

One, four or 100 genera? A new classification of the con

Journal of Molluscan Studies

81, 1-23

DOI: [10.1093/mollus/eyu055](https://doi.org/10.1093/mollus/eyu055)

Citation Report

#	ARTICLE	IF	CITATIONS
1	The Generification of the Fossil Record. <i>Paleobiology</i> , 2014, 40, 511-528.	1.3	79
2	Molecular phylogeny and evolution of the cone snails (Gastropoda, Conoidea). <i>Molecular Phylogenetics and Evolution</i> , 2014, 78, 290-303.	1.2	140
3	Case 3683 <i>Cylindrus</i> Fitzinger, 1833 (Mollusca, Gastropoda, helicidae): proposed conservation. <i>Bulletin of Zoological Nomenclature</i> , 2015, 72, 269-273.	0.2	3
4	Glowing Seashells: Diversity of Fossilized Coloration Patterns on Coral Reef-Associated Cone Snail (Gastropoda: Conidae) Shells from the Neogene of the Dominican Republic. <i>PLoS ONE</i> , 2015, 10, e0120924.	1.1	18
5	Comparison of the Venom Peptides and Their Expression in Closely Related <i>Conus</i> Species: Insights into Adaptive Post-speciation Evolution of <i>Conus</i> Exogenomes. <i>Genome Biology and Evolution</i> , 2015, 7, 1797-1814.	1.1	37
6	Prey-Capture Strategies of Fish-Hunting Cone Snails: Behavior, Neurobiology and Evolution. <i>Brain, Behavior and Evolution</i> , 2015, 86, 58-74.	0.9	81
7	Specialized insulin is used for chemical warfare by fish-hunting cone snails. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 1743-1748.	3.3	134
8	Supraspecific taxonomy in the Vertiginidae (Gastropoda: Stylommatophora). <i>Journal of Molluscan Studies</i> , 2015, , eyv034.	0.4	3
9	Insights into the origins of fish hunting in venomous cone snails from studies of <i>Conus tessulatus</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 5087-5092.	3.3	60
10	Ecology of <i>Conus</i> on Seychelles reefs at mid-twentieth century: comparative habitat use and trophic roles of co-occurring congeners. <i>Marine Biology</i> , 2015, 162, 2391-2407.	0.7	7
11	Combined Use of Morphological and Molecular Tools to Resolve Species Mis-Identifications in the Bivalvia The Case of <i>Glycymeris glycymeris</i> and <i>G. pilosa</i> . <i>PLoS ONE</i> , 2016, 11, e0162059.	1.1	6
12	Small Packages, Big Returns: Uncovering the Venom Diversity of Small Invertebrate Conoidean Snails. <i>Integrative and Comparative Biology</i> , 2016, 56, 962-972.	0.9	14
13	Identification and qualification of 500 nuclear, single-copy, orthologous genes for the Eupulmonata (Gastropoda) using transcriptome sequencing and exon capture. <i>Molecular Ecology Resources</i> , 2016, 16, 1107-1123.	2.2	40
14	Diversity, habitats and size-frequency distribution of the gastropod genus <i>Conus</i> at Dahab in the Gulf of Aqaba, Northern Red Sea. <i>Zoology in the Middle East</i> , 2016, 62, 125-136.	0.2	4
15	The presence of <i>Teredo clappi</i> (Bivalvia: Teredinidae) in Venezuelan coastal waters. <i>Revista Mexicana De Biodiversidad</i> , 2016, 87, 516-518.	0.4	2
16	Thermoregulatory behaviour and thermal tolerance of three species of Conidae in the Eastern Pacific and Gulf of California coasts of Baja California, Mexico. <i>Molluscan Research</i> , 2016, 36, 247-254.	0.2	3
17	The role of defensive ecological interactions in the evolution of conotoxins. <i>Molecular Ecology</i> , 2016, 25, 598-615.	2.0	52
18	Mitogenomic phylogeny of cone snails endemic to Senegal. <i>Molecular Phylogenetics and Evolution</i> , 2017, 112, 79-87.	1.2	15

#	ARTICLE	IF	CITATIONS
19	$\beta$ -O-Conotoxin GeXIVA disulfide bond isomers exhibit differential sensitivity for various nicotinic acetylcholine receptors but retain potency and selectivity for the human $\alpha 9 \beta 10$ subtype. <i>Neuropharmacology</i> , 2017, 127, 243-252.	2.0	29
20	Initiatives, prospects, and challenges in tropical marine biosciences in Jagna Bay, Bohol Island, Philippines. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	0
21	Pharmacology of predatory and defensive venom peptides in cone snails. <i>Molecular BioSystems</i> , 2017, 13, 2453-2465.	2.9	27
22	Conorfamide-Sr3, a structurally novel specific inhibitor of the Shaker K <sup>+</sup> channel. <i>Toxicon</i> , 2017, 138, 53-58.	0.8	13
23	A Veliconcha Unveiled: Observations on the Larva and Radula of <i>Conus spurius</i> , with Implications for the Origin of Molluscivory in <i>Conus</i> . <i>American Malacological Bulletin</i> , 2017, 35, 111-118.	0.2	5
24	A question of rank: DNA sequences and radula characters reveal a new genus of cone snails (Gastropoda: Conidae). <i>Journal of Molluscan Studies</i> , 2017, 83, 200-210.	0.4	5
25	Contryphan Genes and Mature Peptides in the Venom of Nine Cone Snail Species by Transcriptomic and Mass Spectrometric Analysis. <i>Journal of Proteome Research</i> , 2017, 16, 763-772.	1.8	17
26	Beyond Conus: Phylogenetic relationships of Conidae based on complete mitochondrial genomes. <i>Molecular Phylogenetics and Evolution</i> , 2017, 107, 142-151.	1.2	40
27	Revised Classification, Nomenclator and Typification of Gastropod and Monoplacophoran Families. <i>Malacologia</i> , 2017, 61, 1-526.	0.2	463
28	Phylogenetic relationships of cone snails endemic to Cabo Verde based on mitochondrial genomes. <i>BMC Evolutionary Biology</i> , 2017, 17, 231.	3.2	26
29	Modeling shell morphology of an epitoniid species with parametric equations. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	0
30	How big is a genus? Towards a nomothetic systematics. <i>Zoological Journal of the Linnean Society</i> , 2018, 183, 237-252.	1.0	24
31	$\beta$ -Conotoxins active at $\alpha 3 \beta$ -containing nicotinic acetylcholine receptors and their molecular determinants for selective inhibition. <i>British Journal of Pharmacology</i> , 2018, 175, 1855-1868.	2.7	20
32	The complete mitochondrial genome of <i>Conus quercinus</i> (Neogastropoda: Conidae). <i>Mitochondrial DNA Part B: Resources</i> , 2018, 3, 933-934.	0.2	2
33	Discovery Methodology of Novel Conotoxins from <i>Conus</i> Species. <i>Marine Drugs</i> , 2018, 16, 417.	2.2	27
35	Novel analgesic $\beta$ -conotoxins from the vermivorous cone snail <i>Conus moncuri</i> provide new insights into the evolution of conopeptides. <i>Scientific Reports</i> , 2018, 8, 13397.	1.6	22
36	Diversity and preserved shell coloration patterns of Miocene Conidae (Neogastropoda) from an exposure of the Gatun Formation, Colón Province, Panama. <i>Journal of Paleontology</i> , 2018, 92, 804-837.	0.5	7
37	Conidae (Mollusca, Gastropoda) of Lakshadweep, India. <i>Zootaxa</i> , 2018, 4441, 467-494.	0.2	4

#	ARTICLE	IF	CITATIONS
38	Conotoxin Diversity in <i>Chelyconus ermineus</i> (Born, 1778) and the Convergent Origin of Piscivory in the Atlantic and Indo-Pacific Cones. <i>Genome Biology and Evolution</i> , 2018, 10, 2643-2662.	1.1	28
39	Synthesis, Structure and Biological Activity of CIA and CIB, Two $\delta$ -Conotoxins from the Predation-Evoked Venom of <i>Conus catus</i> . <i>Toxins</i> , 2018, 10, 222.	1.5	20
40	Marine peptides as immunomodulators: <i>Californiconus californicus</i> -derived synthetic conotoxins induce IL-10 production by regulatory T cells (CD4 <sup>+</sup> Foxp3 <sup>+</sup> ). <i>Immunopharmacology and Immunotoxicology</i> , 2019, 41, 463-468.	1.1	7
41	Venomomics Reveals Venom Complexity of the Piscivorous Cone Snail, <i>Conus tulipa</i> . <i>Marine Drugs</i> , 2019, 17, 71.	2.2	20
42	Effects of Predator-Prey Interactions on Predator Traits: Differentiation of Diets and Venoms of a Marine Snail. <i>Toxins</i> , 2019, 11, 299.	1.5	9
43	<i>Conus striatus</i> venom exhibits non-hepatotoxic and non-nephrotoxic potent analgesic activity in mice. <i>Molecular Biology Reports</i> , 2019, 46, 5479-5486.	1.0	2
44	Lack of Signal for the Impact of Conotoxin Gene Diversity on Speciation Rates in Cone Snails. <i>Systematic Biology</i> , 2019, 68, 781-796.	2.7	16
45	High-Throughput Identification and Analysis of Novel Conotoxins from Three Vermivorous Cone Snails by Transcriptome Sequencing. <i>Marine Drugs</i> , 2019, 17, 193.	2.2	18
46	The $\delta$ 1-adrenoceptor inhibitor $\delta$ 1-TIA facilitates net hunting in piscivorous <i>Conus tulipa</i> . <i>Scientific Reports</i> , 2019, 9, 17841.	1.6	4
47	Phylogenetic classification of the family Terebridae (Neogastropoda: Conoidea). <i>Journal of Molluscan Studies</i> , 2019, 85, 359-387.	0.4	6
48	Towards a "Sea-Level Sensitive" dynamic model: impact of island ontogeny and glacioeustasy on global patterns of marine island biogeography. <i>Biological Reviews</i> , 2019, 94, 1116-1142.	4.7	33
49	Mollusc Fauna Associated with Late Pleistocene Coral Reef Systems of the Saudi Arabian Side of the Gulf of Aqaba. , 2019, , 367-387.		1
50	Identifying novel conopeptides from the venom ducts of <i>Conus litteratus</i> through integrating transcriptomics and proteomics. <i>Journal of Proteomics</i> , 2019, 192, 346-357.	1.2	11
51	Backbone Cyclization Turns a Venom Peptide into a Stable and Equipotent Ligand at Both Muscle and Neuronal Nicotinic Receptors. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 12682-12692.	2.9	13
52	Curses or Cures: A Review of the Numerous Benefits Versus the Biosecurity Concerns of Conotoxin Research. <i>Biomedicines</i> , 2020, 8, 235.	1.4	27
53	Studies of Conoramide-Sr3 on Human Voltage-Gated Kv1 Potassium Channel Subtypes. <i>Marine Drugs</i> , 2020, 18, 425.	2.2	8
54	Diversity of Conopeptides and Their Precursor Genes of <i>Conus litteratus</i> . <i>Marine Drugs</i> , 2020, 18, 464.	2.2	11
55	Marine Toxins Targeting Kv1 Channels: Pharmacological Tools and Therapeutic Scaffolds. <i>Marine Drugs</i> , 2020, 18, 173.	2.2	32

#	ARTICLE	IF	CITATIONS
56	Where the snails have no name: a molecular phylogeny of Raphitomidae (Neogastropoda: Conoidea) uncovers vast unexplored diversity in the deep seas of temperate southern and eastern Australia. <i>Zoological Journal of the Linnean Society</i> , 2021, 191, 961-1000.	1.0	6
57	Raising names from the dead: A time-calibrated phylogeny of frog shells (Bursidae, Tonnoidea,) Tj ETQq1 1 0.784314,rgBT /Overlock 10	1.2	3
58	Proteogenomic Assessment of Intraspecific Venom Variability: Molecular Adaptations in the Venom Arsenal of <i>Conus purpurascens</i> . <i>Molecular and Cellular Proteomics</i> , 2021, 20, 100100.	2.5	6
59	Synthesis, Structural and Pharmacological Characterizations of CIC, a Novel $\hat{I}\pm$ -Conotoxin with an Extended N-Terminal Tail. <i>Marine Drugs</i> , 2021, 19, 141.	2.2	3
60	Venom duct origins of prey capture and defensive conotoxins in piscivorous <i>Conus striatus</i> . <i>Scientific Reports</i> , 2021, 11, 13282.	1.6	7
61	A phylogeny-aware approach reveals unexpected venom components in divergent lineages of cone snails. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20211017.	1.2	7
62	Potential Therapeutic Applications of Synthetic Conotoxin s-cal14.2b, Derived from <i>Californiconus californicus</i> , for Treating Type 2 Diabetes. <i>Biomedicines</i> , 2021, 9, 936.	1.4	4
63	A Combined Transcriptomics and Proteomics Approach Reveals the Differences in the Predatory and Defensive Venoms of the Molluscivorous Cone Snail <i>Cylinder ammiralis</i> (Caenogastropoda: Conidae). <i>Toxins</i> , 2021, 13, 642.	1.5	8
64	Molecular phylogenetic analysis of the problematic genus <i>Cardicola</i> (Digenea: Aporocotylidae) indicates massive polyphyly, dramatic morphological radiation and host-switching. <i>Molecular Phylogenetics and Evolution</i> , 2021, 164, 107290.	1.2	7
65	Revising the Role of Defense and Predation in Cone Snail Venom Evolution. <i>Toxinology</i> , 2017, , 105-123.	0.2	2
66	Systematics and Evolution of the Conoidea. , 2016, , 1-32.		2
67	Venomic Interrogation Reveals the Complexity of <i>Conus striolatus</i> Venom. <i>Australian Journal of Chemistry</i> , 2020, 73, 357.	0.5	5
68	Fish-hunting cone snail venoms are a rich source of minimized ligands of the vertebrate insulin receptor. <i>ELife</i> , 2019, 8, .	2.8	49
69	MIDDLE MIOCENE CONOIDEAN GASTROPODS FROM WESTERN UKRAINE (PARATETHYS): INTEGRATIVE TAXONOMY, PALAEOCLIMATOLOGICAL AND PALAEOBIOGEOGRAPHICAL IMPLICATIONS. <i>Acta Palaeontologica Polonica</i> , 0, , .	0.4	2
70	<i>Conus hughmorrisoni</i> , a new species of cone snail from New Ireland, Papua New Guinea (Gastropoda:) Tj ETQq0 0 0,rgBT /Overlock 10 T	0.8	0
71	Revising the Role of Defense and Predation in Cone Snail Venom Evolution. , 2016, , 1-18.		0
73	Systematics and Evolution of the Conoidea. <i>Toxinology</i> , 2017, , 367-398.	0.2	2
77	and Venom: A New Source of Conopeptides with Analgesic Activity. <i>Avicenna Journal of Medical Biotechnology</i> , 2020, 12, 179-185.	0.2	0

#	ARTICLE	IF	CITATIONS
78	Biomedical Potential of the Neglected Molluscivorous and Vermivorous Conus Species. <i>Marine Drugs</i> , 2022, 20, 105.	2.2	6
79	Venomomics Reveals a Non-Compartmentalised Venom Gland in the Early Diverged Vermivorous Conus distans. <i>Toxins</i> , 2022, 14, 226.	1.5	2
80	A short framework-III (mini-M-2) conotoxin from the venom of a vermivorous species, <i>Conus archon</i> , inhibits human neuronal nicotinic acetylcholine receptors. <i>Peptides</i> , 2022, 153, 170785.	1.2	1
81	Late Miocene Conidae (Mollusca: Gastropoda) of Crete (Greece). Part 2. <i>European Journal of Taxonomy</i> , 0, 816, 1-70.	0.6	1
82	Isolation and characterization of five novel disulfide-poor conopeptides from <i>Conus marmoreus</i> venom. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 0, 28, .	0.8	3
84	Classifying organisms and artefacts by their outline shapes. <i>Journal of the Royal Society Interface</i> , 2022, 19, .	1.5	2
85	Evolutionary norm-breaking and extinction in the marine tropics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2023, 120, .	3.3	2
86	Cone snail species off the Brazilian coast and their venoms: a review and update. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 0, 29, .	0.8	1
87	Toxinology of Marine Venomous Snails. <i>Iranian South Medical Journal</i> , 2021, 24, 505-581.	0.2	0