Olivier Rieppel

List of Publications by Year
in descending order

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211	7,644	71102	95266
papers	citations	41 h-index	68 g-index

221	221	221	2682
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Assembling the Squamate Tree of Life: Perspectives from the Phenotype and the Fossil Record. Bulletin of the Peabody Museum of Natural History, 2012, 53, 3-308.	1.1	410
2	An ancestral turtle from the Late Triassic of southwestern China. Nature, 2008, 456, 497-501.	27.8	291
3	A Fossil Snake with Limbs. Science, 2000, 287, 2010-2012.	12.6	200
4	Similarity. Biological Journal of the Linnean Society, 2002, 75, 59-82.	1.6	192
5	The Origin and Early Evolution of Turtles. Annual Review of Ecology, Evolution, and Systematics, 1999, 30, 1-22.	6.7	187
6	Science in Pictures: The Fossils of Monte San Giorgio. Scientific American, 1989, 260, 74-81.	1.0	185
7	Reptile phylogeny and the interrelationships of turtles. Zoological Journal of the Linnean Society, 1997, 120, 281-354.	2.3	175
8	A Review of the Origin of Snakes. , 1988, , 37-130.		143
9	A basal ichthyosauriform with a short snout from the Lower Triassic of China. Nature, 2015, 517, 485-488.	27.8	97
10	Studies on skeleton formation in reptiles: Patterns of ossification in the skeleton of Chelydra serpentina (Reptilia, Testudines). Journal of Zoology, 1993, 231, 487-509.	1.7	96
11	Turtles as hopeful monsters. BioEssays, 2001, 23, 987-991.	2.5	84
12	Studies on Skeleton Formation in Reptiles. Patterns of Ossification in the Skeleton of Lacerta agilis exigua Eichwald (Reptilia, Squamata). Journal of Herpetology, 1994, 28, 145.	0.5	80
13	Studies on skeleton formation in reptiles. I. The postembryonic development of the skeleton in Cyrtodactylus pubisulcus (Reptilia: Gekkonidae). Journal of Zoology, 1992, 227, 87-100.	1.7	75
14	The PhyloCode: a critical discussion of its theoretical foundation. Cladistics, 2006, 22, 186-197.	3.3	75
15	Feeding mechanics in Triassic stem-group sauropterygians: the anatomy of a successful invasion of Mesozoic seas. Zoological Journal of the Linnean Society, 2002, 135, 33-63.	2.3	74
16	Modules, kinds, and homology. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2005, 304B, 18-27.	1.3	72
17	HOMOLOGY, TOPOLOGY, AND TYPOLOGY: THE HISTORY OF MODERN DEBATES. , 1994, , 63-100.		69
18	The Poverty of Taxonomic Characters. Biology and Philosophy, 2007, 22, 95-113.	1.4	67

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19	The skull of the pistosaurAugustasaurusfrom the Middle Triassic of northwestern Nevada. Journal of Vertebrate Paleontology, 2002, 22, 577-592.	1.0	66
20	Popper and Systematics. Systematic Biology, 2003, 52, 259-271.	5.6	63
21	Terrestrial Origin of Viviparity in Mesozoic Marine Reptiles Indicated by Early Triassic Embryonic Fossils. PLoS ONE, 2014, 9, e88640.	2.5	63
22	Morphology of the skull of the whiteâ€nosed blindsnake, Liotyphlops albirostris (Scolecophidia:) Tj ETQq0 0 0 rgBT /Overlock 10	1.2	61
23	The skull and the jaw adductor musculature in some burrowing scincomorph lizards of the genera Acontias, Typhlosaurus and Feylinia. Journal of Zoology, 1981, 195, 493-528.	1.7	61
24	The cranial morphology of the fossorial lizard genus Dibamus with a consideration of its phylogenetic relationships*. Journal of Zoology, 1984, 204, 289-327.	1.7	60
25	Studies on Skeleton formation in reptiles. IV. The homology of the reptilian (amniote) astragalus revisited. Journal of Vertebrate Paleontology, 1993, 13, 31-47.	1.0	60
26	The braincases of mosasaurs and Varanus, and the relationships of snakes. Zoological Journal of the Linnean Society, 2000, 129, 489-514.	2.3	59
27	The loss of the lower temporal arcade in diapsid reptiles. Zoological Journal of the Linnean Society, 1981, 72, 203-217.	2.3	58
28	The mosasaur tooth attachment apparatus as paradigm for the evolution of the gnathostome periodontium. Evolution & Development, 2009, 11, 247-259.	2.0	58
29	The series, the network, and the tree: changing metaphors of order in nature. Biology and Philosophy, 2010, 25, 475-496.	1.4	57
30	Semaphoronts, cladograms and the roots of total evidence. Biological Journal of the Linnean Society, 2003, 80, 167-186.	1.6	56
31	Does counting species count as taxonomy? On misrepresenting systematics, yet again. Cladistics, 2014, 30, 322-329.	3.3	56
32	Paedomorphosis and skull structure in Malagasy chamaeleons (Reptilia: Chamaeleoninae). Journal of Zoology, 1997, 243, 351-380.	1.7	55
33	Green anole in Dominican amber. Nature, 1980, 286, 486-487.	27.8	54
34	THE ANATOMY AND RELATIONSHIPS OF HAASIOPHIS TERRASANCTUS, A FOSSIL SNAKE WITH WELL-DEVELOPED HIND LIMBS FROM THE MID-CRETACEOUS OF THE MIDDLE EAST. Journal of Paleontology, 2003, 77, 536-558.	0.8	54
35	Macropredatory ichthyosaur from the Middle Triassic and the origin of modern trophic networks. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 1393-1397.	7.1	53
36	The Phylogeny of Anguinomorph Lizards. , 1980, , .		52

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37	Homology and logical fallacy. Journal of Evolutionary Biology, 1992, 5, 701-715.	1.7	52
38	Rejecting "the given" in systematics. Cladistics, 2006, 22, 369-377.	3.3	52
39	Species: kinds of individuals or individuals of a kind. Cladistics, 2007, 23, 373-384.	3.3	51
40	The development of the skull inAcrochordus granulatus (Schneider) (Reptilia: Serpentes), with special consideration of the otico-occipital complex. Journal of Morphology, 2001, 249, 252-266.	1.2	50
41	Studies on the skull of the Henophidia (Reptilia: Serpentes). Journal of Zoology, 2009, 181, 145-173.	1.7	50
42	Phylogeny and paleobiogeography of Triassic Sauropterygia: problems solved and unresolved. Palaeogeography, Palaeoclimatology, Palaeoecology, 1999, 153, 1-15.	2.3	49
43	The Recessus Scalae Tympani and Its Bearing on the Classification of Reptiles. Journal of Herpetology, 1985, 19, 373.	0.5	48
44	First record of Placodontoidea (Reptilia, Sauropterygia, Placodontia) from the Eastern Tethys. Journal of Vertebrate Paleontology, 2008, 28, 904-908.	1.0	48
45	The Early Triassic eosauropterygianMajiashanosaurus discocoracoidis, gen. et sp. nov. (Reptilia,) Tj ETQq1 1 0.784314 rgBT /Ov Paleontology, 2014, 34, 1044-1052.	1.0	45
46	A gigantic nothosaur (Reptilia: Sauropterygia) from the Middle Triassic of SW China and its implication for the Triassic biotic recovery. Scientific Reports, 2014, 4, 7142.	3.3	45
47	The hind limb ofMacrocnemus bassanii(Nopcsa) (Reptilia, Diapsida): development and functional anatomy. Journal of Vertebrate Paleontology, 1989, 9, 373-387.	1.0	44
48	An Investigation into the Occurrence of Plicidentine in the Teeth of Squamate Reptiles. Copeia, 2006, 2006, 337-350.	1.3	44
49	A new pachypleurosaur (Reptilia: Sauropterygia) from the lower Middle Triassic of southwestern China and the phylogenetic relationships of Chinese pachypleurosaurs. Journal of Vertebrate Paleontology, 2011, 31, 292-302.	1.0	44
50	The Enigmatic Marine Reptile Nanchangosaurus from the Lower Triassic of Hubei, China and the Phylogenetic Affinities of Hupehsuchia. PLoS ONE, 2014, 9, e102361.	2.5	44
51	The trigeminal jaw adductor musculature of Tupinambis, with comments on the phylogenetic relationships of the Teiidae (Reptilia, Lacertilia). Zoological Journal of the Linnean Society, 1980, 69, 1-29.	2.3	43
52	The systematic status ofHanosaurus hupehensis(Reptilia, Sauropterygia) from the Triassic of China. Journal of Vertebrate Paleontology, 1998, 18, 545-557.	1.0	43
53	Corosaurus alcovensis Case and the phylogenetic interrelationships of Triassic stem-group Sauropterygia. Zoological Journal of the Linnean Society, 1998, 124, 1-41.	2.3	43
54	Monophyly, Paraphyly, and Natural Kinds. Biology and Philosophy, 2005, 20, 465-487.	1.4	43

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55	Selective extinction of Triassic marine reptiles during long-term sea-level changes illuminated by seawater strontium isotopes. Palaeogeography, Palaeoclimatology, Palaeoecology, 2014, 400, 9-16.	2.3	43
56	Phylogeny of the Ichthyopterygia incorporating recent discoveries from South China. Journal of Vertebrate Paleontology, 2016, 36, e1025956.	1.0	43
57	A Triassic stem turtle with an edentulous beak. Nature, 2018, 560, 476-479.	27.8	43
58	A large aberrant stem ichthyosauriform indicating early rise and demise of ichthyosauromorphs in the wake of the end-Permian extinction. Scientific Reports, 2016, 6, 26232.	3.3	42
59	Turtles as diapsid reptiles. Zoologica Scripta, 2000, 29, 199-212.	1.7	41
60	Comparative morphology of the dermal palate in squamate reptiles, with comments on phylogenetic implications. Zoological Journal of the Linnean Society, 0, 152, 131-152.	2.3	41
61	Species as a Process. Acta Biotheoretica, 2009, 57, 33-49.	1.5	41
62	A new Triassic marine reptile from southwestern China. Journal of Vertebrate Paleontology, 2011, 31, 303-312.	1.0	41
63	Adolf Naef (1883â€“1949): On Foundational Concepts and Principles of Systematic Morphology. Journal of the History of Biology, 2013, 46, 445-510.	0.5	41
64	A Green River (Eocene) polychrotid (Squamata: Reptilia) and a re-examination of iguanian systematics. Journal of Paleontology, 2007, 81, 1365-1373.	0.8	39
65	Tooth replacement in anguinomorph lizards. Zoomorphologie, 1978, 91, 77-90.	0.8	38
66	The sound-transmitting apparatus in primitive snakes and its phylogenetic significance. Zoomorphology, 1980, 96, 45-62.	0.8	38
67	Testing the phylogenetic relationships of the Pleistocene snakeWonambi naracoortensisSmith. Journal of Vertebrate Paleontology, 2003, 22, 812-829.	1.0	38
68	A Triassic Aquatic Protorosaur with an Extremely Long Neck. Science, 2004, 305, 1931-1931.	12.6	38
69	The language of systematics, and the philosophy of â€˜total evidenceâ€™. Systematics and Biodiversity, 2004, 2, 9-19.	1.2	38
70	The evolution of the basicranium in the Henophidia (Reptilia: Serpentes). Zoological Journal of the Linnean Society, 1979, 66, 411-431.	2.3	37
71	Biodiversity and Sequence of the Middle Triassic Panxian Marine Reptile Fauna, Guizhou Province, China. Acta Geologica Sinica, 2009, 83, 451-459.	1.4	37
72	Paleobiogeography of Middle Triassic Sauropterygia in Central and Western Europe. , 1997, , 121-144.		36

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73	The braincase of Typhlops and Leptotyphlops (Reptilia: Serpentes). Zoological Journal of the Linnean Society, 1979, 65, 161-176.	2.3	35
74	Tooth implantation and replacement in Sauropterygia. Palaontologische Zeitschrift, 2001, 75, 207.	1.6	35
75	The Postcranial Skeleton of Lanthanotus borneensis (Reptilia, Lacertilia). Amphibia - Reptilia, 1980, 1, 95-112.	0.5	34
76	The braincases ofSimosaurusandNothosaurus: Monophyly of the Nothosauridae (Reptilia: Sauropterygia). Journal of Vertebrate Paleontology, 1994, 14, 9-23.	1.0	34
77	Species monophyly. Journal of Zoological Systematics and Evolutionary Research, 2010, 48, 1-8.	1.4	34
78	Are monophyly and synapomorphy the same or different? Revisiting the role of morphology in phylogenetics. Cladistics, 2011, 27, 94-102.	3.3	34
79	The Skull in a Hatchling of Sphenodon punctatus. Journal of Herpetology, 1992, 26, 80.	0.5	33
80	Paraplacodus and the phylogeny of the Placodontia (Reptilia: Sauropterygia). Zoological Journal of the Linnean Society, 2000, 130, 635-659.	2.3	33
81	The performance of morphological characters in broad-scale phylogenetic analyses. Biological Journal of the Linnean Society, 2007, 92, 297-308.	1.6	33
82	The skeletal anatomy of the triassic protorosaurDinocephalosaurus orientalisLi, from the Middle Triassic of Guizhou Province, southern China. Journal of Vertebrate Paleontology, 2008, 28, 95-110.	1.0	33
83	A new species of Largocephalosaurus (Diapsida: Saurosphargidae), with implications for the morphological diversity and phylogeny of the group. Geological Magazine, 2014, 151, 100-120.	1.5	33
84	Re-writing Popper's philosophy of science for systematics. History and Philosophy of the Life Sciences, 2008, 30, 293-316.	1.1	33
85	The Gegenbaur Transformation: a paradigm change in comparative biology. Systematics and Biodiversity, 2011, 9, 177-190.	1.2	32
86	Biological Individuals and Natural Kinds. Biological Theory, 2013, 7, 162-169.	1.5	32
87	Othenio Abel (1875â€“1946) and â€œthe phylogeny of the partsâ€¹. Cladistics, 2013, 29, 328-335.	3.3	32
88	On concept formation in systematics. Cladistics, 2006, 22, 474-492.	3.3	31
89	Lunge feeding in early marine reptiles and fast evolution of marine tetrapod feeding guilds. Scientific Reports, 2015, 5, 8900.	3.3	31
90	Structuralism, functionalism, and the four Aristotelian causes. Journal of the History of Biology, 1990, 23, 291-320.	0.5	30

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91	A new Middle Triassic eosauropterygian (Reptilia, Sauropterygia) from southwestern China. Journal of Vertebrate Paleontology, 2008, 28, 1055-1062.	1.0	30
92	Tanystropheuscf.T. longobardicusfrom the early Late Triassic of Guizhou Province, southwestern China. Journal of Vertebrate Paleontology, 2010, 30, 1082-1089.	1.0	30
93	Unique method of tooth replacement in durophagous placodont marine reptiles, with new data on the dentition of Chinese taxa. Journal of Anatomy, 2014, 224, 603-613.	1.5	30
94	The cranial anatomy of Chinese placodonts and the phylogeny of Placodontia (Diapsida:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td (S	2.3	30
95	The metaphysics of Hennig's phylogenetic systematics: Substance, events and laws of nature. Systematics and Biodiversity, 2007, 5, 345-360.	1.2	29
96	THE ANATOMY OF THE FOSSIL VARANID LIZARD SANIWA ENSIDENS LEIDY, 1870, BASED ON A NEWLY DISCOVERED COMPLETE SKELETON. Journal of Paleontology, 2007, 81, 643-665.	0.8	29
97	Shape disassociation and inferred heterochrony in a clade of pachypleurosaurs (Reptilia,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	2.0	28
98	The trigeminal jaw adductors of primitive snakes and their homologies with the lacertilian jaw adductors. Journal of Zoology, 1980, 190, 447-471.	1.7	28
99	ONTOGENY AND THE HIERARCHY OF TYPES. Cladistics, 1985, 1, 234-246.	3.3	27
100	On the phylogenetic relationships of the Cretaceous snakes with legs, with special reference toPachyrhachis problematicus(Squamata, Serpentes). Journal of Vertebrate Paleontology, 2002, 22, 104-109.	1.0	27
101	A Carapace-Like Bony â€˜Body Tubeâ€™ in an Early Triassic Marine Reptile and the Onset of Marine Tetrapod Predation. PLoS ONE, 2014, 9, e94396.	2.5	25
102	A new protorosaur (Diapsida) from the Upper Buntsandstein of the Black Forest, Germany. Journal of Vertebrate Paleontology, 2006, 26, 866-871.	1.0	24
103	A new species of Cymbospondylus (Diapsida, Ichthyosauria) from the Middle Triassic of Nevada and a re-evaluation of the skull osteology of the genus. Zoological Journal of the Linnean Society, 2006, 147, 515-538.	2.3	24
104	The philosophy of total evidence and its relevance for phylogenetic inference. Papeis Avulsos De Zoologia, 2005, 45, 77.	0.4	23
105	The skull of the round Island boa,Casarea dussumieri Schlegel, based on high-resolution X-ray computed tomography. Journal of Morphology, 2007, 268, 371-384.	1.2	23
106	New information on the protorosaurian reptileMacrocnemus fuyuanensisLi et al., 2007, from the Middle/Upper Triassic of Yunnan, China. Journal of Vertebrate Paleontology, 2011, 31, 1230-1237.	1.0	23
107	Heed the father of cladistics. Nature, 2013, 496, 295-296.	27.8	23
108	The development of the trigeminal jaw adductor musculature and associated skull elements in the lizardPodarcis sicula. Journal of Zoology, 1987, 212, 131-150.	1.7	22

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109	Restudy of Anshunsaurus huangguoshuensis (Reptilia: Thalattosauria) from the Middle Triassic of Guizhou, China. American Museum Novitates, 2005, 3488, 1-34.	0.6	22
110	Osteology of Gobiderma pulchrum (Monstersauria, Lepidosauria, Reptilia). Bulletin of the American Museum of Natural History, 2011, 362, 1-88.	3.4	22
111	Fossil reptiles from the Spanish Muschelkalk (montâ€ral and alcover, province Tarragona). Historical Biology, 1998, 13, 77-97.	1.4	21
112	A new species of the sauropterygian genusNothosaurusfrom the Lower Muschelkalk of Winterswijk, The Netherlands. Journal of Paleontology, 2003, 77, 738-744.	0.8	21
113	The Evolution of the Turtle Shell. Vertebrate Paleobiology and Paleoanthropology, 2013, , 51-61.	0.5	21
114	A new specimen ofNothosaurus youngifrom the Middle Triassic of Guizhou, China. Journal of Vertebrate Paleontology, 2014, 34, 465-470.	1.0	21
115	The earliest herbivorous marine reptile and its remarkable jaw apparatus. Science Advances, 2016, 2, e1501659.	10.3	21
116	THINGS, TAXA AND RELATIONSHIPS. Cladistics, 1991, 7, 93-100.	3.3	20
117	Lariosaurus xingyiensis (Reptilia: Sauropterygia) from the Triassic of China. Canadian Journal of Earth Sciences, 2003, 40, 621-634.	1.3	20
118	Tooth Replacement in the Late Cretaceous Mosasaur Clidastes. Journal of Herpetology, 2005, 39, 688-692.	0.5	20
119	The naso-frontal joint in snakes as revealed by high-resolution X-ray computed tomography of intact and complete skulls. Zoologischer Anzeiger, 2007, 246, 177-191.	0.9	20
120	New primitive ichthyosaurian (Reptilia, Diapsida) from the Middle Triassic of Panxian, Guizhou, southwestern China and its position in the Triassic biotic recovery. Progress in Natural Science: Materials International, 2008, 18, 1315-1319.	4.4	20
121	Hennigâ€™s enkaptic system. Cladistics, 2009, 25, 311-317.	3.3	20
122	A Small Short-Necked Hupehsuchian from the Lower Triassic of Hubei Province, China. PLoS ONE, 2014, 9, e115244.	2.5	20
123	A new pistosauroid (Reptilia, Sauropterygia) from the late Ladinian Xingyi marine reptile level, southwestern China. Journal of Vertebrate Paleontology, 2015, 35, e881832.	1.0	20
124	Aquatic Habits and Niche Partitioning in the Extraordinarily Long-Necked Triassic Reptile Tanystropheus. Current Biology, 2020, 30, 3889-3895.e2.	3.9	20
125	The skeleton of a juvenile Lanthanotus (Varanoidea). Amphibia - Reptilia, 1992, 13, 27-34.	0.5	19
126	A Preliminary Report on a Fossil Chamaeleonine (Reptilia: Chamaeleoninae) Skull from the Miocene of Kenya. Journal of Herpetology, 1992, 26, 77.	0.5	19

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127	Origins, taxa, names and meanings. Cladistics, 2008, 24, 598-610.	3.3	19
128	â€˜Total evidenceâ€™ in phylogenetic systematics. Biology and Philosophy, 2009, 24, 607-622.	1.4	19
129	New Essentialism in Biology. Philosophy of Science, 2010, 77, 662-673.	1.0	19
130	The cranial morphology ofTanystropheus hydroides(Tanystropheidae, Archosauromorpha) as revealed by synchrotron microtomography. PeerJ, 2020, 8, e10299.	2.0	19
131	The interrelationships of Placodontia. Historical Biology, 1997, 12, 211-227.	1.4	18
132	Finding the neckâ€“trunk boundary in snakes: Anteroposterior dissociation of myological characteristics in snakes and its implications for their neck and trunk body regionalization. Journal of Morphology, 2012, 273, 992-1009.	1.2	18
133	Die orbitotemporale Region im Schädel von Chelydra sevpentina Linnaeus (Chelonia) und Lacerta sicula Rafinesque(Lacertilia). Cells Tissues Organs, 1976, 96, 309-320.	2.3	17
134	First Report of a Pectoral Girdle Muscle in Snakes, with Comments on the Snake Cervico-dorsal Boundary. Copeia, 2006, 2006, 206-215.	1.3	17
135	NEW MORPHOLOGICAL DATA FOR EOSANIWA KOEHNI HAUBOLD, 1977 AND A REVISED PHYLOGENETIC ANALYSIS. Journal of Paleontology, 2007, 81, 760-769.	0.8	17
136	Evidence Supporting Predation of 4-m Marine Reptile by Triassic Megapredator. IScience, 2020, 23, 101347.	4.1	17
137	Species Are Individuals. , 1986, , 283-317.		17
138	The Perilymphatic System of the Skull of Typhlops and Acrochordus, with Comments on the Origin of Snakes. Journal of Herpetology, 1980, 14, 105.	0.5	16
139	Re-assessment of varanid evolution based on new data from Saniwa ensidens Leidy, 1870 (Squamata,) Tj ETQq1 1 0.784314 rgBT /Ov	0.6	16
140	Willi Hennigâ€™s dichotomization of nature. Cladistics, 2011, 27, 103-112.	3.3	16
141	Early Triassic marine reptile representing the oldest record of unusually small eyes in reptiles indicating non-visual prey detection. Scientific Reports, 2019, 9, 152.	3.3	16
142	Panzhousaurus rotundirostris Jiang et al., 2019 (Diapsida: Sauropterygia) and the recovery of the monophyly of Pachypleurosauridae. Journal of Vertebrate Paleontology, 2021, 41, .	1.0	16
143	The new ichthyosauriformChaohusaurus brevifemoralis(Reptilia, Ichthyosauromorpha) from Majiashan, Chaohu, Anhui Province, China. PeerJ, 2019, 7, e7561.	2.0	16
144	The anatomy and relationships of Haasiophis terrasanctus, a fossil snake by well-developed hind limbs from the Mid-Cretaceous of the Middle East. Journal of Paleontology, 2003, 77, 536-558.	0.8	16

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145	Atomism, epigenesis, preformation and pre-existence: a clarification of terms and consequences. Biological Journal of the Linnean Society, 1986, 28, 331-341.	1.6	15
146	The merits of similarity reconsidered. Systematics and Biodiversity, 2006, 4, 137-147.	1.2	15
147	â€˜Typeâ€™ in morphology and phylogeny. Journal of Morphology, 2006, 267, 528-535.	1.2	15
148	â€œRegressedâ€•Macrostomatan Snakes. Fieldiana: Life and Earth Sciences, 2012, 5, 99-103.	1.0	15
149	Separating sexual dimorphism from other morphological variation in a specimen complex of fossil marine reptiles (Reptilia, Ichthyosauriformes, Chaohusaurus). Scientific Reports, 2018, 8, 14978.	3.3	15
150	Re-building the bridge between mosasaurs and snakes. Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen, 2001, 221, 111-132.	0.4	15
151	Status ofChaohusaurus Chaoxianensis(Chen, 1985). Journal of Vertebrate Paleontology, 2015, 35, e892011.	1.0	14
152	The reception of Leibniz's philosophy in the writings of Charles Bonnet (1720?1793). Journal of the History of Biology, 1988, 21, 119-145.	0.5	13
153	Louis Agassiz (1807â€“1873) and the reality of natural groups. Biology and Philosophy, 1988, 3, 29-47.	1.4	13
154	The Conceptual Relationship of Ontogeny, Phylogeny, and Classification. , 1993, , 1-32.		13
155	The phylogenetic relationships of Pachyrhachis problematicus, and the evolution of limblessness in snakes (Lepidosauria, Squamata). Comptes Rendus De L'AcadÃ©mie Des Sciences Earth & Planetary Sciences SÃ©rie II, Sciences De La Terre Et Des PlanÃ¨tes =, 1999, 329, 831-837.	0.2	13
156	A NEW SPECIES OF THE SAUROPTERYGIAN GENUS NOTHOSAURUS FROM THE LOWER MUSCHELKALK OF WINTERSWIJK, THE NETHERLANDS. Journal of Paleontology, 2003, 77, 738-744.	0.8	13
157	Karl Beurlen (1901â€“1985), Nature Mysticism, and Aryan Paleontology. Journal of the History of Biology, 2012, 45, 253-299.	0.5	13
158	The first specimen of the <scp>M</scp>iddle <scp>T</scp>riassic <scp>P</scp>halarodon atavus (<scp>I</scp>chthyosauria: <scp>M</scp>ixosauridae) from <scp>S</scp>outh <scp>C</scp>hina, showing postcranial anatomy and periâ€<scp>T</scp>ethyan distribution. Palaeontology, 2013, 56, 849-866.	2.2	13
159	A New Specimen of Carrollâ€™s Mystery Hupehsuchian from the Lower Triassic of China. PLoS ONE, 2015, 10, e0126024.	2.5	13
160	A new specimen of Lariosaurus xingyiensis (Reptilia, Sauropterygia) from the Ladinian (Middle) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 2017, 37, e1278703.	1.0	13
161	The development of the trigeminal jaw adductor musculature in the grass snakeNatrix natrix. Journal of Zoology, 1988, 216, 743-770.	1.7	12
162	A case of dispersing chameleons. Nature, 2002, 415, 744-745.	27.8	12

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163	Willi Hennig on transformation series: metaphysics and epistemology. Taxon, 2006, 55, 377-385.	0.7	12
164	Adolf Naef (1883-1949), systematic morphology and phylogenetics. Journal of Zoological Systematics and Evolutionary Research, 2012, 50, 2-13.	1.4	12
165	The semaphorontic view of homology. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2015, 324, 578-587.	1.3	12
166	Adult sex ratio, sexual dimorphism and sexual selection in a Mesozoic reptile. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20151658.	2.6	12
167	A new diapsid from the Middle Triassic of southern China. Journal of Paleontology, 2017, 91, 1306-1312.	0.8	12
168	Repeated evolution of durophagy during ichthyosaur radiation after mass extinction indicated by hidden dentition. Scientific Reports, 2020, 10, 7798.	3.3	12
169	Kladismus oder die Legende vom Stammbaum. , 1983, , .		12
170	The status ofShingyisaurus unexpectusfrom the Middle Triassic of Kweichou, China. Journal of Vertebrate Paleontology, 1998, 18, 541-544.	1.0	11
171	Rostral structure in Thalattosauria (Reptilia, Diapsida). Canadian Journal of Earth Sciences, 2005, 42, 2081-2086.	1.3	11
172	OnXinpusaurus(Reptilia: Thalattosauria). Journal of Vertebrate Paleontology, 2006, 26, 200-204.	1.0	11
173	The holotype skull of Llistrofus pricei Carroll and Gaskill, 1978 (Microsauria:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 342	0.8	11
174	Sinai Tschulok (1875â€“1945)â€”a pioneer of Cladistics. Cladistics, 2010, 26, 103-111.	3.3	11
175	First evidence of centralia in Ichthyopterygia reiterating bias from paedomorphic characters on marine reptile phylogenetic reconstruction. Journal of Vertebrate Paleontology, 2015, 35, e948547.	1.0	10
176	A skull ofCyamodus kuhnschnyderi Nosotti &Pinna 1993, from the Muschelkalk of wasselonne (Alsace,) Tj ETQq0 0 0 rgBT /Overlock 10	1.6	9
177	Hypothetico-deductivism in systematics: fact or fiction?. Papeis Avulsos De Zoologia, 2008, 48, 263-273.	0.4	9
178	How Did the Turtle Get Its Shell?. Science, 2009, 325, 154-155.	12.6	9
179	Morphology and Phylogeny. Journal of the History of Biology, 2020, 53, 217-230.	0.5	9
180	6 Homology: A Philosophical and Biological Perspective. , 2007, , 217-240.		9

#	Article	IF	Citations
181	Ernst Haeckel (1834-1919) and the monophyly of life. Journal of Zoological Systematics and Evolutionary Research, 2011, 49, 1-5.	1.4	8
182	A long-snouted protorosaur from the Middle Triassic of southern China. Journal of Vertebrate Paleontology, 2013, 33, 1120-1126.	1.0	8
183	A new species of Xinpusaurus (Reptilia, Thalattosauria) from the Ladinian (Middle Triassic) of Xingyi, Guizhou, southwestern China. Journal of Vertebrate Paleontology, 2016, 36, e1218340.	1.0	8
184	The status ofAnarosaurus multidentatus von Huene (Reptilia, Sauropterygia), from the lower anisian of the lechtaler alps (Arlberg, Austria). Palaontologische Zeitschrift, 1995, 69, 289-299.	1.6	7
185	The status of the sauropterygian reptilePartanosaurus zitteli Skuphos from the Middle Triassic of the Austrian Alps, with comments onMicroleptosaurus schlÃ¶ssen Skuphos. Palaontologische Zeitschrift, 1996, 70, 567-577.	1.6	7
186	A well-preserved fossil amphiumid (Lissamphibia: Caudata) from the Eocene Green River Formation of Wyoming. Journal of Vertebrate Paleontology, 1998, 18, 700-708.	1.0	7
187	Species are individuals-the German tradition. Cladistics, 2011, 27, 629-645.	3.3	7
188	A new Anisian (Middle Triassic) eosauropterygian (Reptilia, Sauropterygia) from Panzhou, Guizhou Province, China. Journal of Vertebrate Paleontology, 2018, 38, (1)-(9).	1.0	7
189	A new species of Tanystropheus (Reptilia: Protorosauria) from the Middle Triassic of Makhtesh Ramon, Israel. Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen, 2001, 221, 271-287.	0.4	7
190	The skull of the Uropeltinae (Reptilia, Serpentes), with special reference to the otico-occipital region. Bulletin of the Natural History Museum Zoology Series, 2002, 68, .	0.2	6
191	A skeptical look at justification. Cladistics, 2005, 21, 203-207.	3.3	5
192	Revised paleoecology of placodonts â€“ with a comment on â€˜The shallow marine placodontCyamodusof the central European Germanic Basin: its evolution, paleobiogeography and paleoecologyâ€™ by C.G. Diedrich (Historical Biology, iFirst article, 2011, 1â€“19, doi:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 292 Tc	1.4	5
193	Othenio Abel (1875â€“1946): the rise and decline of paleobiology in German paleontology. Historical Biology, 2013, 25, 313-325.	1.4	5
194	Wilhelm Troll (1897 - 1978): idealistic morphology, physics, and phylogenetics. History and Philosophy of the Life Sciences, 2011, 33, 321-42.	1.1	5
195	Styles of scientific reasoning: Adolf Remane (1898-1976) and the German evolutionary synthesis. Journal of Zoological Systematics and Evolutionary Research, 2013, 51, 1-12.	1.4	4
196	HOMOLOGY, TOPOLOGY, AND TYPOLOGY: THE HISTORY OF MODERN DEBATES. , 1994, , 63-100.		4
197	Preformationist and Epigenetic Biases in the History of the Morphological Character Concept. , 2001, , 57-75.		4
198	Development, essentialism, and population thinking: a review of Evolving Pathways â€•Key Themes in Evolutionary Developmental Biology, edited by Alessandro Minelli and Giuseppe Fusco. Evolution & Development, 2008, 10, 504-507.	2.0	3

#	Article	IF	Citations
199	Do Clades Cladogenerate?. Biological Theory, 2008, 3, 375-379.	1.5	3
200	The dark side of the moon. Cladistics, 2012, 28, 1-3.	3.3	3
201	The concept of the â€˜organic individualâ€™ in Haeckelâ€™s writings. Theory in Biosciences, 2019, 138, 147-157.	1.4	3
202	An unusual sauropterygian from the Triassic of the Savinja Alps of northern Slovenia. Neues Jahrbuch FÃ¼r Geologie Und PalÃontologie, 1997, 1997, 244-254.	0.3	3
203	Sauropterygia from the Muschelkalk of Djebel Rehach, southern Tunisia. Neues Jahrbuch FÃ¼r Geologie Und PalÃontologie, 1997, 1997, 517-530.	0.3	3
204	Der Artbegriff im Werk des Genfer Naturphilosophen Charles Bonnet (1720-1793). Gesnerus, 1986, 43, 205-212.	0.2	3
205	Reydon on species, individuals and kinds: a reply. Cladistics, 2010, 26, 341-343.	3.3	2
206	Hugo Dingler (1881â€“1954) and the Philosophical Foundation of the German Evolutionary Synthesis. Biological Theory, 2011, 6, 162-168.	1.5	2
207	Homology: A Philosophical and Biological Perspective. , 2015, , 295-315.		2
208	Nothosaurus Muenster, 1834 (Reptilia, Sauropterygia): Proposed Precedence Over Conchiosaurus Meyer, (1833). Bulletin of Zoological Nomenclature, 1996, 53, 270-272.	0.1	2
209	A New Specimen of Thalattosauroidea (Reptilia, Thalattosauriformes) from the Middle Triassic (Ladinian) of Xingyi, Southernwestern China. Journal of Vertebrate Paleontology, 0, , e1881965.	1.0	1
210	Begriff und Welt. Biologische Grundlagen des Erkennens und Begreifens. Rupert Riedl. Quarterly Review of Biology, 1987, 62, 425-425.	0.1	1
211	Homology: A Philosophical and Biological Perspective. , 2013, , 1-19.		0