

# Kenneth De Baets

## List of Publications by Year in descending order

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62  
papers

1,356  
citations

304602

22  
h-index

395590

33  
g-index

74  
all docs

74  
docs citations

74  
times ranked

760  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pelagic palaeoecology: the importance of recent constraints on ammonoid palaeobiology and life history. <i>Journal of Zoology</i> , 2014, 292, 229-241.	0.8	78
2	The Importance of Fossils in Understanding the Evolution of Parasites and Their Vectors. <i>Advances in Parasitology</i> , 2015, 90, 1-51.	1.4	72
3	EARLY EVOLUTIONARY TRENDS IN AMMONOID EMBRYONIC DEVELOPMENT. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 1788-1806.	1.1	70
4	Intraspecific variability through ontogeny in early ammonoids. <i>Paleobiology</i> , 2013, 39, 75-94.	1.3	60
5	Parallel evolution controlled by adaptation and covariation in ammonoid cephalopods. <i>BMC Evolutionary Biology</i> , 2011, 11, 115.	3.2	53
6	Devonian Pearls and Ammonoid-Endoparasite Co-Evolution. <i>Acta Palaeontologica Polonica</i> , 2011, 56, 159-180.	0.4	52
7	Buoyancy mechanisms limit preservation of coleoid cephalopod soft tissues in Mesozoic Lagerstätten. <i>Palaeontology</i> , 2017, 60, 1-14.	1.0	49
8	Ammonoid Intraspecific Variability. <i>Topics in Geobiology</i> , 2015, , 359-426.	0.6	47
9	Constraining the Deep Origin of Parasitic Flatworms and Host-Interactions with Fossil Evidence. <i>Advances in Parasitology</i> , 2015, 90, 93-135.	1.4	47
10	Tectonic blocks and molecular clocks. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20160098.	1.8	46
11	Emsian Ammonoidea and the age of the Hunsrück Slate (Rhenish Mountains, Western Germany). <i>Palaeontographica, Abteilung A: Paläozoologie - Stratigraphie</i> , 2013, 299, 1-113.	1.5	45
12	Describing Ammonoid Conchs. <i>Topics in Geobiology</i> , 2015, , 3-24.	0.6	43
13	Ammonoid Embryonic Development. <i>Topics in Geobiology</i> , 2015, , 113-205.	0.6	43
14	Red Devonian Trilobites with Green Eyes from Morocco and the Silicification of the Trilobite Exoskeleton. <i>Acta Palaeontologica Polonica</i> , 2009, 54, 117-123.	0.4	40
15	Trace Fossil Evidence of Trematode "Bivalve Parasite" Host Interactions in Deep Time. <i>Advances in Parasitology</i> , 2015, 90, 201-231.	1.4	34
16	Growth trajectories of some major ammonoid sub-clades revealed by serial grinding tomography data. <i>Lethaia</i> , 2015, 48, 29-46.	0.6	34
17	Ecological Change during the early Emsian (Devonian) in the Tafilalt (Morocco), the Origin of the Ammonoidea, and the First African Pyrgocystid Edrioasteroids, Machaerids and Phyllocarids. <i>Palaeontographica, Abteilung A: Paläozoologie - Stratigraphie</i> , 2008, 283, 83-176.	1.5	32
18	Normal giants? Temporal and latitudinal shifts of Palaeozoic marine invertebrate gigantism and global change. <i>Lethaia</i> , 2015, 48, 267-288.	0.6	30

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19	Diversity and morphological evolution of Jurassic belemnites from South Germany. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 457, 80-97.	1.0	30
20	Mechanisms and drivers of belemnite body-size dynamics across the Pliensbachian–Toarcian crisis. <i>Royal Society Open Science</i> , 2019, 6, 190494.	1.1	24
21	Anetoceratinae (Ammonoidea, Early Devonian) from the Eifel and Harz Mountains (Germany), with a revision of their genera. <i>Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen</i> , 2009, 252, 361-376.	0.2	22
22	Quantitative biochronology of Devonian ammonoids from Morocco and proposals for a refined unitary association method. <i>Lethaia</i> , 2011, 44, 469-489.	0.6	22
23	Evolutionary Patterns of Ammonoids: Phenotypic Trends, Convergence, and Parallel Evolution. <i>Topics in Geobiology</i> , 2015, , 95-142.	0.6	22
24	The Fossil Record of Parasitism: Its Extent and Taphonomic Constraints. <i>Topics in Geobiology</i> , 2021, , 1-50.	0.6	22
25	Parasites of Ammonoids. <i>Topics in Geobiology</i> , 2015, , 837-875.	0.6	21
26	Buckman's Rules of Covariation. <i>Topics in Geobiology</i> , 2015, , 67-94.	0.6	20
27	Recent advances in heteromorph ammonoid palaeobiology. <i>Biological Reviews</i> , 2021, 96, 576-610.	4.7	20
28	Ancestry, Origin and Early Evolution of Ammonoids. <i>Topics in Geobiology</i> , 2015, , 3-24.	0.6	19
29	Phanerozoic parasitism and marine metazoan diversity: dilution versus amplification. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200366.	1.8	18
30	Distraction sinking and fossilized coleoid predatory behaviour from the German Early Jurassic. <i>Swiss Journal of Palaeontology</i> , 2021, 140, 7.	0.7	17
31	Exploring the limits of morphospace: ontogeny and ecology of late Viséan ammonoids from the Tafilt, Morocco. <i>Acta Palaeontologica Polonica</i> , 0, 61, .	0.4	14
32	Traumatic events in the life of the deep-sea cephalopod mollusc, the coleoid <i>Spirula spirula</i> . <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2018, 142, 127-144.	0.6	12
33	3D-Analysis of a non-planispiral ammonoid from the Hunsrück Slate: natural or pathological variation?. <i>PeerJ</i> , 2017, 5, e3526.	0.9	12
34	Fossil Constraints on the Timescale of Parasitic Helminth Evolution. <i>Topics in Geobiology</i> , 2021, , 231-271.	0.6	10
35	Rostrum size differences between Toarcian belemnite battlefields. <i>Fossil Record</i> , 2018, 21, 171-182.	0.5	10
36	In situ finds of aptychi in the Barremian of the Alpine Lower Cretaceous (Northern Calcareous Alps). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	0.6	9

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37	Ammonites from the latest Aalenianâ€“earliest Bathonian of La Baume (Castellane area, SE France): palaeontology and biostratigraphy. <i>Swiss Journal of Geosciences</i> , 2008, 101, 563-578.	0.5	9
38	New records of early Middle Jurassic belemnites in the French Subalpine Basin and their paleobiogeographic significance. <i>Geobios</i> , 2012, 45, 99-108.	0.7	9
39	Fossilized leftover falls as sources of palaeoecological data: a â€“pabuliteâ€™ comprising a crustacean, a belemnite and a vertebrate from the Early Jurassic Posidonia Shale. <i>Swiss Journal of Palaeontology</i> , 2021, 140, 10.	0.7	9
40	Morphological disparity and ontogeny of the endemic heteromorph ammonite genus <i>Aegocrioceras</i> (Early Cretaceous, Hauterivian, NW-Germany). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 520, 1-17.	1.0	8
41	Evidence of parallel evolution in the dental elements of <i>Sweetognathus</i> conodonts. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20201922.	1.2	8
42	Jaws of a large belemnite and an ammonite from the Aalenian (Middle Jurassic) of Switzerland. <i>Swiss Journal of Palaeontology</i> , 2020, 139, 7.	0.7	8
43	Bivalve Mollusks as Hosts in the Fossil Record. <i>Topics in Geobiology</i> , 2021, , 251-287.	0.6	8
44	Neptunian dykes in the Devonian carbonate buildup Aferdou El Mrakib (eastern Anti-Atlas, Morocco) and implications for its growth. <i>Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen</i> , 2016, 281, 247-266.	0.2	7
45	Taxonomical diversity and palaeobiogeographical affinity of belemnites from the Pliensbachianâ€“Toarcian GSSP (Lusitanian Basin, Portugal). <i>Papers in Palaeontology</i> , 2021, 7, 1321-1349.	0.7	6
46	Evidence for Palaeozoic orthoconic cephalopods with bimineralic shells. <i>Palaeontology</i> , 2018, 61, 173-181.	1.0	5
47	Oases of biodiversity: Early Devonian palaeoecology at Hamar Laghdad, Morocco. <i>Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen</i> , 2018, 290, 9-48.	0.2	5
48	Trilobites from the Red Fauna (latest Emsian, Devonian) of Hamar Laghdad, Morocco and their biodiversity. <i>Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen</i> , 2018, 290, 241-276.	0.2	5
49	Morphological response accompanying size reduction of belemnites during an Early Jurassic hyperthermal event modulated by life history. <i>Scientific Reports</i> , 2021, 11, 14480.	1.6	5
50	A new subdisarticulated machaeridian from the Middle Devonian of China: Insights into taphonomy and taxonomy using X-ray microtomography and 3D-analysis. <i>Acta Palaeontologica Polonica</i> , 0, 62, .	0.4	5
51	Biodiversity and Hostâ€“Parasite (Co)Extinction. <i>Topics in Geobiology</i> , 2021, , 75-97.	0.6	5
52	A LATE ORDOVICIAN PLANKTIC ASSEMBLAGE WITH EXCEPTIONALLY PRESERVED SOFT-BODIED PROBLEMATICA FROM THE MARTINSBURG FORMATION, PENNSYLVANIA. <i>Palaos</i> , 2018, 33, 36-46.	0.6	4
53	First record of the Early Devonian ammonoid <i>Teicherticeras</i> from the Eifel (Germany): biogeographic and biostratigraphic importance. <i>Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen</i> , 2016, 282, 201-208.	0.2	4
54	Analysis of septal spacing and septal crowding in Devonian and Carboniferous ammonoids. <i>Swiss Journal of Palaeontology</i> , 2021, 140, .	0.7	4

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55	Evolutionary transitions of parasites between freshwater and marine environments. Integrative and Comparative Biology, 0, , .	0.9	4
56	Early Devonian ammonoid faunas in the Zeravshan Mountains (Uzbekistan and Tadjikistan) and the transition from a carbonate platform setting to pelagic sedimentation. Bulletin of Geosciences, 2019, , 337-368.	0.5	3
57	A new species of Tiaracrinus from the latest Emsian of Morocco and its phylogeny. Acta Palaeontologica Polonica, 0, , .	0.4	2
58	The impact of the Pliensbachianâ€“Toarcian crisis on belemnite assemblages and size distribution. Swiss Journal of Palaeontology, 2021, 140, .	0.7	2
59	Biogeography of Paleozoic Ammonoids. Topics in Geobiology, 2015, , 145-161.	0.6	1
60	Performance of machine-learning approaches in identifying ammonoid species based on conch properties. France Biotechnologies, 0, , .	0.0	1
61	Quantitative analysis of suture lines in Carboniferous ammonoids. Fossil Record, 2018, 21, 223-236.	0.5	0
62	Cephalopod palaeobiology: evolution and life history of the most intelligent invertebrates. Swiss Journal of Palaeontology, 2022, 141, .	0.7	0