Nicolas Vidal

List of Publications by Year
in descending order

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Version: 2024-02-01

37 papers	3,471 citations	186265 28 h-index	345221 36 g-index
37 all docs	37 docs citations	37 times ranked	2621 citing authors

#	Article	IF	Citations
1	Early evolution of the venom system in lizards and snakes. Nature, 2006, 439, 584-588.	27.8	531
2	The phylogeny of squamate reptiles (lizards, snakes, and amphisbaenians) inferred from nine nuclear protein-coding genes. Comptes Rendus - Biologies, 2005, 328, 1000-1008.	0.2	392
3	Evolution of an Arsenal. Molecular and Cellular Proteomics, 2008, 7, 215-246.	3.8	298
4	The molecular evolutionary tree of lizards, snakes, and amphisbaenians. Comptes Rendus - Biologies, 2009, 332, 129-139.	0.2	234
5	The phylogeny and classification of caenophidian snakes inferred from seven nuclear protein-coding genes. Comptes Rendus - Biologies, 2007, 330, 182-187.	0.2	172
6	The structural and functional diversification of the Toxicofera reptile venom system. Toxicon, 2012, 60, 434-448.	1.6	142
7	Molecular evidence for a terrestrial origin of snakes. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, S226-9.	2.6	128
8	Origin of tropical American burrowing reptiles by transatlantic rafting. Biology Letters, 2008, 4, 115-118.	2.3	127
9	Higher-level relationships of snakes inferred from four nuclear and mitochondrial genes. Comptes Rendus - Biologies, 2002, 325, 977-985.	0.2	102
10	Blindsnake evolutionary tree reveals long history on Gondwana. Biology Letters, 2010, 6, 558-561.	2.3	98
11	Phylogenetic Relationships of Xenodontine Snakes Inferred from 12S and 16S Ribosomal RNA Sequences. Molecular Phylogenetics and Evolution, 2000, 14, 389-402.	2.7	95
12	COLUBROID SYSTEMATICS: EVIDENCE FOR AN EARLY APPEARANCE OF THE VENOM APPARATUS FOLLOWED BY EXTENSIVE EVOLUTIONARY TINKERING. Toxin Reviews, 2002, 21, 21-41.	1.5	94
13	Evolution and diversification of the Toxicofera reptile venom system. Journal of Proteomics, 2009, 72, 127-136.	2.4	91
14	Higher-level relationships of caenophidian snakes inferred from four nuclear and mitochondrial genes. Comptes Rendus - Biologies, 2002, 325, 987-995.	0.2	90
15	Snake venom: From fieldwork to the clinic. BioEssays, 2011, 33, 269-279.	2.5	87
16	Dissecting the major American snake radiation: A molecular phylogeny of the Dipsadidae Bonaparte (Serpentes, Caenophidia). Comptes Rendus - Biologies, 2010, 333, 48-55.	0.2	82
17	Molecular evidence for an Asian origin of monitor lizards followed by Tertiary dispersals to Africa and Australasia. Biology Letters, 2012, 8, 853-855.	2.3	65
18	Evolutionary diversity of bile salts in reptiles and mammals, including analysis of ancient human and extinct giant ground sloth coprolites. BMC Evolutionary Biology, 2010, 10, 133.	3.2	57

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19	Molecular Evolution of Vertebrate Neurotrophins: Co-Option of the Highly Conserved Nerve Growth Factor Gene into the Advanced Snake Venom Arsenalf. PLoS ONE, 2013, 8, e81827.	2.5	56
20	Dissecting the major African snake radiation: a molecular phylogeny of the Lamprophiidae Fitzinger (Serpentes, Caenophidia). Zootaxa, 2008, 1945, 51-66.	0.5	55
21	Squeezers and Leaf-cutters: Differential Diversification and Degeneration of the Venom System in Toxicoferan Reptiles. Molecular and Cellular Proteomics, 2013, 12, 1881-1899.	3.8	52
22	Molecular evidence for the paraphyly of Scolecophidia and its evolutionary implications. Journal of Evolutionary Biology, 2018, 31, 1782-1793.	1.7	52
23	Snake Venom in Context: Neglected Clades and Concepts. Frontiers in Ecology and Evolution, 2019, 7, .	2.2	43
24	Molecular phylogeny, classification, and biogeography of West Indian racer snakes of the Tribe Alsophiini (Squamata, Dipsadidae, Xenodontinae). Zootaxa, 2009, 2067, 1-28.	0.5	40
25	Weighting and Congruence: A Case Study Based on Three Mitochondrial Genes in Pitvipers. Molecular Phylogenetics and Evolution, 1998, 9, 366-374.	2.7	39
26	Hidden species diversity of Australian burrowing snakes (Ramphotyphlops). Biological Journal of the Linnean Society, 2013, 110, 427-441.	1.6	38
27	Endless forms most beautiful: the evolution of ophidian oral glands, including the venom system, and the use of appropriate terminology for homologous structures. Zoomorphology, 2017, 136, 107-130.	0.8	38
28	New insights into the early history of snakes inferred from two nuclear genes. Molecular Phylogenetics and Evolution, 2004, 31, 783-787.	2.7	36
29	Tracing the history and biogeography of the Australian blindsnake radiation. Journal of Biogeography, 2013, 40, 928-937.	3.0	23
30	Revision of the Tropidolaemus wagleri-complex (Serpentes: Viperidae: Crotalinae). I. Definition of included taxa and redescription of Tropidolaemus wagleri (Boie, 1827). Zootaxa, 2007, 1644, 1-40.	0.5	21
31	Molecular Systematics of African Colubroidea (Squamata: Serpentes). , 2005, , 221-228.		19
32	Complex Evolution of Bile Salts in Birds. Auk, 2010, 127, 820-831.	1.4	19
33	A new genus and species of xenodermatid snake (Squamata:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 1 Republic . Zootaxa, 2015, 3926, 523.	0.5	19
34	Molecular systematics of pitvipers: paraphyly of the Bothrops complex. Comptes Rendus De L'AcadÃ©mie Des Sciences SÃ©rie 3, Sciences De La Vie, 1997, 320, 95-101.	0.8	15
35	A revision of the Trimeresurus puniceus-complex (Serpentes: Viperidae: Crotalinae) based on morphological and molecular data. Zootaxa, 2006, 1293, 1.	0.5	15
36	Molecular Evidence for the Nonmonophyly of the Asian Natricid GenusXenochrophis(Serpentes, Colubroidea) as Inferred from Mitochondrial and Nuclear Genes. Journal of Herpetology, 2012, 46, 263-268.	0.5	4

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37	Worms in the sand: Systematic revision of the Australian blindsnake Anilios leptosoma (Robb, 1972) species complex (Squamata: Scolecophidia: Typhlopidae) from the Geraldton Sandplain, with description of two new species. Zootaxa, 2017, 4323, 1.	0.5	2