-66.   | 5.3  | 4         |
| 117 | Segmented animals: Origins, relationships, and functions. <i>Italian Journal of Zoology</i> , 1998, 65, 1-4.  | 0.6  | 4         |
| 118 | Myriapods., 2001, , 291-303.  |      | 4         |
| 119 | Possible forms and expected change: an evo-devo perspective on biological evolution. <i>Rendiconti Lincei</i> , 2009, 20, 273-282.  | 2.2  | 4         |
| 120 | Algerophilus, a neglected lineage of Western Mediterranean centipedes (Chilopoda: Geophilidae). <i>Zootaxa</i> , 2012, 3235, 23.  | 0.5  | 4         |
| 121 | Evolution Makes More Sense in the Light of Development. <i>American Biology Teacher</i> , 2014, 76, 493-498.  | 0.2  | 4         |
| 122 | The phylogenetic position of Dinogeophilus and a new evolutionary framework for the smallest epimorphic centipedes (Chilopoda: Epimorpha). <i>Contributions To Zoology</i> , 2015, 84, 237-253. | 0.5  | 4         |
| 123 | EvoDevo and Its Significance for Animal Evolution and Phylogeny., 2015, , 1-23.   |      | 4         |
| 124 | Introduction: The evolution of segmentation. <i>Arthropod Structure and Development</i> , 2017, 46, 323-327.  | 1.4  | 4         |
| 125 | Disciplinary Fields in the Life Sciences: Evolving Divides and Anchor Concepts. <i>Philosophies</i> , 2020, 5, 34.  | 0.7  | 4         |
| 126 | Evolvability and Its Evolvability., 2017, , .   |      | 4         |

| #   | ARTICLE  | IF   | CITATIONS |
|-----|--|------|-----------|
| 127 | Tracing homologies in an ever-changing world. <i>Rivista Di Estetica</i> , 2016, , 40-55.  | 0.1  | 4         |
| 128 | I Chilopodi della regione ligure con particolare riguardo al popolamento delle Alpi Liguri. <i>Biogeographia</i> , 1984, 9, .  | 0.5  | 3         |
| 129 | Considerazioni faunistiche e zoogeografiche sui Chilopodi delle Alpi occidentali. <i>Biogeographia</i> , 1992, 16, .   | 0.5  | 3         |
| 130 | Pectiniunguis bollmani n.sp., from the Coralline Island Cayo Sombrero (Venezuela) with Notes on <i>P. halirrhodus</i> Crabil, 1959 (Chilopoda: Geophilomorpha: Schendylidae). <i>Studies on Neotropical Fauna and Environment</i> , 1999, 34, 176-185. | 1.0  | 3         |
| 131 | Pectiniunguis roigi n. sp., from the Amazonian Rainforest of Ecuador (Chilopoda: Geophilomorpha:) Tj ETQq1 1 0.784314 rgBT <sub>2</sub> /Overlock  | 1.0  |           |
| 132 | An ectopic macrochaeta in the middle of a compound eye of a field-collected anthomyiid fly. <i>Development Genes and Evolution</i> , 2013, 223, 195-197.   | 0.9  | 3         |
| 133 | Understanding Evolution: Why Evo-Devo Matters. <i>BioScience</i> , 2014, 64, 381-382.  | 4.9  | 3         |
| 134 | The Nature of Classification: Relationships and Kinds in the Natural Sciences."By John S. Wilkins and Malte C. Ebach.. <i>Systematic Biology</i> , 2014, 63, 844-846.  | 5.6  | 3         |
| 135 | Genome Evolution: Groping in the Soil Interstices. <i>Current Biology</i> , 2015, 25, R194-R196.   | 3.9  | 3         |
| 136 | A new meistocephalid centipede from Ryukyu Islands and a revisit of "Taiwanella" (Chilopoda:) Tj ETQq0 0 0 rgBT <sub>2</sub> /Overlock   | 0.5  |           |
| 137 | A review of Origination of organismal form: beyond the gene in developmental and evolutionary biology (the Vienna Series in Theoretical Biology) edited by Gerd B. Muller and Stuart A. Newman. <i>Evolution &amp; Development</i> , 2004, 6, 292-294. | 2.0  | 2         |
| 138 | The tapeworm's elusive antero-posterior polarity. <i>BMC Biology</i> , 2016, 14, 17.   | 3.8  | 2         |
| 139 | Reconsidering Morphology Through an Experimental Case Study. <i>Biological Theory</i> , 2017, 12, 131-141.   | 1.5  | 2         |
| 140 | Biological Individuality " A Complex Pattern of Distributed Uniqueness. <i>Perspectives in Pragmatics, Philosophy and Psychology</i> , 2020, , 185-197.  | 0.2  | 2         |
| 141 | Individuals, Hierarchies and the Levels of Selection: A Chapter in Stephen J. Gould's Evolutionary Theory. , 2013, , 73-83.  | 2    |           |
| 142 | Names for Cash. <i>Science</i> , 2000, 287, 1203d-1203.  | 12.6 | 2         |
| 143 | Spatially and Temporally Distributed Complexity" A Refreshed Framework for the Study of GRN Evolution. <i>Cells</i> , 2022, 11, 1790.  | 4.1  | 2         |
| 144 | Metaphysics as natural science. <i>Journal of Evolutionary Biology</i> , 1999, 12, 202-204.  | 1.7  | 1         |

| #   | ARTICLE   | IF   | CITATIONS |
|-----|---|------|-----------|
| 145 | On the true identity of <i>Schendylurus (Schendylotyn) integer</i> Chamberlin, 1926, a termitophilous ballophilid centipede (Chilopoda: Geophilomorpha). <i>Studies on Neotropical Fauna and Environment</i> , 2000, 35, 44-51.                             | 1.0  | 1         |
| 146 | A New Brazilian Schendylid Centipede (Chilopoda: Geophilomorpha) with Unusually Structured Antennae. <i>Zoologischer Anzeiger</i> , 2002, 241, 57-65.   | 0.9  | 1         |
| 147 | <strong>Online-only publishers are here to stay, and will continue to work closely with the ICZN</strong>. <i>Zootaxa</i> , 2014, 3779, 6.  | 0.5  | 1         |
| 148 | Case 3673 <i>Geophilus alpinus</i> Meinert, 1870 (Chilopoda): proposed conservation of the specific name. <i>Bulletin of Zoological Nomenclature</i> , 2015, 72, 41-44.   | 0.1  | 1         |
| 149 | Case 3680<i> <i>Geophilus bonensis</i> </i>Meinert, 1870 (currently<i> <i>Gnathoribautia</i> </i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 587 Td (Nomenclature, 2015, 72, 109-114.   | 0.1  | 1         |
| 150 | Evo-Devo and Phylogenetics., 2016, , 1-12.  |      | 1         |
| 151 | Introductory Concepts., 2019, , 6-46.   |      | 1         |
| 152 | Determination of Sex and Mating Type., 2019, , 297-341.   |      | 1         |
| 153 | Biodiversity, Disparity and Evolvability. <i>History, Philosophy and Theory of the Life Sciences</i> , 2019, , 233-246.   | 0.4  | 1         |
| 154 | Zoology: The view from 1,000 feet. <i>Current Biology</i> , 2022, 32, R225-R228.  | 3.9  | 1         |
| 155 | Two-way street. <i>Nature</i> , 1998, 395, 740-740.   | 27.8 | 0         |
| 156 | Formal biology or biology of forms?. <i>Journal of Evolutionary Biology</i> , 1999, 12, 189-190.  | 1.7  | 0         |
| 157 | A lesson from the past. <i>Journal of Evolutionary Biology</i> , 1999, 12, 195-196.   | 1.7  | 0         |
| 158 | Zoological nomenclature â€“ reflections on the recent past and ideas for our future agenda. <i>Contributions To Zoology</i> , 2001, 70, 185-190.  | 0.5  | 0         |
| 159 | Analysis of segment number and enzyme variation in a centipede reveals a cryptic species, <i>Geophilus easoni</i> sp. nov., and raises questions about speciation. <i>Biological Journal of the Linnean Society</i> , 2002, 76, 163-163.                    | 1.6  | 0         |
| 160 | Phenotypic Integration: Studying the Ecology and Evolution of Complex Phenotypes. <i>Acta Zoologica</i> , 2005, 86, 301-301.  | 0.8  | 0         |
| 161 | Ernst Mayr died on February 3rd 2005, seven months after his 100th birthday. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2005, 43, 177-177.  | 1.4  | 0         |
| 162 | Coleoptera, Beetles. Volume 1: Morphology and Systematics. <i>Handbuch der Zoologie/Handbook of Zoology</i> ; Band/Volume IV Arthropoda: Insecta; Teilband/Part 38. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2006, 44, 260-262. | 1.4  | 0         |

| #   | ARTICLE   | IF   | CITATIONS |
|-----|---|------|-----------|
| 163 | BIO. Evolution & Development, 2009, 11, 11-12.  | 2.0  | 0         |
| 164 | Homo sapiens, an unlikely but effective model in Evo-Devo-a review of Quirks of Human Anatomy: an Evo-Devo Look at the Human Body, by Lewis I. Held, Jr.. Evolution & Development, 2010, 12, 647-648. | 2.0  | 0         |
| 165 | Reproduction and Life Cycle., 2019, , 47-85.  |      | 0         |
| 166 | The Natural History of Reproduction. , 2019, , 86-195.  |      | 0         |
| 167 | Parental Investment in Sexual Reproduction. , 2019, , 196-235.  |      | 0         |
| 168 | Genetics and Cytogenetics of Reproduction. , 2019, , 236-296.   |      | 0         |
| 169 | Reproduction: a Taxonomic Survey. , 2019, , 342-403.  |      | 0         |
| 170 | Renegotiating Disciplinary Fields in the Life Sciences. Philosophies, 2020, 5, 43.  | 0.7  | 0         |
| 171 | Evo-Devo and Phylogenetics. , 2021, , 1139-1150.  |      | 0         |
| 172 | Developmental Sequences: Sustainability versus Adaptation. , 2021, , 76-94.   |      | 0         |
| 173 | The Ecology of Development. , 2021, , 135-151.  |      | 0         |
| 174 | Genes and Development. , 2021, , 95-112.  |      | 0         |
| 175 | Emerging Form. , 2021, , 113-134.   |      | 0         |
| 176 | Cells and Development. , 2021, , 19-35.   |      | 0         |
| 177 | Defining Development, if Possible. , 2021, , 1-18.  |      | 0         |
| 178 | Development as the History of the Individual. , 2021, , 36-53.  |      | 0         |
| 179 | Revisiting the Embryo. , 2021, , 54-75.   |      | 0         |
| 180 | Linnaean Categories. Science, 1996, 274, 1993-1997.   | 12.6 | 0         |

# ARTICLE

IF CITATIONS

181 Linnaean Categories. *Science*, 1996, 274, 1993-1997.

12.6 0