

Dirk Fuchs

List of Publications by Year in descending order

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67
papers

1,440
citations

331670

21
h-index

377865

34
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69
all docs

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docs citations

69
times ranked

873
citing authors

#	ARTICLE	IF	CITATIONS
1	Mesozoic origin of coleoid cephalopods and their abrupt shifts of diversification patterns. <i>Molecular Phylogenetics and Evolution</i> , 2022, 166, 107331.	2.7	11
2	Cephalopod palaeobiology: evolution and life history of the most intelligent invertebrates. <i>Swiss Journal of Palaeontology</i> , 2022, 141, .	1.7	0
3	Fossil evidence for vampire squid inhabiting oxygen-depleted ocean zones since at least the Oligocene. <i>Communications Biology</i> , 2021, 4, 216.	4.4	11
4	A potential cephalopod from the early Cambrian of eastern Newfoundland, Canada. <i>Communications Biology</i> , 2021, 4, 388.	4.4	14
5	Is there more than one species in the genus <i>Spirula</i> (Cephalopoda: Decabrachia): evidence for an Atlanticâ€‘Pacific divide. <i>Journal of Molluscan Studies</i> , 2021, 87, .	1.2	3
6	Distraction sinking and fossilized coleoid predatory behaviour from the German Early Jurassic. <i>Swiss Journal of Palaeontology</i> , 2021, 140, 7.	1.7	17
7	Large-sized gladius-bearing octobranchians (coleoid cephalopods) in the Turonian plattenkalk of Vallecillo, Mexico. <i>Cretaceous Research</i> , 2021, 127, 104949.	1.4	0
8	Taphonomic patterns mimic biologic structures: diagenetic Liesegang rings in Mesozoic coleoids and coprolites. <i>PeerJ</i> , 2021, 9, e10703.	2.0	7
9	Evolutionary development of the cephalopod arm armature: a review. <i>Swiss Journal of Palaeontology</i> , 2021, 140, 27.	1.7	7
10	A critical review of <i>Antarcticeras</i> Doguzhaeva, 2017 â€‘ teuthid affinities can explain the poorly mineralized phragmocone. <i>Historical Biology</i> , 2020, 32, 49-54.	1.4	2
11	The Muensterelloidea: phylogeny and character evolution of Mesozoic stem octopods. <i>Papers in Palaeontology</i> , 2020, 6, 31-92.	1.5	10
12	The role of mural mechanics on cephalopod palaeoecology. <i>Journal of the Royal Society Interface</i> , 2020, 17, 20200009.	3.4	5
13	Evolution of reproductive strategies in coleoid mollusks. <i>Paleobiology</i> , 2020, 46, 82-103.	2.0	8
14	Jaws of a large belemnite and an ammonite from the Aalenian (Middle Jurassic) of Switzerland. <i>Swiss Journal of Palaeontology</i> , 2020, 139, 7.	1.7	8
15	First record of non-mineralized cephalopod jaws and arm hooks from the latest Cretaceous of Eurytania, Greece. <i>Swiss Journal of Palaeontology</i> , 2020, 139, 9.	1.7	10
16	Anatomy and evolution of the first Coleoidea in the Carboniferous. <i>Communications Biology</i> , 2019, 2, 280.	4.4	39
17	Predatory behaviour and taphonomy of a Jurassic belemnoid coleoid (Diplobelida, Cephalopoda). <i>Scientific Reports</i> , 2019, 9, 7944.	3.3	26
18	Homology problems in cephalopod morphology: deceptive (dis)similarities between different types of â€‘caecumâ€™. <i>Swiss Journal of Palaeontology</i> , 2019, 138, 49-63.	1.7	6

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19	A new peculiar muensterellid coleoid (Cephalopoda) from the Kimmeridge Clay Formation of Dorset (England). <i>Proceedings of the Geologists Association</i> , 2019, 130, 339-344.	1.1	2
20	First Middleâ€“Late Jurassic gladius vestiges provide new evidence on the detailed origin of incirrate and cirrate octopuses (Coleoidea). <i>Palaontologische Zeitschrift</i> , 2018, 92, 203-217.	1.6	4
21	New records of the late Pliensbachian to early Toarcian (Early Jurassic) gladiusâ€“bearing coleoid cephalopods from the Ya Ha Tinda Lagerst�tte, Canada. <i>Papers in Palaeontology</i> , 2018, 4, 245-276.	1.5	6
22	Updated molecular phylogeny of the squid family Ommastrephidae: Insights into the evolution of spawning strategies. <i>Molecular Phylogenetics and Evolution</i> , 2018, 120, 212-217.	2.7	13
23	The first coleoid cephalopods from the Upper Cenomanian of Sicily (Italy) and their implications for the systematic-phylogenetic position of the Palaeololiginidae (Teudopseina). <i>Journal of Systematic Palaeontology</i> , 2017, 15, 499-512.	1.5	5
24	Whole mitochondrial genome of the Ramâ€™s Horn Squid shines light on the phylogenetic position of the monotypic order Spirulida (Haeckel, 1896). <i>Molecular Phylogenetics and Evolution</i> , 2017, 109, 296-301.	2.7	30
25	Molecular clocks indicate turnover and diversification of modern coleoid cephalopods during the Mesozoic Marine Revolution. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20162818.	2.6	86
26	Grasping the shape of belemnoid arm hooksâ€“a quantitative approach. <i>Paleobiology</i> , 2017, 43, 304-320.	2.0	13
27	Treatise Online no. 91: Part M, Chapter 10: Arm armature in belemnoid coleoids. <i>Treatise Online</i> , 2017, , .	0.6	3
28	Miocene sepiids (Cephalopoda, Coleoidea) from Australia. <i>Fossil Record</i> , 2017, 20, 159-172.	1.4	2
29	Treatise Online no. 73: Part M, Chapter 13: Fossilized Soft Tissues in Coleoidea. <i>Treatise Online</i> , 2016, , .	0.6	3
30	The locomotion system of Mesozoic Coleoidea (Cephalopoda) and its phylogenetic significance. <i>Lethaia</i> , 2016, 49, 433-454.	1.4	23
31	First record of a xiphoteuthidid coleoid (Cephalopoda: Aulacoceratida) from the Germanic Triassic (Erfurt Formation, Ladinian). <i>Palaontologische Zeitschrift</i> , 2016, 90, 765-769.	1.6	0
32	A nearly complete respiratory, circulatory, and excretory system preserved in small Late Cretaceous octopods (Cephalopoda) from Lebanon. <i>Palaontologische Zeitschrift</i> , 2016, 90, 299-305.	1.6	6
33	Adaptations to squid-style high-speed swimming in Jurassic belemnitids. <i>Biology Letters</i> , 2016, 12, 20150877.	2.3	45
34	<i>Amphispirula</i> gen. nov. from the Eocene of southern Moravia (Czech Republic): a new ancestor of the Recent deep-sea squid <i>Spirula</i> ?. <i>Journal of Systematic Palaeontology</i> , 2016, 14, 91-98.	1.5	6
35	Ancestry, Origin and Early Evolution of Ammonoids. <i>Topics in Geobiology</i> , 2015, , 3-24.	0.5	19
36	New anatomical information on arms and fins from exceptionally preserved Plesioteuthis (Coleoidea) from the Late Jurassic of Germany. <i>Swiss Journal of Palaeontology</i> , 2015, 134, 245-255.	1.7	26

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37	The gladiuses in coleoid cephalopods: homology, parallelism, or convergence?. Swiss Journal of Palaeontology, 2015, 134, 187-197.	1.7	25
38	The Study of Deep-Sea Cephalopods. Advances in Marine Biology, 2014, 67, 235-359.	1.4	87
39	First record of a complete arm crown of the Early Jurassic coleoid <i>Loligosepia</i> (Cephalopoda). Palaontologische Zeitschrift, 2013, 87, 431-435.	1.6	16
40	<i>Longibelus</i> gen. nov., a new <i>C</i> -retaceous coleoid genus linking <i>B</i> -elemnoidea and early <i>D</i> -ecabrachia. Palaeontology, 2013, 56, 1081-1106.	2.2	18
41	<i>Acanthoteuthis problematica</i> Naef, 1922, an almost forgotten taxon and its role in the interpretation of cephalopod arm armatures. Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen, 2013, 269, 241-250.	0.4	6
42	Taxonomic revision of <i>Onychoteuthis</i> <i>conocauda</i> Quenstedt, 1849 (Cephalopoda: Coleoidea). Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen, 2013, 270, 245-255.	0.4	10
43	First record of a true coleoid cephalopod from the Germanic Triassic (Ladinian). Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen, 2012, 266, 19-30.	0.4	9
44	Taxonomy, morphology and phylogeny of Late Cretaceous spirulid coleoids (Cephalopoda) from Greenland and Canada. Palaeontology, 2012, 55, 285-303.	2.2	22
45	Protoconch morphology of <i>Conoteuthis</i> (Diplobelida, Coleoidea) and its implications on the presumed origin of the Sepiida. Cretaceous Research, 2012, 34, 200-207.	1.4	14
46	Vestigial phragmocone in the gladius points to a deepwater origin of squid (Mollusca: Cephalopoda). Deep-Sea Research Part I: Oceanographic Research Papers, 2012, 61, 109-122.	1.4	33
47	Treatise Online no. 53: Part M, Chapter 14: History of higher classification of Coleoidea.. Treatise Online, 2012, .	0.6	0
48	The "œrostrum" problem in coleoid terminology – An attempt to clarify inconsistencies. Geobios, 2012, 45, 29-39.	1.4	24
49	Diversity, morphology, and phylogeny of coleoid cephalopods from the Upper Cretaceous Plattenkalks of Lebanon-Part I: Prototeuthidina. Journal of Paleontology, 2011, 85, 234-249.	0.8	49
50	Cephalopod origin and evolution: A congruent picture emerging from fossils, development and molecules. BioEssays, 2011, 33, 602-613.	2.5	236
51	Diversity, Morphology, and Phylogeny of Coleoid Cephalopods from the Upper Cretaceous Plattenkalks of Lebanon – Part II: Teudopseina. Journal of Paleontology, 2011, 85, 815-834.	0.8	45
52	Taxonomy, morphology and phylogeny of Lower Jurassic teudopseid coleoids (Cephalopoda). Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen, 2010, 257, 351-366.	0.4	23
53	<i>Glyphiteuthis rhinophora</i> n. sp., a trachyteuthidid (Coleoidea, Cephalopoda) from the Cenomanian (Late Cretaceous) of Mexico. Palaontologische Zeitschrift, 2010, 84, 523-532.	1.6	9
54	First record of a belemnite preserved with beaks, arms and ink sac from the Nusplingen Lithographic Limestone (Kimmeridgian, SW Germany). Lethaia, 2010, 43, 445-456.	1.4	47

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55	Palaeoctopus pelagicus from the Turonian of Mexico reinterpreted as a coelacanth (Sarcopterygian) gular plate. Palaeontology, 2010, 53, 689-694.	2.2	12
56	The First Diplobelid Coleoid from the Late Cretaceous (Turonian) of Hokkaido (Japan). Paleontological Research, 2010, 14, 169-178.	1.0	8
57	A new Cenomanian (Late Cretaceous) coleoid (Cephalopoda) from HÅdjoula, Lebanon. Fossil Record, 2009, 12, 175-181.	0.5	13
58	NEW OCTOPODS (CEPHALOPODA: COLEOIDEA) FROM THE LATE CRETACEOUS (UPPER CENOMANIAN) OF HÅKEL AND HÅDJOULA, LEBANON. Palaeontology, 2009, 52, 65-81.	2.2	65
59	<i>Trachyteuthis covacevichi</i>n. sp., a Late Jurassic Palaeopacific coleoid cephalopod. Fossil Record, 2008, 11, 39-49.	0.5	8
60	A NEW <i>PALAEOCTOPUS</i> (CEPHALOPODA: COLEOIDEA) FROM THE LATE CRETACEOUS OF VALLECILLO, NORTH-EASTERN MEXICO, AND IMPLICATIONS FOR THE EVOLUTION OF OCTOPODA. Palaeontology, 2008, 51, 1129-1139.	2.2	13
61	Taxonomy, morphology and phylogeny of Lower Jurassic loligoseptid coleoids (Cephalopoda). Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen, 2008, 249, 93-112.	0.4	35
62	Coleoid cephalopods from the plattenkalks of the Upper Jurassic of Southern Germany and from the Upper Cretaceous of Lebanon A faunal comparison. Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen, 2007, 245, 59-69.	0.4	11
63	Taxonomy, morphology and phylogeny of plesiotheuthidid coleoids from the Upper Jurassic (Tithonian) Plattenkalk of Solnhofen. Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen, 2007, 245, 239-252.	0.4	27
64	Ultrastructural Analyses on the Conotheca of the Genus Belemnitheutis (Belemnitida: Coleoidea). , 2007, , 299-314.		3
65	Coleoid beaks from the Nusplingen Lithographic Limestone (Upper Kimmeridgian, SW Germany). Lethaia, 2005, 38, 173-192.	1.4	38
66	Mid to Late Holocene palaeoenvironment of Lake Eastern Juyanze (north-western China) based on ostracods and stable isotopes. Geobios, 2002, 35, 99-110.	1.4	55
67	Treatise Online No. 83: Part M, Chapter 9B: The Gladius and Gladius Vestige in Fossil Coleoidea. Treatise Online, 0, , .	0.6	1