Menno Schilthuizen

List of Publications by Year in descending order

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144 papers

4,862 citations

35 h-index 61 g-index

172 all docs

172 docs citations

172 times ranked

6652 citing authors

#	Article	IF	CITATIONS
1	The world's tiniest land snails from Laos and Vietnam (Gastropoda, Pulmonata, Hypselostomatidae). Contributions To Zoology, 2022, 91, 62-78.	0.5	3
2	Environmental DNA metabarcoding reveals comparable responses to agricultural stressors on different trophic levels of a freshwater community. Molecular Ecology, 2022, 31, 1430-1443.	3.9	5
3	Global urban environmental change drives adaptation in white clover. Science, 2022, 375, 1275-1281.	12.6	62
4	Species identification skills predict in-depth knowledge about species. PLoS ONE, 2022, 17, e0266972.	2.5	7
5	Ptomaphagus thebeatles n. sp., a previously unrecognized beetle from Europe, with remarks on urban taxonomy and recent range expansion (Coleoptera: Leiodidae). Contributions To Zoology, 2021, 90, 1-20.	0.5	1
6	Microbiome and environment explain the absence of correlations between consumers and their diet in Bornean microsnails. Ecology, 2021, 102, e03237.	3.2	3
7	The draft genome sequence of the grove snail <i>Cepaea nemoralis</i> . G3: Genes, Genomes, Genetics, 2021, 11, .	1.8	15
8	The effects of COVID-19 litter on animal life. Animal Biology, 2021, 71, 215-231.	1.0	81
9	Evo-devo of shell colour in gastropods and bivalves. Current Opinion in Genetics and Development, 2021, 69, 1-5.	3.3	18
10	Microbiome and Environment Explain the Absence of Correlations Between Consumers and Their Diet in Bornean Microsnails. Bulletin of the Ecological Society of America, 2021, 102, e01821.	0.2	0
11	Plant diets of land snail community members are similar in composition but differ in richness. Journal of Molluscan Studies, 2021, 87, .	1.2	0
12	On the Fly: Tritrophic Associations of Bats, Bat Flies, and Fungi. Journal of Fungi (Basel, Switzerland), 2020, 6, 361.	3.5	10
13	First record of striking sexual dimorphism in two terrestrial caenogastropods. Journal of Molluscan Studies, 2020, 86, 254-258.	1.2	7
14	Imperfect and askew: A review of asymmetric genitalia in araneomorph spiders (Araneae:) Tj ETQq0 0 0 rgBT /Ov	erlock 10	Tf 50 222 Td (
15	Morphological parallelism of sympatric caveâ€dwelling microsnails of the genus <i>Georissa</i> at Mount Silabur, Borneo (Gastropoda, Neritimorpha, Hydrocenidae). Journal of Zoological Systematics and Evolutionary Research, 2020, 58, 648-661.	1.4	2
16	Expanding the Role of Biodiversity in Laypeople's Lives: The View of Communicators. Sustainability, 2020, 12, 2768.	3.2	7
17	Molecular phylogenetics and evolutionary history of the endemic land snail genus <i>Everettia</i> in northern Borneo. Peerl, 2020, 8, e9416.	2.0	4
18	A new parasitoid wasp, Aphaereta vondelparkensis sp. n. (Braconidae, Alysiinae), from a city park in the centre of Amsterdam. Biodiversity Data Journal, 2020, 8, e49017.	0.8	3

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19	Snail shell colour evolution in urban heat islands detected via citizen science. Communications Biology, 2019, 2, 264.	4.4	28
20	A Rapid and Accurate MinION-Based Workflow for Tracking Species Biodiversity in the Field. Genes, 2019, 10, 468.	2.4	90
21	Identification skills in biodiversity professionals and laypeople: A gap in species literacy. Biological Conservation, 2019, 238, 108202.	4.1	58
22	Phylogeography of Bornean land snails suggests longâ€distance dispersal as a cause of endemism. Journal of Biogeography, 2019, 46, 932-944.	3.0	17
23	Viviparous reproduction in the land snail Idyla (Pulmonata: Clausiliidae) from Greece: a disadvantageous inheritance?. Journal of Molluscan Studies, 2019, 85, 262-270.	1.2	2
24	Increased performance of DNA metabarcoding of macroinvertebrates by taxonomic sorting. PLoS ONE, 2019, 14, e0226527.	2.5	28
25	Bringing the lab to the field: a new lowland <i>Microparmarion</i> semi-slug (Gastropoda:) Tj ETQq1 1 0.784314 is 35-40.	rgBT /Ove 1.2	rlock 10 Tf 50 7
26	First evidence for longâ€ŧerm stasis in wetâ€ŧropics land snail community composition. Ecography, 2019, 42, 591-593.	4.5	1
27	Conchological and molecular analysis of the "non-scaly―Bornean Georissa with descriptions of three new species (Gastropoda, Neritimorpha, Hydrocenidae). ZooKeys, 2019, 840, 35-86.	1.1	6
28	The effects of spatial and temporal replicate sampling on eDNA metabarcoding. PeerJ, 2019, 7, e7335.	2.0	48
29	Increased performance of DNA metabarcoding of macroinvertebrates by taxonomic sorting., 2019, 14, e0226527.		0
30	Increased performance of DNA metabarcoding of macroinvertebrates by taxonomic sorting., 2019, 14, e0226527.		0
31	Increased performance of DNA metabarcoding of macroinvertebrates by taxonomic sorting., 2019, 14, e0226527.		0
32	Increased performance of DNA metabarcoding of macroinvertebrates by taxonomic sorting., 2019, 14, e0226527.		0
33	Increased performance of DNA metabarcoding of macroinvertebrates by taxonomic sorting., 2019, 14, e0226527.		0
34	Increased performance of DNA metabarcoding of macroinvertebrates by taxonomic sorting., 2019, 14, e0226527.		0
35	Sexual dimorphism in shell coloration of Plectostoma (Caenogastropoda: Diplommatinidae) is caused by polyenes. Journal of Molluscan Studies, 2018, 84, 108-110.	1.2	8
36	Comparative genomics of the nonlegume <i>Parasponia</i> reveals insights into evolution of nitrogen-fixing rhizobium symbioses. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E4700-E4709.	7.1	253

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37	Comprehensive evolutionary analysis of the Anthroherpon radiation (Coleoptera, Leiodidae,) Tj ETQq1 1 0.784314	1 rgBT /Ove	erlock 10 Tf
38	A molecular and conchological dissection of the "scaly―Georissa of Malaysian Borneo (Gastropoda,) Tj ETQq	0 0 0 rgBT 1.1	/Overlock 1
39	A review of the Cholevinae from the island of Borneo (Coleoptera, Leiodidae). ZooKeys, 2018, 777, 57-108.	1.1	2
40	Changes in richness and community composition of ectomycorrhizal fungi among altitudinal vegetation types on Mount Kinabalu in Borneo. New Phytologist, 2017, 215, 454-468.	7.3	64
41	The database of the <scp>PREDICTS</scp> (Projecting Responses of Ecological Diversity In Changing) Tj ETQq1 1	0.784314 1.9	rgBT /Overl
42	Postmating sexual selection and the enigmatic jawed genitalia of <i>Callosobruchus subinnotatus</i> . Biology Open, 2017, 6, 1008-1012.	1.2	9
43	An unexpected twist: Sperm cells coil to the right in land snails and to the left in song birds. Contributions To Zoology, 2017, 86, 297-302.	0.5	4
44	Three new minute leaf litter beetles discovered by citizen scientists in Maliau Basin, Malaysian Borneo (Coleoptera: Leiodidae, Chrysomelidae). Biodiversity Data Journal, 2017, 5, e21947.	0.8	16
45	Candidate genes for shell colour polymorphism in <i>Cepaea nemoralis</i> . PeerJ, 2017, 5, e3715.	2.0	22
46	Inferring microevolution from museum collections and resampling: lessons learned from <i>Cepaea </i> . PeerJ, 2017, 5, e3938.	2.0	12
47	The cave beetle genus Anthroherpon is polyphyletic; molecular phylogenetics and description of Graciliella n. gen. (Leiodidae, Leptodirini). Contributions To Zoology, 2016, 85, 337-359.	0.5	9
48	Drosophila pachea asymmetric lobes are part of a grasping device and stabilize one-sided mating. BMC Evolutionary Biology, 2016, 16, 176.	3.2	17
49	A Method for Quantifying, Visualising, and Analysing Gastropod Shell Form. PLoS ONE, 2016, 11, e0157069.	2.5	16
50	Fitness benefits of the fruit fly Rhagoletis alternata on a non-native rose host. Oecologia, 2016, 181, 185-192.	2.0	4
51	The evolution of asymmetric genitalia in Coleoptera. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150400.	4.0	8
52	Incorporation of an invasive plant into a native insect herbivore food web. PeerJ, 2016, 4, e1954.	2.0	32
53	A review and meta-analysis of the enemy release hypothesis in plant–herbivorous insect systems. PeerJ, 2016, 4, e2778.	2.0	69
54	Specimens as primary data: museums and †open science'. Trends in Ecology and Evolution, 2015, 30, 237-238.	8.7	61

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55	Evolution of endemism on a young tropical mountain. Nature, 2015, 524, 347-350.	27.8	234
56	The origin and diversity of <i>Drilus </i> Olivier, 1790 (Elateridae: Agrypninae: Drilini) in Crete based on mitochondrial phylogeny. Systematics and Biodiversity, 2015, 13, 52-75.	1.2	19
57	Phytophagous Insects on Native and Non-Native Host Plants: Combining the Community Approach and the Biogeographical Approach. PLoS ONE, 2015, 10, e0125607.	2.5	10
58	Additions to the knowledge of the land snails of Sabah (Malaysia, Borneo), including 48 new species. ZooKeys, 2015, 531, 1-139.	1.1	26
59	Association between shell morphology of micro-land snails (genus <i>Plectostoma</i>) and their predator's predatory behaviour. PeerJ, 2014, 2, e329.	2.0	23
60	A cybertaxonomic revision of the micro-landsnail genus Plectostoma Adam (Mollusca,) Tj ETQq0 0 0 rgBT /Overl 393, 1-107.	ock 10 Tf ! 1.1	50 547 Td (Ca 32
61	On Diphymyces (Laboulbeniales, Ascomycota) in Malaysian Borneo. Plant Ecology and Evolution, 2014, 147, 93-100.	0.7	7
62	Habitat effects on slug assemblages and introduced species. Journal of Molluscan Studies, 2014, 80, 47-54.	1.2	14
63	Quantitative Analysis of Amygdalin and Prunasin in <i>Prunus serotina</i> Ehrh. using ¹ Hâ€NMR Spectroscopy. Phytochemical Analysis, 2014, 25, 122-126.	2.4	37
64	Contemporary climate change and terrestrial invertebrates: evolutionary versus plastic changes. Evolutionary Applications, 2014, 7, 56-67.	3.1	76
65	Predator-Prey Interactions between Shell-Boring Beetle Larvae and Rock-Dwelling Land Snails. PLoS ONE, 2014, 9, e100366.	2.5	21
66	On growth and form of irregular coiled-shell of a terrestrial snail: <i>Plectostoma concinnum</i> (Fulton, 1901) (Mollusca: Caenogastropoda: Diplommatinidae). PeerJ, 2014, 2, e383.	2.0	22
67	Hybrid zones, barrier loci and the â€~rare allele phenomenon'. Journal of Evolutionary Biology, 2013, 26, 288-290.	1.7	6
68	SNP genotyping for detecting the †rare allele phenomenon' in hybrid zones. Molecular Ecology Resources, 2013, 13, 237-242.	4.8	13
69	Species diversity patterns in insular land snail communities of Borneo. Journal of the Geological Society, 2013, 170, 539-545.	2.1	9
70	Something gone awry: unsolved mysteries in the evolution of asymmetric animal genitalia. Animal Biology, 2013, 63, 1-20.	1.0	37
71	Rapid, habitat-related evolution of land snail colour morphs on reclaimed land. Heredity, 2013, 110, 247-252.	2.6	32
72	The use of statistical tools in field testing of putative effects of genetically modified plants on nontarget organisms. Ecology and Evolution, 2013, 3, 2739-2750.	1.9	12

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73	Evolutionary patterns of asymmetric genitalia in the beetle tribe Cyclocephalini (Coleoptera:) Tj ETQq1 1 0.78431	4 rgBT /Ov	verlock 10 Tf
74	A Syringe-Like Love Dart Injects Male Accessory Gland Products in a Tropical Hermaphrodite. PLoS ONE, 2013, 8, e69968.	2.5	13
75	Scrutinising snail shells. Heredity, 2012, 108, 364-365.	2.6	2
76	Phylogenetic reconstruction and shell evolution of the Diplommatinidae (Gastropoda:) Tj ETQq0 0 0 rgBT /Overlo	ck 10 Tf 50 2.7) 622 Td (Ca
77	The complete mitogenome of Cylindrus obtusus (Helicidae, Ariantinae) using Illumina next generation sequencing. BMC Genomics, 2012, 13, 114.	2.8	40
78	Left-right asymmetry in plants and animals: a gold mine for research. Contributions To Zoology, 2012, 81, 75-78.	0.5	7
79	The ecology of shell shape difference in chirally dimorphic snails. Contributions To Zoology, 2012, 81, 95-101.	0.5	11
80	What do we need to know about speciation?. Trends in Ecology and Evolution, 2012, 27, 27-39.	8.7	358
81	Evolutionary change in <i>Cepaea nemoralis</i> shell colour over 43Âyears. Global Change Biology, 2012, 18, 74-81.	9.5	52
82	Small-scale genetic structuring in a tropical cave snail and admixture with its above-ground sister speciesâ€. Biological Journal of the Linnean Society, 2012, 105, 727-740.	1.6	12
83	How the daddy-longlegs spider got its pedipalps. New Scientist, 2011, 210, 42-45.	0.0	1
84	Community ecology of tropical forest snails: 30 years after Solem. Contributions To Zoology, 2011, 80, 1-15.	0.5	33
85	Phylogenetic relationships between isolated populations of the limestoneâ€dwelling microsnail <i>Gyliotrachela hungerfordiana</i> (Gastropoda: Vertiginidae). Journal of Zoological Systematics and Evolutionary Research, 2011, 49, 266-272.	1.4	11
86	Haldane's rule in the 21st century. Heredity, 2011, 107, 95-102.	2.6	138
87	Dextral and sinistral Amphidromus inversus (Gastropoda: Pulmonata: Camaenidae) produce dextral sperm. Zoomorphology, 2011, 130, 283-287.	0.8	1
88	Using DNA-barcoding to make the necrobiont beetle family Cholevidae accessible for forensic entomology. Forensic Science International, 2011, 210, 91-95.	2.2	14
89	Citizen Science Reveals Unexpected Continental-Scale Evolutionary Change in a Model Organism. PLoS ONE, 2011, 6, e18927.	2.5	118
90	The determinants of land snail diversity along a tropical elevational gradient: insularity, geometry and niches. Journal of Biogeography, 2010, 37, 1071-1078.	3.0	41

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91	Disentangling true shape differences and experimenter bias: are dextral and sinistral snail shells exact mirror images?. Journal of Zoology, 2010, 282, 191-200.	1.7	26
92	The Sexology of the Chirally Dimorphic Snail Species <i>Amphidromus inversus </i> (Gastropoda:) Tj ETQq0 0 0 rg	BT Overlo	ock ₁ 10 Tf 50 7
93	Further twists in gastropod shell evolution. Biology Letters, 2008, 4, 179-182.	2.3	18
94	Using biogeographical patterns of endemic land snails to improve conservation planning for limestone karsts. Biological Conservation, 2008, 141, 2751-2764.	4.1	64
95	A new Georissa (Gastropoda: Neritopsina: Hydrocenidae) from a limestone cave in Malaysian Borneo. Journal of Molluscan Studies, 2007, 73, 215-221.	1.2	7
96	Impacts of habitat fragmentation on genetic diversity in a tropical forest butterfly on Borneo. Journal of Tropical Ecology, 2007, 23, 623-634.	1.1	29
97	Sexual selection maintains whole-body chiral dimorphism in snails. Journal of Evolutionary Biology, 2007, 20, 1941-1949.	1.7	54
98	Taxonomic status and ecology of Oriental Pheretima darnleiensis (Fletcher, 1886) and other earthworms (Oligochaeta: Megascolecidae) from Mt Kinabalu, Borneo. Zootaxa, 2007, 1613, .	0.5	7
99	Opposite shellâ€coiling morphs of the tropical land snail <i>Amphidromus martensi</i> show no spatialâ€scale effects. Ecography, 2006, 29, 477-486.	4.5	6
100	Reproductive character displacement by inversion of coiling in clausiliid snails (Gastropoda,) Tj ETQq0 0 0 rgBT /G	Overlock 1 1.6	.0 Tf 50 382 1
101	MICROGEOGRAPHIC EVOLUTION OF SNAIL SHELL SHAPE AND PREDATOR BEHAVIOR. Evolution; International Journal of Organic Evolution, 2006, 60, 1851-1858.	2.3	53
102	Impacts of rain forest fragmentation on butterflies in northern Borneo: species richness, turnover and the value of small fragments. Journal of Applied Ecology, 2006, 43, 967-977.	4.0	97
103	Limestone Karsts of Southeast Asia: Imperiled Arks of Biodiversity. BioScience, 2006, 56, 733.	4.9	338
104	MICROGEOGRAPHIC EVOLUTION OF SNAIL SHELL SHAPE AND PREDATOR BEHAVIOR. Evolution; International Journal of Organic Evolution, 2006, 60, 1851.	2.3	6
105	Microgeographic evolution of snail shell shape and predator behavior. Evolution; International Journal of Organic Evolution, 2006, 60, 1851-8.	2.3	14
106	Evaluating the Predicted Local Extinction of a Once-Common Mouse. Conservation Biology, 2005, 19, 1312-1317.	4.7	38
107	Possible speciation with gene flow in tropical cave snails. Journal of Zoological Systematics and Evolutionary Research, 2005, 43, 133-138.	1.4	30
108	Prevalence and penetrance variation of male-killing Wolbachia across Indo-Pacific populations of the butterfly Hypolimnas bolina. Molecular Ecology, 2005, 14, 3525-3530.	3.9	64

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109	Population structure and coil dimorphism in a tropical land snail. Heredity, 2005, 95, 216-220.	2.6	20
110	Molecular phylogenetic analysis of the white-crowned forktailEnicurus leschenaultiin Borneo. Journal of Avian Biology, 2005, 36, 96-101.	1.2	52
111	The convoluted evolution of snail chirality. Die Naturwissenschaften, 2005, 92, 504-515.	1.6	114
112	The darting game in snails and slugs. Trends in Ecology and Evolution, 2005, 20, 581-584.	8.7	24
113	Southwood's Kaleidoscope. Journal of Evolutionary Biology, 2004, 17, 931-932.	1.7	0
114	Phylogeography of the land snail Albinaria hippolyti (Pulmonata: Clausiliidae) from Crete, inferred from ITS-1 sequences. Biological Journal of the Linnean Society, 2004, 83, 317-326.	1.6	33
115	Hybridization, rare alleles and adaptive radiation. Trends in Ecology and Evolution, 2004, 19, 404-405.	8.7	42
116	Sexual selection on land snail shell ornamentation: a hypothesis that may explain shell diversity. BMC Evolutionary Biology, 2003, 3, 13.	3.2	27
117	EVOLUTION: A Grand Old Synthesizer's Overview. Science, 2002, 295, 50-50.	12.6	1
118	MICROSNAILS AT MICROSCALES IN BORNEO: DISTRIBUTIONS OF PROSOBRANCHIA VERSUS PULMONATA. Journal of Molluscan Studies, 2002, 68, 255-258.	1.2	17
119	Mollusca: an evolutionary Cornucopia. Trends in Ecology and Evolution, 2002, 17, 8-9.	8.7	13
120	The 'rare allele phenomenon' in a ribosomal spacer. Molecular Ecology, 2001, 10, 1341-1345.	3.9	15
121	LAND SNAIL DIVERSITY IN A SQUARE KILOMETRE OF TROPICAL RAINFORST IN SABAH, MALAYSIAN BORNEO. Journal of Molluscan Studies, 2001, 67, 417-423.	1.2	58
122	Dualism and conflicts in understanding speciation. BioEssays, 2000, 22, 1134-1141.	2.5	58
123	Ecotone: speciation-prone. Trends in Ecology and Evolution, 2000, 15, 130-131.	8.7	85
124	Bimodal hybrid zones and the scale of a snail. Trends in Ecology and Evolution, 2000, 15, 469.	8.7	4
125	Selective increase of a rare haplotype in a land snail hybrid zone. Proceedings of the Royal Society B: Biological Sciences, 1999, 266, 2181-2185.	2.6	32
126	Cloning Odysseus and the seed of speciation. Trends in Ecology and Evolution, 1999, 14, 90-91.	8.7	6

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127	Morphological and molecular phylogenetics in the genus Leptopilina (Hymenoptera: Cynipoidea:) Tj ETQq1 1 0.78	843. <u>1</u> 4 rgBT	∏Qverlock
128	Selfish genetic elements and speciation. Heredity, 1998, 80, 2-8.	2.6	103
129	Distribution of Wolbachia among the guild associated with the parthenogenetic gall wasp Diplolepis rosae. Heredity, 1998, 81, 270-274.	2.6	45
130	Screening Mollusks forWolbachiaInfection. Journal of Invertebrate Pathology, 1998, 71, 268-270.	3.2	15
131	Parthenogenesis-Inducing Wolbachia in Trichogramma kaykai (Hymenoptera: Trichogrammatidae) Originates from a Single Infection. Annals of the Entomological Society of America, 1998, 91, 410-414.	2.5	13
132	Selfish genetic elements and speciation. Heredity, 1998, 80, 2-8.	2.6	12
133	Distribution of Wolbachia among the guild associated with the parthenogenetic gall wasp Diplolepis rosae. Heredity, 1998, 81, 270-274.	2.6	7
134	Phylogenetic Relationships Inferred from the Sequence and Secondary Structure of ITS1 rRNA in Albinaria and Putative Isabellaria Species (Gastropoda, Pulmonata, Clausiliidae). Molecular Phylogenetics and Evolution, 1995, 4, 457-462.	2.7	30
135	Life on the edge: a hybrid zone in Albinaria hippolyti (Gastropoda: Clausiliidae) from Crete. Biological Journal of the Linnean Society, 1995, 54, 111-138.	1.6	7
136	Life on the edge: a hybrid zone inAlbinaria hippolyti(Gastropoda: Clausiliidae) from Crete. Biological Journal of the Linnean Society, 1995, 54, 111-138.	1.6	26
137	A Comparative Study of Hybrid Zones in the Polytypic Land Snail Albinaria Hippolyti (Gastropoda) Tj ETQq1 1 0.78	84314 rgB1 0.4	Γ{Qverloc <mark>k</mark>
138	Parallel evolution of an sAat-â€`hybrizyme' in hybrid zones in Albinaria hippolyti (Boettger). Heredity, 1994, 73, 244-248.	2.6	19
139	Reproductive isolation in snails of the genus Albinaria (Gastropoda: Clausiliidae). Biological Journal of the Linnean Society, 1994, 52, 317-324.	1.6	11
140	Population Structure and Levels of Gene Flow in the Mediterranean Land Snail Albinaria corrugata (Pulmonata: Clausiliidae). Evolution; International Journal of Organic Evolution, 1994, 48, 577.	2.3	45
141	POPULATION STRUCTURE AND LEVELS OF GENE FLOW IN THE MEDITERRANEAN LAND SNAIL <i>ALBINARIA CORRUGATA</i> (PULMONATA: CLAUSILIIDAE). Evolution; International Journal of Organic Evolution, 1994, 48, 577-586.	2.3	66
142	Systematic revision of the genus Everettia Godwin-Austen, 1891 (Mollusca: Gastropoda: Dyakiidae) in Sabah, northern Borneo. Zoological Journal of the Linnean Society, 0, 157, 515-550.	2.3	25
143	Sampling micromolluscs in tropical forests: one size does not fit all. Zoosymposia, 0, 1, 271-280.	0.3	17
144	A new giant keelback slug of the genus Limax from the Balkans, described by citizen scientists. Biodiversity Data Journal, 0, 10 , .	0.8	1