

Julien Claude

List of Publications by Year in descending order

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79
papers

13,152
citations

236612

25
h-index

71532

76
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86
all docs

86
docs citations

86
times ranked

23965
citing authors

#	ARTICLE	IF	CITATIONS
1	APE: Analyses of Phylogenetics and Evolution in R language. <i>Bioinformatics</i> , 2004, 20, 289-290.	1.8	10,601
2	Momocs: Outline Analysis Using<i>R</i>. <i>Journal of Statistical Software</i> , 2014, 56, .	1.8	406
3	Analysis of Comparative Data Using Generalized Estimating Equations. <i>Journal of Theoretical Biology</i> , 2002, 218, 175-185.	0.8	228
4	A Unifying Model for the Analysis of Phenotypic, Genetic, and Geographic Data. <i>Systematic Biology</i> , 2012, 61, 897-911.	2.7	128
5	A geometric morphometric assessment of the effects of environment and cladogenesis on the evolution of the turtle shell. <i>Biological Journal of the Linnean Society</i> , 2003, 79, 485-501.	0.7	116
6	Ecological Correlates and Evolutionary Divergence in the Skull of Turtles: A Geometric Morphometric Assessment. <i>Systematic Biology</i> , 2004, 53, 933-948.	2.7	100
7	Global parasite and <i>Rattus</i> rodent invasions: The consequences for rodentâ€borne diseases. <i>Integrative Zoology</i> , 2015, 10, 409-423.	1.3	78
8	Cytonuclear discordance among Southeast Asian black rats (<i>Rattus rattus</i> complex). <i>Molecular Ecology</i> , 2013, 22, 1019-1034.	2.0	71
9	A nomenclature for fossil and living turtles using phylogenetically defined clade names. <i>Swiss Journal of Palaeontology</i> , 2021, 140, .	0.7	66
10	Dating cryptodiran nodes: Origin and diversification of the turtle superfamily Testudinoidea. <i>Molecular Phylogenetics and Evolution</i> , 2012, 62, 496-507.	1.2	63
11	Changing landscapes of Southeast Asia and rodentâ€borne diseases: decreased diversity but increased transmission risks. <i>Ecological Applications</i> , 2019, 29, e01886.	1.8	57
12	Habitat fragmentation alters the properties of a hostâ€ parasite network: rodents and their helminths in Southâ€East Asia. <i>Journal of Animal Ecology</i> , 2015, 84, 1253-1263.	1.3	51
13	Bois-de-Riquet (LÃ©zignan-la-CÃ©be, HÃ©rault): A late Early Pleistocene archeological occurrence in southern France. <i>Quaternary International</i> , 2016, 393, 24-40.	0.7	48
14	A New 13 Million Year Old Gavialoid Crocodylian from Proto-Amazonian Mega-Wetlands Reveals Parallel Evolutionary Trends in Skull Shape Linked to Longirostry. <i>PLoS ONE</i> , 2016, 11, e0152453.	1.1	47
15	First Clarkforkian Equivalent Land Mammal Age in the Latest Paleocene Basal Sparnacian Facies of Europe: Fauna, Flora, Paleoenvironment and (Bio)stratigraphy. <i>PLoS ONE</i> , 2014, 9, e86229.	1.1	46
16	Assessing the distribution of diseaseâ€bearing rodents in humanâ€modified tropical landscapes. <i>Journal of Applied Ecology</i> , 2015, 52, 784-794.	1.9	44
17	Morphometrics with R. , 2008, , .		35
18	Neogene reptiles of northeastern Thailand and their paleogeographical significance. <i>Annales De Paleontologie</i> , 2011, 97, 113-131.	0.1	34

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19	Morphometrics Parallel Genetics in a Newly Discovered and Endangered Taxon of Galápagos Tortoise. PLoS ONE, 2009, 4, e6272.	1.1	34
20	Mandible morphology, dental microwear, and diet of the extinct giant rats <i>Canariomys</i> (Rodentia: Tj ETQq0 0 0 rgBT/Overlo	0.7	31
21	Patterns of morphological evolution in the mandible of the house mouse <i>Mus musculus</i> (Rodentia: Tj ETQq1 1 0.784314 rgBT/Overlo	0.7	30
22	New side-necked turtle (Pleurodira: Bothremydidae) from the Upper Maastrichtian of the Petites-Pyrénées (Haute-Garonne, France). Cretaceous Research, 2002, 23, 465-471.	0.6	29
23	Evolutionary history of the Karoo bush rat, <i>Myotomys unisulcatus</i> (Rodentia: Muridae): discordance between morphology and genetics. Biological Journal of the Linnean Society, 2011, 102, 510-526.	0.7	28
24	Morphological variations of wild populations of Nile tilapia (<i>Oreochromis niloticus</i>) living in extreme environmental conditions in the Kenyan Rift-Valley. Environmental Biology of Fishes, 2016, 99, 473-485.	0.4	27
25	Self-righting potential and the evolution of shell shape in Galápagos tortoises. Scientific Reports, 2017, 7, 15828.	1.6	27
26	Skull Size and Biomechanics are Good Estimators of <i>In Vivo</i> Bite Force in Murid Rodents. Anatomical Record, 2018, 301, 256-266.	0.8	27
27	<i>Gavialis</i> from the Pleistocene of Thailand and Its Relevance for Drainage Connections from India to Java. PLoS ONE, 2012, 7, e44541.	1.1	25
28	A new rhinoceros clade from the Pleistocene of Asia sheds light on mammal dispersals to the Philippines. Zoological Journal of the Linnean Society, 2022, 194, 416-430.	1.0	25
29	<i>Basilochelys macrobios</i> n. gen. and n. sp., a large cryptodiran turtle from the Phu Kradung Formation (latest Jurassic-earliest Cretaceous) of the Khorat Plateau, NE Thailand. Geological Society Special Publication, 2009, 315, 153-173.	0.8	23
30	Turtles from the late Eocene to early Oligocene of the Krabi Basin (Thailand). Bulletin - Societe Geologique De France, 2007, 178, 305-316.	0.9	22
31	Progress on research on rodents and rodent-borne zoonoses in South-east Asia. Wildlife Research, 2015, 42, 98.	0.7	22
32	A new freshwater teleosaurid from the Jurassic of northeastern Thailand. Journal of Vertebrate Paleontology, 2018, 38, e1549059.	0.4	22
33	Optimizing digitalization effort in morphometrics. Biology Methods and Protocols, 2020, 5, bpaa023.	1.0	22
34	Environmental media and shape asymmetry: a case study on turtle shells. Biological Journal of the Linnean Society, 0, 94, 483-489.	0.7	21
35	Turtle assemblages of the Khorat Group (Late Jurassic-Early Cretaceous) of NE Thailand and their palaeobiogeographical significance. Geological Society Special Publication, 2009, 315, 141-152.	0.8	21
36	Geoemydid turtles from the Late Eocene Maoming basin, southern China. Bulletin - Societe Geologique De France, 2012, 183, 641-651.	0.9	21

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37	Shape plasticity in response to water velocity in the freshwater blenny <i>Salaria fluviatilis</i> . <i>Journal of Fish Biology</i> , 2016, 88, 1191-1203.	0.7	19
38	The first sinamiid fish (Holostei: Halecomorpha) from Southeast Asia (Early Cretaceous of Thailand). <i>Journal of Vertebrate Paleontology</i> , 2007, 27, 827-837.	0.4	18
39	Incorporating parasite systematics in comparative analyses of variation in spleen mass and testes sizes of rodents. <i>Parasitology</i> , 2011, 138, 1804-1814.	0.7	18
40	Study of the carapace shape and growth in two Galápagos tortoise lineages. <i>Journal of Morphology</i> , 2011, 272, 379-386.	0.6	18
41	Morphometric identification of individuals when there are more shape variables than reference specimens: A case study in Galápagos tortoises. <i>Comptes Rendus - Biologies</i> , 2012, 335, 62-68.	0.1	16
42	The rediscovery and redescription of the holotype of the Late Jurassic turtle <i>Plesiochelys etalloni</i> . <i>PeerJ</i> , 2014, 2, e258.	0.9	16
43	The ecology of sexual dimorphism in size and shape of the freshwater blenny <i>Salaria fluviatilis</i> . <i>Environmental Epigenetics</i> , 2018, 64, 183-191.	0.9	15
44	<i>Kalasinemys</i> , a new xinjiangchelyid turtle from the Late Jurassic of NE Thailand. <i>Geological Magazine</i> , 2019, 156, 1645-1656.	0.9	15
45	Dental Shape Variation and Phylogenetic Signal in the Rattini Tribe Species of Mainland Southeast Asia. <i>Journal of Mammalian Evolution</i> , 2019, 26, 435-446.	1.0	15
46	Ecological and functional correlates of molar shape variation in European populations of <i>Arvicola</i> (Arvicolinae, Rodentia). <i>Zoologischer Anzeiger</i> , 2012, 251, 335-343.	0.4	14
47	Sex reversal induces size and performance differences among females of the African pygmy mouse, <i>Mus minutoides</i> . <i>Journal of Experimental Biology</i> , 2017, 220, 1947-1951.	0.8	14
48	Evolving Teeth Within a Stable Masticatory Apparatus in Orkney Mice. <i>Evolutionary Biology</i> , 2018, 45, 405-424.	0.5	14
49	Height and body mass influence on human body outlines: A quantitative approach using an elliptic Fourier analysis. <i>American Journal of Physical Anthropology</i> , 2010, 142, 22-29.	2.1	13
50	A new primitive eucryptodiran turtle from the Upper Jurassic Phu Kradung Formation of the Khorat Plateau, NE Thailand. <i>Geological Magazine</i> , 2015, 152, 166-175.	0.9	13
51	Bite Force Performance, Fluctuating Asymmetry and Antisymmetry in the Mandible of Inbred and Outbred Wild-Derived Strains of Mice (<i>Mus musculus domesticus</i>). <i>Evolutionary Biology</i> , 2018, 45, 287-302.	0.5	12
52	A new species of <i>Cuora</i> (Testudines: Geoemydidae) from the Miocene of Thailand and its evolutionary significance. <i>Geological Magazine</i> , 2013, 150, 908-922.	0.9	9
53	Ecological and evolutionary influences on body size and shape in the Galápagos marine iguana (<i>Amblyrhynchus cristatus</i>). <i>Oecologia</i> , 2016, 181, 885-894.	0.9	9
54	Estimating the phylogeny of geoemydid turtles (Cryptodira) from landmark data: an assessment of different methods. <i>PeerJ</i> , 2019, 7, e7476.	0.9	9

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55	Presence of a chelydrid turtle in the late Pliocene Camp dels Ninots locality (Spain). Bulletin - Societie Geologique De France, 2014, 185, 253-256.	0.9	8
56	A Jurassic stem pleurodire sheds light on the functional origin of neck retraction in turtles. Scientific Reports, 2017, 7, 42376.	1.6	8
57	Morphometric models for estimating bite force in <i>Mus</i> and <i>Rattus</i> : mandible shape and size do better than lever-arm ratios. Journal of Experimental Biology, 2019, 222, .	0.8	8
58	Decoupled ontogeny of in vivo bite force and mandible morphology reveals effects of weaning and sexual maturation in mice. Biological Journal of the Linnean Society, 2020, 129, 558-569.	0.7	8
59	A compsemid turtle from the Upper Cretaceous of Var, southern France. Annales De Paleontologie, 2022, 108, 102536.	0.1	8
60	Effects of mammarenavirus infection (WÄ“nzhÅu virus) on the morphology of <i>Rattus exulans</i> . Infection, Genetics and Evolution, 2018, 63, 404-409.	1.0	7
61	The recent fossil turtle record of the central plain of Thailand reveals local extinctions. Annales De Paleontologie, 2019, 105, 305-315.	0.1	7
62	Phylogenetic signal and functional significance of incisor enamel microstructure in Arvicola (Rodentia, Arvicolinae). Comptes Rendus - Palevol, 2011, 10, 479-487.	0.1	6
63	One skull to rule them all? Descriptive and comparative anatomy of the masticatory apparatus in five mouse species. Journal of Morphology, 2018, 279, 1234-1255.	0.6	6
64	An alternative interpretation of the Paleogene turtle <i>Cardichelyon rogerwoodi</i> as a hinged kinosternoid. Journal of Paleontology, 2020, 94, 557-567.	0.5	6
65	<i>Yakemys multiporcata</i> n. g. n. sp., a Large Macrobaenid Turtle from the Basal Cretaceous of Thailand, with a Review of the Turtle Fauna from the Phu Kradung Formation and Its Stratigraphical Implications. Diversity, 2021, 13, 630.	0.7	6
66	Flexible conservatism in the skull modularity of convergently evolved myrmecophagous placental mammals. BMC Ecology and Evolution, 2022, 22, .	0.7	6
67	Biogeographical affinities of Jurassic and Cretaceous continental vertebrate assemblages from SE Asia. Geological Society Special Publication, 2009, 315, 285-300.	0.8	5
68	A spatio-temporal decrease in molar size in the western European house mouse. Mammalian Biology, 2011, 76, 51-57.	0.8	5
69	Phu Din Daeng, a new Early Cretaceous vertebrate locality on the Khorat Plateau, NE Thailand. Annales De Paleontologie, 2019, 105, 223-237.	0.1	5
70	Plio-Pleistocene giant tortoises from Tha Chang sandpits, Nakhon Ratchasima Province, Thailand. Annales De Paleontologie, 2019, 105, 257-267.	0.1	4
71	Morphometric and taphonomic study of a ray-finned fish assemblage (<i>Lepidotes</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 107 Geological Society Special Publication, 2009, 315, 115-124.	0.8	3
72	A new taxonomic toolkit for identification of two sympatric species of Bandicota (Rodentia: Muridae) from mainland Southeast Asia. Mammalia, 2016, 80, .	0.3	3

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73	<i>Wutuchelys eocenica</i> n. gen. n. sp., an Eocene stem testudinoid turtle from Wutu, Shandong Province, China. <i>Geological Magazine</i> , 2019, 156, 133-146.	0.9	3
74	The phylogenetic relationships of geoemydid turtles from the Eocene Messel Pit Quarry: a first assessment using methods for continuous and discrete characters. <i>PeerJ</i> , 2021, 9, e11805.	0.9	3
75	Non-Random Occurrence of Robertsonian Translocations in the House Mouse (<i>Mus musculus</i>) Tj ETQq1 1 0.784314 rgBT /Over <i>Genome Research</i> , 2014, 144, 124-130.	0.6	2
76	Comparative analysis: recent developments and uses with parasites. , 0, , 337-350.		1
77	Embryological development of the freshwater crab <i>Esothelphusa nani</i> (Naiyanetr, 1984) (Brachyura:) Tj ETQq1 1 0.784314 rgBT /Over 162-171.	0.3	1
78	3D models related to the publication: One skull to rule them all? Descriptive and comparative anatomy of the masticatory apparatus in five mice species based on traditional and digital dissections.. <i>MorphoMuseum</i> , 2018, 4, e65.	0.1	1
79	Morphology of male reproductive organs of the rice field crab <i>Esothelphusa nani</i> (Naiyanetr, 1984) (Brachyura, Gecarcinucidae). <i>Crustaceana</i> , 2021, 94, 823-844.	0.1	0