

# Uwe Balthasar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/140231/publications.pdf>

Version: 2024-02-01

23  
papers

885  
citations

471371

17  
h-index

713332

21  
g-index

23  
all docs

23  
docs citations

23  
times ranked

726  
citing authors

#	ARTICLE	IF	CITATIONS
1	FOSSIL DIAGENESIS IN THE BURGESS SHALE. <i>Palaeontology</i> , 2007, 50, 537-543.	1.0	166
2	Carbonate-hosted Avalon-type fossils in arctic Siberia. <i>Geology</i> , 2008, 36, 803.	2.0	108
3	Aragonite-calcite seasâ€”Quantifying the gray area. <i>Geology</i> , 2015, 43, 99-102.	2.0	96
4	The scleritome of <i>Paterimitra</i> : an Early Cambrian stem group brachiopod from South Australia. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 1651-1656.	1.2	54
5	Homologous skeletal secretion in tomotiids and brachiopods. <i>Geology</i> , 2009, 37, 1143-1146.	2.0	47
6	The Tommotiid <i>Camenella reticulosa</i> from the Early Cambrian of South Australia: Morphology, Scleritome Reconstruction, and Phylogeny. <i>Acta Palaeontologica Polonica</i> , 2009, 54, 525-540.	0.4	45
7	THE ENIGMATIC EARLY CAMBRIAN <i>SALANYGOLINA</i> —A STEM GROUP OF RHYNCHONELLIFORM CHILEATE BRACHIOPODS?. <i>Palaeontology</i> , 2009, 52, 1-10.	1.0	45
8	Relic aragonite from Ordovician—Silurian brachiopods: Implications for the evolution of calcification. <i>Geology</i> , 2011, 39, 967-970.	2.0	43
9	An early Cambrian agglutinated tubular lophophorate with brachiopod characters. <i>Scientific Reports</i> , 2014, 4, 4682.	1.6	40
10	Shell structure, ontogeny and affinities of the Lower Cambrian bivalved problematic fossil <i>Mickwitzia muralensis</i> Walcott, 1913. <i>Lethaia</i> , 2004, 37, 381-400.	0.6	39
11	The brachiopod <i>Eoobolus</i> from the Early Cambrian Mural Formation (Canadian Rocky Mountains). <i>Palaeontologische Zeitschrift</i> , 2009, 83, 407-418.	0.8	27
12	<i>Paterimitra pyramidalis</i> from South Australia: scleritome, shell structure and evolution of a lower Cambrian stem group brachiopod. <i>Palaeontology</i> , 2014, 57, 417-446.	1.0	27
13	Jurassic shift from abiotic to biotic control on marine ecological success. <i>Nature Geoscience</i> , 2019, 12, 638-642.	5.4	27
14	Early Cambrian “Soft-Shelled” Brachiopods as Possible Stem-Group Phoronids. <i>Acta Palaeontologica Polonica</i> , 2009, 54, 307-314.	0.4	26
15	AN EARLY CAMBRIAN ORGANOPHOSPHATIC BRACHIOPOD WITH CALCITIC GRANULES. <i>Palaeontology</i> , 2007, 50, 1319-1325.	1.0	23
16	<i>MUMMPIKIA</i> GEN. NOV. AND THE ORIGIN OF CALCITIC-SHELLED BRACHIOPODS. <i>Palaeontology</i> , 2008, 51, 263-279.	1.0	22
17	On the edge of exceptional preservation: insights into the role of redox state in Burgess Shale-type taphonomic windows from the Mural Formation, Alberta, Canada. <i>Emerging Topics in Life Sciences</i> , 2018, 2, 311-323.	1.1	21
18	Small shelly fossils and carbon isotopes from the early Cambrian (Stages 3–4) Mural Formation of western Laurentia. <i>Papers in Palaeontology</i> , 2021, 7, 951-983.	0.7	10

#	ARTICLE	IF	CITATIONS
19	Depth related brachiopod faunas from the lower Cambrian Forteau Formation of southern Labrador and western Newfoundland, Canada. <i>Palaeontologia Electronica</i> , 0, , .	0.9	7
20	Brachiopod shell thickness links environment and evolution. <i>Palaeontology</i> , 2020, 63, 171-183.	1.0	5
21	Palaeozoic stromatoporoids and chaetetids analysed using electron backscatter diffraction (EBSD); implications for original mineralogy and microstructure. <i>Facies</i> , 2021, 67, 1.	0.7	3
22	The oldest brachiopods from the lower Cambrian of South Australia. <i>Acta Palaeontologica Polonica</i> , 0, , .	0.4	3
23	Pseudoscience should not be published in Nature. <i>Nature</i> , 2006, 444, 679-680.	13.7	1