

# Olivier Rieppel

## List of Publications by Year in descending order

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211  
papers

7,644  
citations

71102

41  
h-index

95266

68  
g-index

221  
all docs

221  
docs citations

221  
times ranked

2682  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Panzhousaurus rotundirostris</i> Jiang et al., 2019 (Diapsida: Sauropterygia) and the recovery of the monophyly of Pachypleurosauridae. Journal of Vertebrate Paleontology, 2021, 41, .	1.0	16
2	Evidence Supporting Predation of 4-m Marine Reptile by Triassic Megapredator. IScience, 2020, 23, 101347.	4.1	17
3	Aquatic Habits and Niche Partitioning in the Extraordinarily Long-Necked Triassic Reptile Tanystropheus. Current Biology, 2020, 30, 3889-3895.e2.	3.9	20
4	Repeated evolution of durophagy during ichthyosaur radiation after mass extinction indicated by hidden dentition. Scientific Reports, 2020, 10, 7798.	3.3	12
5	Morphology and Phylogeny. Journal of the History of Biology, 2020, 53, 217-230.	0.5	9
6	The cranial morphology of <i>Tanystropheus hydroides</i> (Tanystropheidae, Archosauromorpha) as revealed by synchrotron microtomography. PeerJ, 2020, 8, e10299.	2.0	19
7	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
8	The concept of the "organic individual"™ in Haeckel's™ writings. Theory in Biosciences, 2019, 138, 147-157.1.4		3
9	The new ichthyosauriform <i>Chaohusaurus brevifemoralis</i> (Reptilia, Ichthyosauromorpha) from Majiashan, Chaohu, Anhui Province, China. PeerJ, 2019, 7, e7561.	2.0	16
10	A new Anisian (Middle Triassic) eosauroptrygian (Reptilia, Sauropterygia) from Panzhou, Guizhou Province, China. Journal of Vertebrate Paleontology, 2018, 38, (1)-(9).	1.0	7
11	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
12	A Triassic stem turtle with an edentulous beak. Nature, 2018, 560, 476-479.	27.8	43
13	A new specimen of <i>Lariosaurus xingyiensis</i> (Reptilia, Sauropterygia) from the Ladinian (Middle) Tj ETQq1 1 0.784314 rgBT /Ove 2017, 37, e1278703.	1.0	13
14	A new diapsid from the Middle Triassic of southern China. Journal of Paleontology, 2017, 91, 1306-1312.	0.8	12
15	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
16	A new species of <i>Xinpusaurus</i> (Reptilia, Thalattosauria) from the Ladinian (Middle Triassic) of Xingyi, Guizhou, southwestern China. Journal of Vertebrate Paleontology, 2016, 36, e1218340.	1.0	8
17	The earliest herbivorous marine reptile and its remarkable jaw apparatus. Science Advances, 2016, 2, e1501659.	10.3	21
18	Phylogeny of the Ichthyopterygia incorporating recent discoveries from South China. Journal of Vertebrate Paleontology, 2016, 36, e1025956.	1.0	43

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19	The cranial anatomy of Chinese placodonts and the phylogeny of Placodontia (Diapsida: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	2.3	30
20	A New Specimen of Carroll's Mystery Hupehsuchian from the Lower Triassic of China. PLoS ONE, 2015, 10, e0126024.	2.5	13
21	Lunge feeding in early marine reptiles and fast evolution of marine tetrapod feeding guilds. Scientific Reports, 2015, 5, 8900.	3.3	31
22	The semaphorontic view of homology. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2015, 324, 578-587.	1.3	12
23	Status of <i>Chaohusaurus Chaoxianensis</i> (Chen, 1985). Journal of Vertebrate Paleontology, 2015, 35, e892011.	1.0	14
24	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
25	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
26	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
27	A basal ichthyosauriform with a short snout from the Lower Triassic of China. Nature, 2015, 517, 485-488.	27.8	97
28	Homology: A Philosophical and Biological Perspective. , 2015, , 295-315.		2
29	A Carapace-Like Bony "Body Tube" in an Early Triassic Marine Reptile and the Onset of Marine Tetrapod Predation. PLoS ONE, 2014, 9, e94396.	2.5	25
30	The Enigmatic Marine Reptile <i>Nanchangosaurus</i> from the Lower Triassic of Hubei, China and the Phylogenetic Affinities of Hupehsuchia. PLoS ONE, 2014, 9, e102361.	2.5	44
31	A Small Short-Necked Hupehsuchian from the Lower Triassic of Hubei Province, China. PLoS ONE, 2014, 9, e115244.	2.5	20
32	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
33	A new specimen of <i>Nothosaurus youngi</i> from the Middle Triassic of Guizhou, China. Journal of Vertebrate Paleontology, 2014, 34, 465-470.	1.0	21
34	The Early Triassic eosauropterygian <i>Majiashanosaurus discocoracoidis</i> , gen. et sp. nov. (Reptilia,) Tj ETQq0 0 0 rgBT /Overlock 10 T Paleontology, 2014, 34, 1044-1052.	1.0	45
35	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
36	A new species of <i>Largocephalosaurus</i> (Diapsida: Saurosphargidae), with implications for the morphological diversity and phylogeny of the group. Geological Magazine, 2014, 151, 100-120.	1.5	33

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37	Does counting species count as taxonomy? On misrepresenting systematics, yet again. <i>Cladistics</i> , 2014, 30, 322-329.	3.3	56
38	A gigantic nothosaur (Reptilia: Sauropterygia) from the Middle Triassic of SW China and its implication for the Triassic biotic recovery. <i>Scientific Reports</i> , 2014, 4, 7142.	3.3	45
39	Terrestrial Origin of Viviparity in Mesozoic Marine Reptiles Indicated by Early Triassic Embryonic Fossils. <i>PLoS ONE</i> , 2014, 9, e88640.	2.5	63
40	Adolf Naef (1883â€“1949): On Foundational Concepts and Principles of Systematic Morphology. <i>Journal of the History of Biology</i> , 2013, 46, 445-510.	0.5	41
41	A long-snouted protosaurus from the Middle Triassic of southern China. <i>Journal of Vertebrate Paleontology</i> , 2013, 33, 1120-1126.	1.0	8
42	Biological Individuals and Natural Kinds. <i>Biological Theory</i> , 2013, 7, 162-169.	1.5	32
43	Macropredatory ichthyosaur from the Middle Triassic and the origin of modern trophic networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 1393-1397.	7.1	53
44	Styles of scientific reasoning: Adolf Remane (1898-1976) and the German evolutionary synthesis. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2013, 51, 1-12.	1.4	4
45	The first specimen of the <i>Middle Triassic Palarodon atavus</i> (Ichthyosauria: <i>Mixosauridae</i> ) from South China, showing postcranial anatomy and <i>Triassic</i> distribution. <i>Palaeontology</i> , 2013, 56, 849-866.	2.2	13
46	The Evolution of the Turtle Shell. <i>Vertebrate Paleobiology and Paleoanthropology</i> , 2013, , 51-61.	0.5	21
47	Heed the father of cladistics. <i>Nature</i> , 2013, 496, 295-296.	27.8	23
48	Othenio Abel (1875â€“1946) and the phylogeny of the parts <sup>1</sup> . <i>Cladistics</i> , 2013, 29, 328-335.	3.3	32
49	Othenio Abel (1875â€“1946): the rise and decline of paleobiology in German paleontology. <i>Historical Biology</i> , 2013, 25, 313-325.	1.4	5
50	Homology: A Philosophical and Biological Perspective. , 2013, , 1-19.		0
51	Regressed Macrostromatan Snakes. <i>Fieldiana: Life and Earth Sciences</i> , 2012, 5, 99-103.	1.0	15
52	Finding the neckâ€“trunk boundary in snakes: Anteroposterior dissociation of myological characteristics in snakes and its implications for their neck and trunk body regionalization. <i>Journal of Morphology</i> , 2012, 273, 992-1009.	1.2	18
53	Assembling the Squamate Tree of Life: Perspectives from the Phenotype and the Fossil Record. <i>Bulletin of the Peabody Museum of Natural History</i> , 2012, 53, 3-308.	1.1	410
54	Karl Beurlen (1901â€“1985), Nature Mysticism, and Aryan Paleontology. <i>Journal of the History of Biology</i> , 2012, 45, 253-299.	0.5	13

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55	Adolf Naef (1883-1949), systematic morphology and phylogenetics. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2012, 50, 2-13.	1.4	12
56	The dark side of the moon. <i>Cladistics</i> , 2012, 28, 1-3.	3.3	3
57	Osteology of <i>Gobiderma pulchrum</i> (Monstersauria, Lepidosauria, Reptilia). <i>Bulletin of the American Museum of Natural History</i> , 2011, 362, 1-88.	3.4	22
58	New information on the protorosaurian reptile <i>Macrocnemus fuyuanensis</i> Li et al., 2007, from the Middle/Upper Triassic of Yunnan, China. <i>Journal of Vertebrate Paleontology</i> , 2011, 31, 1230-1237.	1.0	23
59	A new Triassic marine reptile from southwestern China. <i>Journal of Vertebrate Paleontology</i> , 2011, 31, 303-312.	1.0	41
60	A new pachypleurosaur (Reptilia: Sauropterygia) from the lower Middle Triassic of southwestern China and the phylogenetic relationships of Chinese pachypleurosaurs. <i>Journal of Vertebrate Paleontology</i> , 2011, 31, 292-302.	1.0	44
61	Hugo Dingler (1881–1954) and the Philosophical Foundation of the German Evolutionary Synthesis. <i>Biological Theory</i> , 2011, 6, 162-168.	1.5	2
62	Ernst Haeckel (1834-1919) and the monophyly of life. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2011, 49, 1-5.	1.4	8
63	Are monophyly and synapomorphy the same or different? Revisiting the role of morphology in phylogenetics. <i>Cladistics</i> , 2011, 27, 94-102.	3.3	34
64	Willi Hennig's dichotomization of nature. <i>Cladistics</i> , 2011, 27, 103-112.	3.3	16
65	Species are individuals-the German tradition. <i>Cladistics</i> , 2011, 27, 629-645.	3.3	7
66	The Gegenbaur Transformation: a paradigm change in comparative biology. <i>Systematics and Biodiversity</i> , 2011, 9, 177-190.	1.2	32
67	Wilhelm Troll (1897 - 1978): idealistic morphology, physics, and phylogenetics. <i>History and Philosophy of the Life Sciences</i> , 2011, 33, 321-42.	1.1	5
68	Reydon on species, individuals and kinds: a reply. <i>Cladistics</i> , 2010, 26, 341-343.	3.3	2
69	The series, the network, and the tree: changing metaphors of order in nature. <i>Biology and Philosophy</i> , 2010, 25, 475-496.	1.4	57
70	Sinai Tschulok (1875–1945) – a pioneer of Cladistics. <i>Cladistics</i> , 2010, 26, 103-111.	3.3	11
71	Species monophyly. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2010, 48, 1-8.	1.4	34
72	<i>Tanystropheus</i> cf. <i>T. longobardicus</i> from the early Late Triassic of Guizhou Province, southwestern China. <i>Journal of Vertebrate Paleontology</i> , 2010, 30, 1082-1089.	1.0	30

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73	New Essentialism in Biology. <i>Philosophy of Science</i> , 2010, 77, 662-673.	1.0	19
74	Morphology of the skull of the white-nosed blindsnake, <i>Liotyphlops albirostris</i> (Scolophoridae) Tj ETQq0 0.0 rgBT /Overlock 10 61	1.2	61
75	Species as a Process. <i>Acta Biotheoretica</i> , 2009, 57, 33-49.	1.5	41
76	â€œTotal evidenceâ€™ in phylogenetic systematics. <i>Biology and Philosophy</i> , 2009, 24, 607-622.	1.4	19
77	Hennigâ€™s enclitic system. <i>Cladistics</i> , 2009, 25, 311-317.	3.3	20
78	The mosasaur tooth attachment apparatus as paradigm for the evolution of the gnathostome periodontium. <i>Evolution &amp; Development</i> , 2009, 11, 247-259.	2.0	58
79	The holotype skull of <i>Llistrofus pricei</i> Carroll and Gaskill, 1978 (Microsauria) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 502 T	0.8	11
80	Studies on the skull of the Henophidia (Reptilia: Serpentes). <i>Journal of Zoology</i> , 2009, 181, 145-173.	1.7	50
81	How Did the Turtle Get Its Shell?. <i>Science</i> , 2009, 325, 154-155.	12.6	9
82	Biodiversity and Sequence of the Middle Triassic Panxian Marine Reptile Fauna, Guizhou Province, China. <i>Acta Geologica Sinica</i> , 2009, 83, 451-459.	1.4	37
83	The skeletal anatomy of the triassic protorosaur <i>Dinocephalosaurus orientalis</i> Li, from the Middle Triassic of Guizhou Province, southern China. <i>Journal of Vertebrate Paleontology</i> , 2008, 28, 95-110.	1.0	33
84	Origins, taxa, names and meanings. <i>Cladistics</i> , 2008, 24, 598-610.	3.3	19
85	An ancestral turtle from the Late Triassic of southwestern China. <i>Nature</i> , 2008, 456, 497-501.	27.8	291
86	Development, essentialism, and population thinking: a review of <i>Evolving Pathways â€“ Key Themes in Evolutionary Developmental Biology</i> , edited by Alessandro Minelli and Giuseppe Fusco. <i>Evolution &amp; Development</i> , 2008, 10, 504-507.	2.0	3
87	New primitive ichthyosaurian (Reptilia, Diapsida) from the Middle Triassic of Panxian, Guizhou, southwestern China and its position in the Triassic biotic recovery. <i>Progress in Natural Science: Materials International</i> , 2008, 18, 1315-1319.	4.4	20
88	A new Middle Triassic eosauroptrygian (Reptilia, Sauroptrygia) from southwestern China. <i>Journal of Vertebrate Paleontology</i> , 2008, 28, 1055-1062.	1.0	30
89	Re-assessment of varanid evolution based on new data from <i>Saniwa ensidens</i> Leidy, 1870 (Squamata,) Tj ETQq1 1 0.784314 rgBT /Over	0.6	18
90	Do Clades Cladogenerate?. <i>Biological Theory</i> , 2008, 3, 375-379.	1.5	3

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91	First record of Placodontoidea (Reptilia, Sauropterygia, Placodontia) from the Eastern Tethys. <i>Journal of Vertebrate Paleontology</i> , 2008, 28, 904-908.	1.0	48
92	Hypothetico-deductivism in systematics: fact or fiction?. <i>Papeis Avulsos De Zoologia</i> , 2008, 48, 263-273.	0.4	9
93	Re-writing Popper's philosophy of science for systematics. <i>History and Philosophy of the Life Sciences</i> , 2008, 30, 293-316.	1.1	33
94	The metaphysics of Hennig's phylogenetic systematics: Substance, events and laws of nature. <i>Systematics and Biodiversity</i> , 2007, 5, 345-360.	1.2	29
95	NEW MORPHOLOGICAL DATA FOR EOSANIWA KOEHNI HAUBOLD, 1977 AND A REVISED PHYLOGENETIC ANALYSIS. <i>Journal of Paleontology</i> , 2007, 81, 760-769.	0.8	17
96	THE ANATOMY OF THE FOSSIL VARANID LIZARD SANIWA ENSIDENS LEIDY, 1870, BASED ON A NEWLY DISCOVERED COMPLETE SKELETON. <i>Journal of Paleontology</i> , 2007, 81, 643-665.	0.8	29
97	A Green River (Eocene) polychrotid (Squamata: Reptilia) and a re-examination of iguanian systematics. <i>Journal of Paleontology</i> , 2007, 81, 1365-1373.	0.8	39
98	The skull of the round Island boa, <i>Casarea dussumieri</i> Schlegel, based on high-resolution X-ray computed tomography. <i>Journal of Morphology</i> , 2007, 268, 371-384.	1.2	23
99	The performance of morphological characters in broad-scale phylogenetic analyses. <i>Biological Journal of the Linnean Society</i> , 2007, 92, 297-308.	1.6	33
100	Species: kinds of individuals or individuals of a kind. <i>Cladistics</i> , 2007, 23, 373-384.	3.3	51
101	The naso-frontal joint in snakes as revealed by high-resolution X-ray computed tomography of intact and complete skulls. <i>Zoologischer Anzeiger</i> , 2007, 246, 177-191.	0.9	20
102	The Poverty of Taxonomic Characters. <i>Biology and Philosophy</i> , 2007, 22, 95-113.	1.4	67
103	6 Homology: A Philosophical and Biological Perspective. , 2007, , 217-240.		9
104	Willi Hennig on transformation series: metaphysics and epistemology. <i>Taxon</i> , 2006, 55, 377-385.	0.7	12
105	The merits of similarity reconsidered. <i>Systematics and Biodiversity</i> , 2006, 4, 137-147.	1.2	15
106	A new protorosaur (Diapsida) from the Upper Buntsandstein of the Black Forest, Germany. <i>Journal of Vertebrate Paleontology</i> , 2006, 26, 866-871.	1.0	24
107	An Investigation into the Occurrence of Plicidentine in the Teeth of Squamate Reptiles. <i>Copeia</i> , 2006, 2006, 337-350.	1.3	44
108	The PhyloCode: a critical discussion of its theoretical foundation. <i>Cladistics</i> , 2006, 22, 186-197.	3.3	75

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109	Rejecting "the given" in systematics. <i>Cladistics</i> , 2006, 22, 369-377.	3.3	52
110	On concept formation in systematics. <i>Cladistics</i> , 2006, 22, 474-492.	3.3	31
111	A new species of <i>Cymbospondylus</i> (Diapsida, Ichthyosauria) from the Middle Triassic of Nevada and a re-evaluation of the skull osteology of the genus. <i>Zoological Journal of the Linnean Society</i> , 2006, 147, 515-538.	2.3	24
112	â€˜Typeâ€™ in morphology and phylogeny. <i>Journal of Morphology</i> , 2006, 267, 528-535.	1.2	15
113	First Report of a Pectoral Girdle Muscle in Snakes, with Comments on the Snake Cervico-dorsal Boundary. <i>Copeia</i> , 2006, 2006, 206-215.	1.3	17
114	<i>OnXinpusaurus</i> (Reptilia: Thalattosauria). <i>Journal of Vertebrate Paleontology</i> , 2006, 26, 200-204.	1.0	11
115	A skeptical look at justification. <i>Cladistics</i> , 2005, 21, 203-207.	3.3	5
116	Modules, kinds, and homology. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2005, 304B, 18-27.	1.3	72
117	Monophyly, Paraphyly, and Natural Kinds. <i>Biology and Philosophy</i> , 2005, 20, 465-487.	1.4	43
118	The philosophy of total evidence and its relevance for phylogenetic inference. <i>Papeis Avulsos De Zoologia</i> , 2005, 45, 77.	0.4	23
119	Restudy of <i>Anshunsaurus huangguoshuensis</i> (Reptilia: Thalattosauria) from the Middle Triassic of Guizhou, China. <i>American Museum Novitates</i> , 2005, 3488, 1-34.	0.6	22
120	Tooth Replacement in the Late Cretaceous Mosasaur <i>Clidastes</i> . <i>Journal of Herpetology</i> , 2005, 39, 688-692.	0.5	20
121	Rostral structure in Thalattosauria (Reptilia, Diapsida). <i>Canadian Journal of Earth Sciences</i> , 2005, 42, 2081-2086.	1.3	11
122	A Triassic Aquatic Protorosaur with an Extremely Long Neck. <i>Science</i> , 2004, 305, 1931-1931.	12.6	38
123	The language of systematics, and the philosophy of â€˜total evidenceâ€™. <i>Systematics and Biodiversity</i> , 2004, 2, 9-19.	1.2	38
124	Semaphoronts, cladograms and the roots of total evidence. <i>Biological Journal of the Linnean Society</i> , 2003, 80, 167-186.	1.6	56
125	<i>Lariosaurus xingyiensis</i> (Reptilia: Sauropterygia) from the Triassic of China. <i>Canadian Journal of Earth Sciences</i> , 2003, 40, 621-634.	1.3	20
126	Testing the phylogenetic relationships of the Pleistocene snake <i>Wonambi naracoortensis</i> Smith. <i>Journal of Vertebrate Paleontology</i> , 2003, 22, 812-829.	1.0	38

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127	THE ANATOMY AND RELATIONSHIPS OF HAASIOPHIS TERRASANCTUS, A FOSSIL SNAKE WITH WELL-DEVELOPED HIND LIMBS FROM THE MID-CRETACEOUS OF THE MIDDLE EAST. <i>Journal of Paleontology</i> , 2003, 77, 536-558.	0.8	54
128	A NEW SPECIES OF THE SAUROPTERYGIAN GENUS NOTHOSAURUS FROM THE LOWER MUSCHELKALK OF WINTERSWIJK, THE NETHERLANDS. <i>Journal of Paleontology</i> , 2003, 77, 738-744.	0.8	13
129	Popper and Systematics. <i>Systematic Biology</i> , 2003, 52, 259-271.	5.6	63
130	A new species of the sauropterygian genus <i>Nothosaurus</i> from the Lower Muschelkalk of Winterswijk, The Netherlands. <i>Journal of Paleontology</i> , 2003, 77, 738-744.	0.8	21
131	The anatomy and relationships of <i>Haasiophis terrasanctus</i> , a fossil snake by well-developed hind limbs from the Mid-Cretaceous of the Middle East. <i>Journal of Paleontology</i> , 2003, 77, 536-558.	0.8	16
132	On the phylogenetic relationships of the Cretaceous snakes with legs, with special reference to <i>Pachyrhachis problematicus</i> (Squamata, Serpentes). <i>Journal of Vertebrate Paleontology</i> , 2002, 22, 104-109.	1.0	27
133	The skull of the pistosaur <i>Augustasaurus</i> from the Middle Triassic of northwestern Nevada. <i>Journal of Vertebrate Paleontology</i> , 2002, 22, 577-592.	1.0	66
134	The skull of the Uropeltinae (Reptilia, Serpentes), with special reference to the otico-occipital region. <i>Bulletin of the Natural History Museum Zoology Series</i> , 2002, 68, .	0.2	6
135	Similarity. <i>Biological Journal of the Linnean Society</i> , 2002, 75, 59-82.	1.6	192
136	Feeding mechanics in Triassic stem-group sauropterygians: the anatomy of a successful invasion of Mesozoic seas. <i>Zoological Journal of the Linnean Society</i> , 2002, 135, 33-63.	2.3	74
137	A case of dispersing chameleons. <i>Nature</i> , 2002, 415, 744-745.	27.8	12
138	Tooth implantation and replacement in Sauropterygia. <i>Palaontologische Zeitschrift</i> , 2001, 75, 207.	1.6	35
139	The development of the skull in <i>Acrochordus granulatus</i> (Schneider) (Reptilia: Serpentes), with special consideration of the otico-occipital complex. <i>Journal of Morphology</i> , 2001, 249, 252-266.	1.2	50
140	Turtles as hopeful monsters. <i>BioEssays</i> , 2001, 23, 987-991.	2.5	84
141	Preformationist and Epigenetic Biases in the History of the Morphological Character Concept. , 2001, , 57-75.		4
142	Re-building the bridge between mosasaurs and snakes. <i>Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen</i> , 2001, 221, 111-132.	0.4	15
143	A new species of <i>Tanystropheus</i> (Reptilia: Protorosauria) from the Middle Triassic of Makhtesh Ramon, Israel. <i>Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen</i> , 2001, 221, 271-287.	0.4	7
144	Turtles as diapsid reptiles. <i>Zoologica Scripta</i> , 2000, 29, 199-212.	1.7	41

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145	The brains of mosasaurs and Varanus, and the relationships of snakes. <i>Zoological Journal of the Linnean Society</i> , 2000, 129, 489-514.	2.3	59
146	Paraplagiodon and the phylogeny of the Placodontia (Reptilia: Sauropterygia). <i>Zoological Journal of the Linnean Society</i> , 2000, 130, 635-659.	2.3	33
147	A Fossil Snake with Limbs. <i>Science</i> , 2000, 287, 2010-2012.	12.6	200
148	Shape disassociation and inferred heterochrony in a clade of pachypleurosaurs (Reptilia). <i>Trends in Ecology and Evolution</i> , 2000, 15, 622-628.	2.0	28
149	A skull of <i>Cyamodus kuhnschnyderi</i> Nosotti & Pinna 1993, from the Muschelkalk of Wasselonne (Alsace). <i>Trends in Ecology and Evolution</i> , 1999, 14, 784-789.	1.6	9
150	The Origin and Early Evolution of Turtles. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 1999, 30, 1-22.	6.7	187
151	The phylogenetic relationships of <i>Pachyrhachis problematicus</i> , and the evolution of limblessness in snakes (Lepidosauria, Squamata). <i>Comptes Rendus De L'Académie Des Sciences Earth &amp; Planetary Sciences Série II, Sciences De La Terre Et Des Planètes</i> , 1999, 329, 831-837.	0.2	13
152	Phylogeny and paleobiogeography of Triassic Sauropterygia: problems solved and unresolved. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1999, 153, 1-15.	2.3	49
153	The systematic status of <i>Hanosaurus hupehensis</i> (Reptilia, Sauropterygia) from the Triassic of China. <i>Journal of Vertebrate Paleontology</i> , 1998, 18, 545-557.	1.0	43
154	<i>Corosaurus alcovensis</i> Case and the phylogenetic interrelationships of Triassic stem-group Sauropterygia. <i>Zoological Journal of the Linnean Society</i> , 1998, 124, 1-41.	2.3	43
155	Fossil reptiles from the Spanish Muschelkalk (Montañal and Alcover, province Tarragona). <i>Historical Biology</i> , 1998, 13, 77-97.	1.4	21
156	A well-preserved fossil amphiumid (Lissamphibia: Caudata) from the Eocene Green River Formation of Wyoming. <i>Journal of Vertebrate Paleontology</i> , 1998, 18, 700-708.	1.0	7
157	The status of <i>Shingyisaurus unexpectus</i> from the Middle Triassic of Kweichow, China. <i>Journal of Vertebrate Paleontology</i> , 1998, 18, 541-544.	1.0	11
158	The interrelationships of Placodontia. <i>Historical Biology</i> , 1997, 12, 211-227.	1.4	18
159	Paleobiogeography of Middle Triassic Sauropterygia in Central and Western Europe. <i>Journal of Paleontology</i> , 1997, 71, 121-144.		36
160	Paedomorphosis and skull structure in Malagasy chameleons (Reptilia: Chamaeleoninae). <i>Journal of Zoology</i> , 1997, 243, 351-380.	1.7	55
161	Reptile phylogeny and the interrelationships of turtles. <i>Zoological Journal of the Linnean Society</i> , 1997, 120, 281-354.	2.3	175
162	An unusual sauropterygian from the Triassic of the Savinja Alps of northern Slovenia. <i>Neues Jahrbuch für Geologie und Paläontologie</i> , 1997, 197, 244-254.	0.3	3

#	ARTICLE	IF	CITATIONS
163	Sauropterygia from the Muschelkalk of Djebel Rehach, southern Tunisia. Neues Jahrbuch für Geologie und Paläontologie, 1997, 1997, 517-530.	0.3	3
164	The status of the sauropterygian reptile <i>Partanosaurus zittelii</i> Skuphos from the Middle Triassic of the Austrian Alps, with comments on <i>Microleptosaurus schlössenii</i> Skuphos. Palaontologische Zeitschrift, 1996, 70, 567-577.	1.6	7
165	<i>Nothosaurus</i> Muenster, 1834 (Reptilia, Sauropterygia): Proposed Precedence Over <i>Conchiosaurus</i> Meyer, (1833). Bulletin of Zoological Nomenclature, 1996, 53, 270-272.	0.1	2
166	The status of <i>Anarosaurus multidentatus</i> von Huene (Reptilia, Sauropterygia), from the lower anisian of the lechtaler alps (Arlberg, Austria). Palaontologische Zeitschrift, 1995, 69, 289-299.	1.6	7
167	HOMOLOGY, TOPOLOGY, AND TYPOLOGY: THE HISTORY OF MODERN DEBATES. , 1994, , 63-100.		69
168	The braincases of <i>Simosaurus</i> and <i>Nothosaurus</i> : Monophyly of the Nothosauridae (Reptilia: Sauropterygia). Journal of Vertebrate Paleontology, 1994, 14, 9-23.	1.0	34
169	Studies on Skeleton Formation in Reptiles. Patterns of Ossification in the Skeleton of <i>Lacerta agilis exigua</i> Eichwald (Reptilia, Squamata). Journal of Herpetology, 1994, 28, 145.	0.5	80
170	HOMOLOGY, TOPOLOGY, AND TYPOLOGY: THE HISTORY OF MODERN DEBATES. , 1994, , 63-100.		4
171	Studies on skeleton formation in reptiles: Patterns of ossification in the skeleton of <i>Chelydra serpentina</i> (Reptilia, Testudines). Journal of Zoology, 1993, 231, 487-509.	1.7	96
172	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
173	The Conceptual Relationship of Ontogeny, Phylogeny, and Classification. , 1993, , 1-32.		13
174	The skeleton of a juvenile <i>Lanthanotus</i> (Varanoidea). Amphibia - Reptilia, 1992, 13, 27-34.	0.5	19
175	The Skull in a Hatchling of <i>Sphenodon punctatus</i> . Journal of Herpetology, 1992, 26, 80.	0.5	33
176	A Preliminary Report on a Fossil Chamaeleonine (Reptilia: Chamaeleoninae) Skull from the Miocene of Kenya. Journal of Herpetology, 1992, 26, 77.	0.5	19
177	Studies on skeleton formation in reptiles. I. The postembryonic development of the skeleton in <i>Cyrtodactylus pubisulcus</i> (Reptilia: Gekkonidae). Journal of Zoology, 1992, 227, 87-100.	1.7	75
178	Homology and logical fallacy. Journal of Evolutionary Biology, 1992, 5, 701-715.	1.7	52
179	THINGS, TAXA AND RELATIONSHIPS. Cladistics, 1991, 7, 93-100.	3.3	20
180	Structuralism, functionalism, and the four Aristotelian causes. Journal of the History of Biology, 1990, 23, 291-320.	0.5	30

#	ARTICLE	IF	CITATIONS
181	The hind limb of <i>Macrocnemus bassanii</i> (Nopcsa) (Reptilia, Diapsida): development and functional anatomy. <i>Journal of Vertebrate Paleontology</i> , 1989, 9, 373-387.	1.0	44
182	Science in Pictures: The Fossils of Monte San Giorgio. <i>Scientific American</i> , 1989, 260, 74-81.	1.0	185
183	The reception of Leibniz's philosophy in the writings of Charles Bonnet (1720-1793). <i>Journal of the History of Biology</i> , 1988, 21, 119-145.	0.5	13
184	Louis Agassiz (1807-1873) and the reality of natural groups. <i>Biology and Philosophy</i> , 1988, 3, 29-47.	1.4	13
185	The development of the trigeminal jaw adductor musculature in the grass snake <i>Natrix natrix</i> . <i>Journal of Zoology</i> , 1988, 216, 743-770.	1.7	12
186	A Review of the Origin of Snakes. , 1988, , 37-130.		143
187	The development of the trigeminal jaw adductor musculature and associated skull elements in the lizard <i>Podarcis sicula</i> . <i>Journal of Zoology</i> , 1987, 212, 131-150.	1.7	22
188	Begriff und Welt. Biologische Grundlagen des Erkennens und Begreifens. Rupert Riedl. <i>Quarterly Review of Biology</i> , 1987, 62, 425-425.	0.1	1
189	Atomism, epigenesis, preformation and pre-existence: a clarification of terms and consequences. <i>Biological Journal of the Linnean Society</i> , 1986, 28, 331-341.	1.6	15
190	Species Are Individuals. , 1986, , 283-317.		17
191	Der Artbegriff im Werk des Genfer Naturphilosophen Charles Bonnet (1720-1793). <i>Gesnerus</i> , 1986, 43, 205-212.	0.2	3
192	ONTOGENY AND THE HIERARCHY OF TYPES. <i>Cladistics</i> , 1985, 1, 234-246.	3.3	27
193	The Recessus Scalae Tympani and Its Bearing on the Classification of Reptiles. <i>Journal of Herpetology</i> , 1985, 19, 373.	0.5	48
194	The cranial morphology of the fossorial lizard genus <i>Dibamus</i> with a consideration of its phylogenetic relationships*. <i>Journal of Zoology</i> , 1984, 204, 289-327.	1.7	60
195	Kladismus oder die Legende vom Stammbaum. , 1983, , .		12
196	The loss of the lower temporal arcade in diapsid reptiles. <i>Zoological Journal of the Linnean Society</i> , 1981, 72, 203-217.	2.3	58
197	The skull and the jaw adductor musculature in some burrowing scincomorph lizards of the genera <i>Acontias</i> , <i>Typhlosaurus</i> and <i>Feylinia</i> . <i>Journal of Zoology</i> , 1981, 195, 493-528.	1.7	61
198	The sound-transmitting apparatus in primitive snakes and its phylogenetic significance. <i>Zoomorphology</i> , 1980, 96, 45-62.	0.8	38

#	ARTICLE	IF	CITATIONS
199	Green anole in Dominican amber. <i>Nature</i> , 1980, 286, 486-487.	27.8	54
200	The trigeminal jaw adductor musculature of <i>Tupinambis</i> , with comments on the phylogenetic relationships of the Teiidae (Reptilia, Lacertilia). <i>Zoological Journal of the Linnean Society</i> , 1980, 69, 1-29.	2.3	43
201	The Perilymphatic System of the Skull of <i>Typhlops</i> and <i>Acrochordus</i> , with Comments on the Origin of Snakes. <i>Journal of Herpetology</i> , 1980, 14, 105.	0.5	16
202	The Postcranial Skeleton of <i>Lanthanotus borneensis</i> (Reptilia, Lacertilia). <i>Amphibia - Reptilia</i> , 1980, 1, 95-112.	0.5	34
203	The Phylogeny of Anguimorph Lizards. , 1980, , .		52
204	The trigeminal jaw adductors of primitive snakes and their homologies with the lacertilian jaw adductors. <i>Journal of Zoology</i> , 1980, 190, 447-471.	1.7	28
205	The braincase of <i>Typhlops</i> and <i>Leptotyphlops</i> (Reptilia: Serpentes). <i>Zoological Journal of the Linnean Society</i> , 1979, 65, 161-176.	2.3	35
206	The evolution of the basicranium in the Henophidia (Reptilia: Serpentes). <i>Zoological Journal of the Linnean Society</i> , 1979, 66, 411-431.	2.3	37
207	Tooth replacement in anguimorph lizards. <i>Zoomorphologie</i> , 1978, 91, 77-90.	0.8	38
208	Die orbitotemporale Region im Schädel von <i>Chelydra septentrionalis</i> Linnaeus (Chelonia) und <i>Lacerta sicula</i> Rafinesque (Lacertilia). <i>Cells Tissues Organs</i> , 1976, 96, 309-320.	2.3	17
209	Comparative morphology of the dermal palate in squamate reptiles, with comments on phylogenetic implications. <i>Zoological Journal of the Linnean Society</i> , 0, 152, 131-152.	2.3	41
210	Revised paleoecology of placodonts with a comment on "The shallow marine placodont <i>Cyamodus</i> of the central European Germanic Basin: its evolution, paleobiogeography and paleoecology" by C.G. Diedrich (Historical Biology, iFirst article, 2011, 19, doi:10.1007/s12520-011-0000-0)	1.4	5
211	A New Specimen of <i>Thalattosauroidea</i> (Reptilia, <i>Thalattosauriformes</i> ) from the Middle Triassic (Ladinian) of Xingyi, Southernwestern China. <i>Journal of Vertebrate Paleontology</i> , 0, , e1881965.	1.0	1