

# Rainer R Schoch

## List of Publications by Year in descending order

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107  
papers

3,109  
citations

159525

30  
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206029

48  
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109  
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109  
docs citations

109  
times ranked

1305  
citing authors

#	ARTICLE	IF	CITATIONS
1	Integration of molecules and new fossils supports a Triassic origin for Lepidosauria (lizards, snakes.) <i>TJ ETQq1</i> 1 0.784314 rgBT /Overl	3.2	168
2	A Middle Triassic stem-turtle and the evolution of the turtle body plan. <i>Nature</i> , 2015, 523, 584-587.	13.7	137
3	The evolution of major temnospondyl clades: an inclusive phylogenetic analysis. <i>Journal of Systematic Palaeontology</i> , 2013, 11, 673-705.	0.6	111
4	Postcranial anatomy of the raiusuchian archosaur <i>Batrachotomus kupferzellensis</i> . <i>Journal of Vertebrate Paleontology</i> , 2009, 29, 103-122.	0.4	104
5	Evolution of Life Cycles in Early Amphibians. <i>Annual Review of Earth and Planetary Sciences</i> , 2009, 37, 135-162.	4.6	103
6	The amphibamid <i>Micropholis</i> from the Lystrosaurus Assemblage Zone of South africa. <i>Journal of Vertebrate Paleontology</i> , 2005, 25, 502-522.	0.4	85
7	Skull ontogeny: developmental patterns of fishes conserved across major tetrapod clades. <i>Evolution &amp; Development</i> , 2006, 8, 524-536.	1.1	82
8	METAMORPHOSIS AND NEOTENY: ALTERNATIVE PATHWAYS IN AN EXTINCT AMPHIBIAN CLADE. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 1467-1475.	1.1	77
9	Osteology of the small archosaur <i>Aetosaurus</i> from the Upper Triassic of Germany. <i>Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen</i> , 2007, 246, 1-35.	0.2	73
10	Early larval ontogeny of the Permo-Carboniferous temnospondyl <i>Sclerocephalus</i> . <i>Palaeontology</i> , 2003, 46, 1055-1072.	1.0	68
11	The armoured dissorophid <i>Cacops</i> from the Early Permian of Oklahoma and the exploitation of the terrestrial realm by amphibians. <i>Die Naturwissenschaften</i> , 2009, 96, 789-796.	0.6	63
12	Osteology and relationships of the temnospondyl genus <i>Sclerocephalus</i> . <i>Zoological Journal of the Linnean Society</i> , 2009, 157, 135-168.	1.0	62
13	Testing the Impact of Miniaturization on Phylogeny: Paleozoic Dissorophoid Amphibians. <i>Systematic Biology</i> , 2009, 58, 312-327.	2.7	61
14	Osteology of the Middle Triassic stem-turtle <i>Pappochelys rosinae</i> and the early evolution of the turtle skeleton. <i>Journal of Systematic Palaeontology</i> , 2018, 16, 927-965.	0.6	59
15	The early formation of the skull in extant and Paleozoic amphibians. <i>Paleobiology</i> , 2002, 28, 278-296.	1.3	58
16	A complete trematosaurid amphibian from the Middle Triassic of Germany. <i>Journal of Vertebrate Paleontology</i> , 2006, 26, 29-43.	0.4	56
17	The evolution of metamorphosis in temnospondyls. <i>Lethaia</i> , 2002, 35, 309-327.	0.6	53
18	Skeleton formation in the Branchiosauridae: a case study in comparing ontogenetic trajectories. <i>Journal of Vertebrate Paleontology</i> , 2004, 24, 309-319.	0.4	50

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19	Developmental plasticity of limb bone microstructural organization in <i>Apateton</i> : histological evidence of paedomorphic conditions in branchiosaurs. <i>Evolution &amp; Development</i> , 2010, 12, 315-328.	1.1	49
20	THE POSTCRANIUM OF ARCHEGOSAURUS DECHENI, AND A PHYLOGENETIC ANALYSIS OF TEMNOSPONDYL POSTCRANIA. <i>Palaeontology</i> , 2006, 49, 1211-1235.	1.0	48
21	A new stereospondyl from the German Middle Triassic, and the origin of the Metoposauridae. <i>Zoological Journal of the Linnean Society</i> , 0, 152, 79-113.	1.0	48
22	Skeletal development of the temnospondyl <i>Acanthostomatops vorax</i> from the Lower Permian Döhren Basin of Saxony. <i>Transactions of the Royal Society of Edinburgh: Earth Sciences</i> , 2005, 96, 365-385.	1.0	46
23	The intrarelationships and evolutionary history of the temnospondyl family branchiosauridae. <i>Journal of Systematic Palaeontology</i> , 2008, 6, 409-431.	0.6	46
24	A relict basal tetrapod from Germany: first evidence of a Triassic chroniosuchian outside Russia. <i>Die Naturwissenschaften</i> , 2007, 95, 67-72.	0.6	37
25	Amphibian development in the fossil record. <i>Seminars in Cell and Developmental Biology</i> , 2010, 21, 424-431.	2.3	37
26	Bystrowa's Paradox - gills, fossils, and the fish-to-tetrapod transition. <i>Acta Zoologica</i> , 2011, 92, 251-265.	0.6	37
27	The girdles of the oldest fossil turtle, <i>Proterochersis robusta</i> , and the age of the turtle crown. <i>BMC Evolutionary Biology</i> , 2013, 13, 266.	3.2	35
28	The plagiosaurid temnospondyl <i>Plagiosuchus pustuliferus</i> (Amphibia: Temnospondyli) from the Middle Triassic of Germany: anatomy and functional morphology of the skull. <i>Zoological Journal of the Linnean Society</i> , 2009, 155, 348-373.	1.0	34
29	A Middle Triassic palaeontological gold mine: The vertebrate deposits of Vellberg (Germany). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 459, 249-267.	1.0	34
30	Cranial morphology of the plagiosaurid <i>Gerrothorax pulcherrimus</i> as an extreme example of evolutionary stasis. <i>Lethaia</i> , 2012, 45, 371-385.	0.6	33
31	LIFE-CYCLE EVOLUTION AS RESPONSE TO DIVERSE LAKE HABITATS IN PALEOZOIC AMPHIBIANS. <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 2738-2749.	1.1	31
32	A chroniosuchid from the Triassic of Kyrgyzstan and analysis of chroniosuchian relationships. <i>Zoological Journal of the Linnean Society</i> , 2010, 160, 515-530.	1.0	31
33	Triassic Cancer – Osteosarcoma in a 240-Million-Year-Old Stem-Turtle. <i>JAMA Oncology</i> , 2019, 5, 425.	3.4	31
34	A Triassic stem-salamander from Kyrgyzstan and the origin of salamanders. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 11584-11588.	3.3	31
35	Triassic temnospondyl biostratigraphy, biochronology and correlation of the German Buntsandstein and North American Moenkopi Formation. <i>Lethaia</i> , 2002, 35, 97-106.	0.6	30
36	A New Basal Sphenacodontid Synapsid from the Late Carboniferous of the Saar-Nahe Basin, Germany. <i>Acta Palaeontologica Polonica</i> , 2011, 56, 113-120.	0.4	30

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37	Character distribution and phylogeny of the dissorophid temnospondyls. <i>Fossil Record</i> , 2012, 15, 121-137.	0.4	29
38	Life cycles, plasticity and palaeoecology in temnospondyl amphibians. <i>Palaeontology</i> , 2014, 57, 517-529.	1.0	29
39	Heterochrony: the interplay between development and ecology exemplified by a Paleozoic amphibian clade. <i>Paleobiology</i> , 2010, 36, 318-334.	1.3	28
40	A new capitosaur amphibian from the Upper Lettenkeuper (Triassic: Ladinian) of Kupferzell (Southern Tj ETQq0 0 0rgBT /Overlock 10 T	0.2	28
41	The largest specimen of <i>Apateon</i> and the life history pathway of neoteny in the Paleozoic temnospondyl family Branchiosauridae. <i>Fossil Record</i> , 2009, 12, 83-90.	0.4	27
42	A tiny new Middle Triassic stem-lepidosauromorph from Germany: implications for the early evolution of lepidosauromorphs and the Vellberg fauna. <i>Scientific Reports</i> , 2020, 10, 2273.	1.6	27
43	Amphibian skull evolution: The developmental and functional context of simplification, bone loss and heterotopy. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2014, 322, 619-630.	0.6	26
44	The putative lissamphibian stem-group: phylogeny and evolution of the dissorophoid temnospondyls. <i>Journal of Paleontology</i> , 2019, 93, 137-156.	0.5	26
45	Reconstruction of cranial and hyobranchial muscles in the triassic temnospondyl <i>Gerrothorax</i> provides evidence for akinetic suction feeding. <i>Journal of Morphology</i> , 2013, 274, 525-542.	0.6	25
46	Biogeography of stereospondyl amphibians. <i>Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen</i> , 2000, 215, 201-231.	0.2	25
47	A new archosauriform reptile from the Middle Triassic (Ladinian) of Germany. <i>Journal of Systematic Palaeontology</i> , 2014, 12, 113-131.	0.6	24
48	Preliminary observations on the bone histology of the Middle Triassic pseudosuchian archosaur <i>Batrachotomus kupferzellensis</i> reveal fast growth with laminar fibrolamellar bone tissue. <i>Journal of Vertebrate Paleontology</i> , 2017, 37, e1333121.	0.4	24
49	Studies on braincases of early tetrapods: structure, morphological diversity, and phylogeny - 2. Dissorophoids, eryopids, and stereospondyls. <i>Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen</i> , 1999, 213, 289-312.	0.2	24
50	A new lepidosauromorph reptile from the Middle Triassic (Ladinian) of Germany and its phylogenetic relationships. <i>Journal of Vertebrate Paleontology</i> , 2018, 38, e1444619.	0.4	23
51	The status and osteology of two new cyclotosaurid amphibians from the Upper Moenkopi Formation of Arizona (Amphibia: Temnospondyli; Middle Triassic). <i>Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen</i> , 2000, 216, 387-411.	0.2	22
52	Upper Paleozoic to Lower Mesozoic Tetrapod Ichnology Revisited: Photogrammetry and Relative Depth Pattern Inferences on Functional Prevalence of Autopodia. <i>Frontiers in Earth Science</i> , 2020, 8, .	0.8	21
53	How body size and development biased the direction of evolution in early amphibians. <i>Historical Biology</i> , 2013, 25, 155-165.	0.7	18
54	Trimerorhachis (Amphibia: Temnospondyli) from the Lower Permian of Texas and New Mexico: cranial osteology, taxonomy and biostratigraphy. <i>Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen</i> , 2013, 270, 91-128.	0.2	18

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55	The diapsid origin of turtles. <i>Zoology</i> , 2016, 119, 159-161.	0.6	18
56	The Rauenberg fossil Lagerstätte (Baden-Württemberg, Germany): A window into early Oligocene marine and coastal ecosystems of Central Europe. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 463, 238-260.	1.0	17
57	Miniaturization and morphological evolution in Paleozoic relatives of living amphibians: a quantitative approach. <i>Paleobiology</i> , 2018, 44, 58-75.	1.3	17
58	Interrelationships, palaeobiogeography and early evolution of Stereospondylomorpha (Tetrapoda). <i>Trends in Ecology and Evolution</i> , 2017, 32, 10-17.	0.7	17
59	The origin of the turtle body plan: evidence from fossils and embryos. <i>Palaeontology</i> , 2020, 63, 375-393.	1.0	17
60	Cranial anatomy of the Permian temnospondyl amphibian <i>Zatrachys serratus</i> Cope 1878, and the phylogenetic position of the Zatrachyidae. <i>Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen</i> , 1997, 206, 223-248.	0.2	17
61	Braincase, palatoquadrate and ear region of the plagiosaurid <i>Gerrhothorax pulcherrimus</i> from the Middle Triassic of Germany. <i>Palaeontology</i> , 2012, 55, 31-50.	1.0	16
62	A new dissorophid temnospondyl from the Lower Permian of north-central Texas. <i>Comptes Rendus - Palevol</i> , 2013, 12, 437-445.	0.1	16
63	The salamandrid <i>Chelotriton paradoxus</i> from Enspel and Randeck Maars (Oligocene-Miocene). <i>Trends in Ecology and Evolution</i> , 2015, 30, 1-7.	0.6	15
64	The reptile assemblage from the Moenkopi Formation (Middle Triassic) of New Mexico. <i>Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen</i> , 2010, 255, 345-369.	0.2	14
65	Tetrapod diversity and palaeoecology in the German Middle Triassic (Lower Keuper) documented by tooth morphotypes. <i>Palaeobiodiversity and Palaeoenvironments</i> , 2018, 98, 615-638.	0.6	14
66	Skull and postcranium of the bystrowianid <i>Bystrowiella schumanni</i> from the Middle Triassic of Germany, and the position of chroniosuchians within Tetrapoda. <i>Journal of Systematic Palaeontology</i> , 2018, 16, 711-739.	0.6	14
67	Middle Triassic (Ladinian) amphibian tracks from the Lower Keuper succession of southern Germany: Implications for temnospondyl locomotion and track preservation. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 543, 109625.	1.0	14
68	Osteology of the temnospondyl <i>Trematosaurus brauni</i> Burmeister, 1849 from the Middle Buntsandstein of Bernburg, Germany. <i>Palaeodiversity</i> , 2019, 12, 41.	0.7	14
69	The Neurocranium of the Stereospondyl <i>Mastodonsaurus Giganteus</i> . <i>Palaeontology</i> , 2002, 45, 627-645.	1.0	13
70	Microanatomy of the stem-turtle <i>Pappochelys rosinae</i> indicates a predominantly fossorial mode of life and clarifies early steps in the evolution of the shell. <i>Scientific Reports</i> , 2019, 9, 10430.	1.6	12
71	How diverse is the temnospondyl fauna in the Lower Triassic of southern Germany?. <i>Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen</i> , 2011, 261, 49-60.	0.2	11
72	New archosauriform remains from the German Lower Keuper. <i>Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen</i> , 2011, 260, 87-100.	0.2	11

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73	Studies on braincases of early tetrapods: Structure, morphological diversity, and phylogeny - 1. Trimerorhachis and other primitive temnospondyls. Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen, 1999, 213, 233-259.	0.2	11
74	Skull morphology and phylogenetic relationships of a new <i>Middle Triassic</i> plagiosaurid temnospondyl from <i>Germany</i> , and the evolution of plagiosaurid eyes. Palaeontology, 2014, 57, 1045-1058.	1.0	10
75	The temnospondyl <i>Parotosuchus nasutus</i> (v. Meyer, 1858) from the Early Triassic Middle Buntsandstein of Germany. Palaeodiversity, 2018, 11, 107-126.	0.7	10
76	A <i>dvinosaurian</i> temnospondyl from the Carboniferous-Permian boundary of Germany sheds light on <i>dvinosaurian</i> phylogeny and distribution. Journal of Vertebrate Paleontology, 2019, 39, e1577874.	0.4	10
77	REVISION OF THE TYPE MATERIAL AND NOMENCLATURE OF <i>MASTODONSAURUS GIGANTEUS</i> (JAEGER) (TEMNOSPONDYL) FROM THE MIDDLE TRIASSIC OF GERMANY. Palaeontology, 2007, 50, 1245-1266.	1.0	9
78	A new salamandrid from the Miocene Randeck Maar, Germany. Journal of Vertebrate Paleontology, 2013, 33, 58-66.	0.4	9
79	First record of <i>Colognathus</i> (?Amniota) from the Middle Triassic of Europe. Journal of Vertebrate Paleontology, 2013, 33, 998-1002.	0.4	9
80	A procolophonid-like tetrapod from the German Middle Triassic. Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen, 2011, 259, 251-255.	0.2	8
81	Osteology of the temnospondyl <i>Neldasaurus</i> and the evolution of basal <i>dvinosaurians</i> . Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen, 2018, 287, 1-16.	0.2	8
82	Morphological evolution of the skull roof in temnospondyl amphibians mirrors conservative ontogenetic patterns. Zoological Journal of the Linnean Society, 2020, 188, 163-179.	1.0	8
83	A dicynodont mandible from the Triassic of Germany forms the first evidence of large herbivores in the Central European Carnian. Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen, 2012, 263, 119-123.	0.2	7
84	<i>Eocyclotosaurus appetolatus</i> , a new cyclotosaurid amphibian from the Middle Triassic (Perovkan) Moenkopi Formation of New Mexico, U.S.A.. Journal of Vertebrate Paleontology, 2015, 35, e929140.	0.4	6
85	Cranial shape evolution of extant and fossil crocodile newts and its relation to reproduction and ecology. Journal of Anatomy, 2020, 237, 285-300.	0.9	6
86	A new early-diverging sphenodontian (Lepidosauria, Rhynchocephalia) from the Upper Triassic of Virginia, U.S.A.. Journal of Paleontology, 2021, 95, 344-350.	0.5	6
87	A new species of <i>Sclerocephalus</i> with a fully ossified endocranium gives insight into braincase evolution in temnospondyls. Journal of Paleontology, 2021, 95, 1308-1320.	0.5	6
88	The life cycle in late Paleozoic eryopid temnospondyls: developmental variation, plasticity and phylogeny. Fossil Record, 2021, 24, 295-319.	0.5	6
89	Reassessment of cf. <i>Halticosaurus orbitoangulatus</i> from the Upper Triassic (Norian) of Germany - a pseudosuchian, not a dinosaur. Zoological Journal of the Linnean Society, 2013, 168, 859-872.	1.0	5
90	Owenettids and procolophonids from the lower Keuper shed new light on the diversity of parareptiles in the German Middle Triassic. Journal of Paleontology, 2016, 90, 92-101.	0.5	5

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91	Morphology of the Late Carboniferous temnospondyl <i>Limnogyrinus elegans</i> , and the evolutionary history of the Micromelerpetidae. <i>Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen</i> , 2018, 289, 293-310.	0.2	5
92	A new archosauriform reptile with distinctive teeth from the Middle Triassic (Ladinian) of Germany. <i>Journal of Vertebrate Paleontology</i> , 2020, 40, e1764968.	0.4	5
93	The stapes and middle ear of the Permo-Carboniferous tetrapod <i>Sclerocephalus</i> . <i>Neues Jahrbuch Fur Geologie Und Palaontologie</i> , 2002, 2002, 671-680.	0.3	5
94	Taphonomy, deposition and pedogenesis in the Upper Triassic dinosaur beds of Trossingen. <i>Palaeobiodiversity and Palaeoenvironments</i> , 2014, 94, 571-593.	0.6	4
95	The stapes of <i>Edops craigi</i> and ear evolution in the lissamphibian stem group. <i>Acta Zoologica</i> , 2019, 100, 126-134.	0.6	4
96	Osteology of the Permian temnospondyl amphibian <i>Glanochthon lillbachae</i> and its relationships. <i>Fossil Record</i> , 2021, 24, 49-64.	0.5	4
97	The palatoquadrate of <i>Mastodonsaurus giganteus</i> (Jaeger, 1828), and the evolutionary modification of this region. <i>Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen</i> , 2002, 225, 401-423.	0.2	4
98	A new dissorophoid temnospondyl from the Allegheny Group (late Carboniferous) of Five Points, Mahoning County, Ohio (USA). <i>Journal of Paleontology</i> , 2021, 95, 638-651.	0.5	4
99	Feeding habits of the Middle Triassic pseudosuchian <i>Batrachotomus kupferzellensis</i> from Germany and palaeoecological implications for archosaurs. <i>Palaeontology</i> , 2022, 65, .	1.0	4
100	A new, large archosauriform from the Anton Chico Member of the upper Moenkopi Formation (Middle) Tj ETQq0 0 0 rgBT /Overlock 10 T Abhandlungen, 2006, 239, 289-311.	0.2	3
101	Diverse assemblage of Middle Triassic continental tetrapods from the Newark Supergroup of Nova Scotia (Canada). <i>Journal of Vertebrate Paleontology</i> , 2021, 41, .	0.4	3
102	The larval brachyopid <i>Platycepsion wilkinsoni</i> from the Triassic of New South Wales provides insight into the stereospondyl life cycle. <i>Journal of Paleontology</i> , 0, , 1-14.	0.5	2
103	A new diapsid with a unique tooth structure from the Middle Triassic (Ladinian) of Germany. <i>Journal of Vertebrate Paleontology</i> , 2021, 41, .	0.4	1
104	The dissorophoid temnospondyl <i>Parioxys ferricolus</i> from the early Permian (Cisuralian) of Texas. <i>Journal of Paleontology</i> , 2022, 96, 950-960.	0.5	1
105	OpaschildkrÃ¶te: Ein neuer Fund aus Baden-WÃ¼rttemberg beleuchtet den Ursprung der SchildkrÃ¶ten. , 2022, 68, 48-54.		0
106	Sauriergrabungen in der Trias von Hohenlohe â€“ ein Fenster in die Zeit vor den Dinosauriern. , 2022, 65, 143-150.		0
107	Auf Saurierjagd in Trossingen â€“ Grabungen seit hundert Jahren. , 2022, 62, 205-212.		0