

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
g-index

69
all docs

69
docs citations

69
times ranked

873
citing authors

#	ARTICLE	IF	CITATIONS
1	Cephalopod origin and evolution: A congruent picture emerging from fossils, development and molecules. <i>BioEssays</i> , 2011, 33, 602-613.	2.5	236
2	The Study of Deep-Sea Cephalopods. <i>Advances in Marine Biology</i> , 2014, 67, 235-359.	1.4	87
3	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
4	NEW OCTOPODS (CEPHALOPODA: COLEOIDEA) FROM THE LATE CRETACEOUS (UPPER CENOMANIAN) OF HÄ,KEL AND HÄ,DJOULA, LEBANON. <i>Palaeontology</i> , 2009, 52, 65-81.	2.2	65
5	Mid to Late Holocene palaeoenvironment of Lake Eastern Juyanze (north-western China) based on ostracods and stable isotopes. <i>Geobios</i> , 2002, 35, 99-110.	1.4	55
6	Diversity, morphology, and phylogeny of coleoid cephalopods from the Upper Cretaceous Plattenkalks of Lebanon-Part I: Prototeuthidina. <i>Journal of Paleontology</i> , 2011, 85, 234-249.	0.8	49
7	First record of a belemnite preserved with beaks, arms and ink sac from the Nusplingen Lithographic Limestone (Kimmeridgian, SW Germany). <i>Lethaia</i> , 2010, 43, 445-456.	1.4	47
8	Diversity, Morphology, and Phylogeny of Coleoid Cephalopods from the Upper Cretaceous Plattenkalks of Lebanon-Part II: Teudopseina. <i>Journal of Paleontology</i> , 2011, 85, 815-834.	0.8	45
9	Adaptations to squid-style high-speed swimming in Jurassic belemnitids. <i>Biology Letters</i> , 2016, 12, 20150877.	2.3	45
10	Anatomy and evolution of the first Coleoidea in the Carboniferous. <i>Communications Biology</i> , 2019, 2, 280.	4.4	39
11	Coleoid beaks from the Nusplingen Lithographic Limestone (Upper Kimmeridgian, SW Germany). <i>Lethaia</i> , 2005, 38, 173-192.	1.4	38
12	Taxonomy, morphology and phylogeny of Lower Jurassic loligosepiid coleoids (Cephalopoda). <i>Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen</i> , 2008, 249, 93-112.	0.4	35
13	Vestigial phragmocone in the gladius points to a deepwater origin of squid (Mollusca: Cephalopoda). <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2012, 61, 109-122.	1.4	33
14	Whole mitochondrial genome of the Ram-™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
15	Taxonomy, morphology and phylogeny of plesioiteuthidid coleoids from the Upper Jurassic (Tithonian) Plattenkalks of Solnhofen. <i>Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen</i> , 2007, 245, 239-252.	0.4	27
16	New anatomical information on arms and fins from exceptionally preserved Plesioiteuthis (Coleoidea) from the Late Jurassic of Germany. <i>Swiss Journal of Palaeontology</i> , 2015, 134, 245-255.	1.7	26
17	Predatory behaviour and taphonomy of a Jurassic belemnoid coleoid (Diplobelida, Cephalopoda). <i>Scientific Reports</i> , 2019, 9, 7944.	3.3	26
18	The gladiuses in coleoid cephalopods: homology, parallelism, or convergence?. <i>Swiss Journal of Palaeontology</i> , 2015, 134, 187-197.	1.7	25

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19	The "œrostrum" problem in coleoid terminology – An attempt to clarify inconsistencies. <i>Geobios</i> , 2012, 45, 29-39.	1.4	24
20	Taxonomy, morphology and phylogeny of Lower Jurassic teudopseid coleoids (Cephalopoda). <i>Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen</i> , 2010, 257, 351-366.	0.4	23
21	The locomotion system of Mesozoic Coleoidea (Cephalopoda) and its phylogenetic significance. <i>Lethaia</i> , 2016, 49, 433-454.	1.4	23
22	Taxonomy, morphology and phylogeny of Late Cretaceous spirulid coleoids (Cephalopoda) from Greenland and Canada. <i>Palaeontology</i> , 2012, 55, 285-303.	2.2	22
23	Ancestry, Origin and Early Evolution of Ammonoids. <i>Topics in Geobiology</i> , 2015, , 3-24.	0.5	19
24	<i>Longibelus</i> gen. nov., a new <i>Cretaceous</i> coleoid genus linking <i>Belemnoidea</i> and early <i>Dicabrachia</i> . <i>Palaeontology</i> , 2013, 56, 1081-1106.	2.2	18
25	Distraction sinking and fossilized coleoid predatory behaviour from the German Early Jurassic. <i>Swiss Journal of Palaeontology</i> , 2021, 140, 7.	1.7	17
26	First record of a complete arm crown of the Early Jurassic coleoid <i>Loligosepia</i> (Cephalopoda). <i>Palaontologische Zeitschrift</i> , 2013, 87, 431-435.	1.6	16
27	Protoconch morphology of <i>Conoteuthis</i> (Diplobelida, Coleoidea) and its implications on the presumed origin of the Sepiida. <i>Cretaceous Research</i> , 2012, 34, 200-207.	1.4	14
28	A potential cephalopod from the early Cambrian of eastern Newfoundland, Canada. <i>Communications Biology</i> , 2021, 4, 388.	4.4	14
29	A NEW <i>PALAEOTOPIUS</i> (CEPHALOPODA: COLEOIDEA) FROM THE LATE CRETACEOUS OF VALLECILLO, NORTH-EASTERN MEXICO, AND IMPLICATIONS FOR THE EVOLUTION OF OCTOPODA. <i>Palaeontology</i> , 2008, 51, 1129-1139.	2.2	13
30	A new Cenomanian (Late Cretaceous) coleoid (Cephalopoda) from HÅdjoula, Lebanon. <i>Fossil Record</i> , 2009, 12, 175-181.	0.5	13
31	Grasping the shape of belemnoid arm hooks – a quantitative approach. <i>Paleobiology</i> , 2017, 43, 304-320.	2.0	13
32	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
33	<i>Palaeotopus pelagicus</i> from the Turonian of Mexico reinterpreted as a coelacanth (Sarcopterygian) gular plate. <i>Palaeontology</i> , 2010, 53, 689-694.	2.2	12
34	Coleoid cephalopods from the plattenkalks of the Upper Jurassic of Southern Germany and from the Upper Cretaceous of Lebanon A faunal comparison. <i>Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen</i> , 2007, 245, 59-69.	0.4	11
35	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
36	Mesozoic origin of coleoid cephalopods and their abrupt shifts of diversification patterns. <i>Molecular Phylogenetics and Evolution</i> , 2022, 166, 107331.	2.7	11

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37	The Muensterelloidea: phylogeny and character evolution of Mesozoic stem octopods. Papers in Palaeontology, 2020, 6, 31-92.	1.5	10
38	Taxonomic revision of ?Onychoteuthis? conocauda Quenstedt, 1849 (Cephalopoda: Coleoidea). Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen, 2013, 270, 245-255.	0.4	10
39	First record of non-mineralized cephalopod jaws and arm hooks from the latest Cretaceous of Eurytania, Greece. Swiss Journal of Palaeontology, 2020, 139, 9.	1.7	10
40	Glyphteuthis rhinophora n. sp., a trachyteuthidid (Coleoidea, Cephalopoda) from the Cenomanian (Late Cretaceous) of Mexico. Palaontologische Zeitschrift, 2010, 84, 523-532.	1.6	9
41	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
42	<i>Trachyteuthis covacevichi</i>n. sp., a Late Jurassic Palaeopacific coleoid cephalopod. Fossil Record, 2008, 11, 39-49.	0.5	8
43	The First Diplobelid Coleoid from the Late Cretaceous (Turonian) of Hokkaido (Japan). Paleontological Research, 2010, 14, 169-178.	1.0	8
44	Evolution of reproductive strategies in coleoid mollusks. Paleobiology, 2020, 46, 82-103.	2.0	8
45	Jaws of a large belemnite and an ammonite from the Aalenian (Middle Jurassic) of Switzerland. Swiss Journal of Palaeontology, 2020, 139, 7.	1.7	8
46	Taphonomic patterns mimic biologic structures: diagenetic Liesegang rings in Mesozoic coleoids and coprolites. PeerJ, 2021, 9, e10703.	2.0	7
47	Evolutionary development of the cephalopod arm armature: a review. Swiss Journal of Palaeontology, 2021, 140, 27.	1.7	7
48	Acanthoteuthis problematica 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
49	A nearly complete respiratory, circulatory, and excretory system preserved in small Late Cretaceous octopods (Cephalopoda) from Lebanon. Palaontologische Zeitschrift, 2016, 90, 299-305.	1.6	6
50	<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>?. Journal of Systematic Palaeontology, 2016, 14, 91-98.	1.5	6
51	New records of the late Pliensbachian to early Toarcian (Early Jurassic) gladius-bearing coleoid cephalopods from the Ya Ha Tinda Lagerstätte, Canada. Papers in Palaeontology, 2018, 4, 245-276.	1.5	6
52	Homology problems in cephalopod morphology: deceptive (dis)similarities between different types of â€œcaecumâ€™. Swiss Journal of Palaeontology, 2019, 138, 49-63.	1.7	6
53	The first coleoid cephalopods from the Upper Cenomanian of Sicily (Italy) and their implications for the systematic-phylogenetic position of the Palaeololiginidae (Teudopseina). Journal of Systematic Palaeontology, 2017, 15, 499-512.	1.5	5
54	The role of mural mechanics on cephalopod palaeoecology. Journal of the Royal Society Interface, 2020, 17, 20200009.	3.4	5

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55	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
56	Treatise Online no. 73: Part M, Chapter 13: Fossilized Soft Tissues in Coleoidea. <i>Treatise Online</i> , 2016, , .	0.6	3
57	Treatise Online no. 91: Part M, Chapter 10: Arm armature in belemnoid coleoids. <i>Treatise Online</i> , 2017, , .	0.6	3
58	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
59	Ultrastructural Analyses on the Conotheca of the Genus <i>Belemnitheutis</i> (Belemnitida: Coleoidea). , 2007, , 299-314.		3
60	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
61	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
62	Miocene sepiids (Cephalopoda, Coleoidea) from Australia. <i>Fossil Record</i> , 2017, 20, 159-172.	1.4	2
63	Treatise Online No. 83: Part M, Chapter 9B: The Gladius and Gladius Vestige in Fossil Coleoidea. <i>Treatise Online</i> , 0, , .	0.6	1
64	Treatise Online no. 53: Part M, Chapter 14: History of higher classification of Coleoidea.. <i>Treatise Online</i> , 2012, .	0.6	0
65	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
66	Large-sized gladius-bearing octobranchians (coleoid cephalopods) in the Turonian plattenkalk of Vallecillo, Mexico. <i>Cretaceous Research</i> , 2021, 127, 104949.	1.4	0
67	Cephalopod palaeobiology: evolution and life history of the most intelligent invertebrates. <i>Swiss Journal of Palaeontology</i> , 2022, 141, .	1.7	0