

Joachim Reitner

List of Publications by Year in descending order

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158
papers

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57719

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184
docs citations

184
times ranked

5415
citing authors

#	ARTICLE	IF	CITATIONS
1	Photosynthesis-Induced Biofilm Calcification and Calcium Concentrations in Phanerozoic Oceans. <i>Science</i> , 2001, 292, 1701-1704.	6.0	437
2	Methane-derived carbonates and authigenic pyrite from the northwestern Black Sea. <i>Marine Geology</i> , 2001, 177, 129-150.	0.9	404
3	Modern cryptic microbialite/metazoan facies from Lizard Island (Great Barrier Reef, Australia) formation and concepts. <i>Facies</i> , 1993, 29, 3-39.	0.7	356
4	Membrane lipid patterns typify distinct anaerobic methanotrophic consortia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 11111-11116.	3.3	331
5	Molecular signals for anaerobic methane oxidation in Black Sea seep carbonates and a microbial mat. <i>Marine Chemistry</i> , 2001, 73, 97-112.	0.9	240
6	Highly isotopically depleted isoprenoids: molecular markers for ancient methane venting. <i>Geochimica Et Cosmochimica Acta</i> , 1999, 63, 3959-3966.	1.6	232
7	Cold seep deposits of Beauvoisin (Oxfordian; southeastern France) and Marmorito (Miocene; Tj ETQq1 1 0.784314 rgBT /Overlock 10 T) 1999, 88, 60-75.	0.9	214
8	An Anaerobic World in Sponges. <i>Geomicrobiology Journal</i> , 2005, 22, 1-10.	1.0	198
9	Estimating the Phanerozoic history of the Ascomycota lineages: Combining fossil and molecular data. <i>Molecular Phylogenetics and Evolution</i> , 2014, 78, 386-398.	1.2	197
10	Biofilm exopolymers control microbialite formation at thermal springs discharging into the alkaline Pyramid Lake, Nevada, USA. <i>Sedimentary Geology</i> , 1999, 126, 159-176.	1.0	196
11	Microbialite Formation in Seawater of Increased Alkalinity, Satonda Crater Lake, Indonesia. <i>Journal of Sedimentary Research</i> , 2003, 73, 105-127.	0.8	192
12	Phylogenetic Analysis of a Microbialite-Forming Microbial Mat from a Hypersaline Lake of the Kiritimati Atoll, Central Pacific. <i>PLoS ONE</i> , 2013, 8, e66662.	1.1	160
13	Concretionary methane-seep carbonates and associated microbial communities in Black Sea sediments. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2005, 227, 18-30.	1.0	155
14	Methane-derived carbonate build-ups and associated microbial communities at cold seeps on the lower Crimean shelf (Black Sea). <i>Facies</i> , 2005, 51, 66-79.	0.7	144
15	Calcification in cyanobacterial biofilms of alkaline salt lakes. <i>European Journal of Phycology</i> , 1999, 34, 393-403.	0.9	139
16	Phylogeny and Evolution of Glass Sponges (Porifera, Hexactinellida). <i>Systematic Biology</i> , 2008, 57, 388-405.	2.7	132
17	Mud mounds: A polygenetic spectrum of fine-grained carbonate buildups. <i>Facies</i> , 1995, 32, 1-69.	0.7	126
18	Biomarkers of black shales formed by microbial mats, Late Mesoproterozoic (1.1Ga) Taoudeni Basin, Mauritania. <i>Precambrian Research</i> , 2012, 196-197, 113-127.	1.2	113

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19	Petrology of Lower Cretaceous carbonate mud mounds (Albian, N. Spain): insights into organomineralic deposits of the geological record. <i>Sedimentology</i> , 1999, 46, 837-859.	1.6	111
20	Sponge Paleogenomics Reveals an Ancient Role for Carbonic Anhydrase in Skeletogenesis. <i>Science</i> , 2007, 316, 1893-1895.	6.0	111
21	Microbial Fabric Formation in Spring Mounds ("Microbialites") of Alkaline Salt Lakes in the Badain Jaran Sand Sea, PR China. <i>Palaios</i> , 1998, 13, 581.	0.6	100
22	Evidence of organic structures in Ediacara-type fossils and associated microbial mats. <i>Geology</i> , 2001, 29, 1119.	2.0	98
23	Lipid biomarker patterns of methane-seep microbialites from the Mesozoic convergent margin of California. <i>Organic Geochemistry</i> , 2006, 37, 1289-1302.	0.9	98
24	A Microbial Mat of a Large Sulfur Bacterium Preserved in a Miocene Methane-Seep Limestone. <i>Geomicrobiology Journal</i> , 2004, 21, 247-255.	1.0	88
25	Non-Lithistid Fossil Demospongiae "Origins of their Palaeobiodiversity and Highlights in History of Preservation. , 2002, , 52-68.		85
26	Photosynthesis versus Exopolymer Degradation in the Formation of Microbialites on the Atoll of Kiritimati, Republic of Kiribati, Central Pacific. <i>Geomicrobiology Journal</i> , 2012, 29, 29-65.	1.0	84
27	Widefield deconvolution epifluorescence microscopy combined with fluorescence in situ hybridization reveals the spatial arrangement of bacteria in sponge tissue. <i>Journal of Microbiological Methods</i> , 2000, 40, 125-134.	0.7	81
28	Ancient Fungal Life in North Pacific Eocene Oceanic Crust. <i>Geomicrobiology Journal</i> , 2004, 21, 241-246.	1.0	81
29	A LATE DEVONIAN HYDROCARBON-SEEP DEPOSIT DOMINATED BY DIMERELLOID BRACHIOPODS, MOROCCO. <i>Palaios</i> , 2007, 22, 114-122.	0.6	77
30	Cenomanian/Turonian sponge microbialite deep-water hardground community (Liencrees, Northern Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.7	72
31	First report of fossil "keratose" demosponges in Phanerozoic carbonates: preservation and 3-D reconstruction. <i>Die Naturwissenschaften</i> , 2014, 101, 467-477.	0.6	70
32	Evidence for preindustrial variations in the marine surface water carbonate system from coralline sponges. <i>Geochemistry, Geophysics, Geosystems</i> , 2002, 3, 1-13.	1.0	63
33	Worm tube fossils from the Hollard Mound hydrocarbon-seep deposit, Middle Devonian, Morocco: Palaeozoic seep-related vestimentiferans?. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2005, 227, 242-257.	1.0	60
34	Sr/Ca ratios and oxygen isotopes from sclerosponges: Temperature history of the Caribbean mixed layer and thermocline during the Little Ice Age. <i>Paleoceanography</i> , 2003, 18, n/a-n/a.	3.0	59
35	Outcrop analogues of pockmarks and associated methane-seep carbonates: A case study from the Lower Cretaceous (Albian) of the Basque-Cantabrian Basin, western Pyrenees. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 390, 94-115.	1.0	59
36	Facies belts and communities of the arctic Vesterisbanken Seamount (Central Greenland Sea). <i>Facies</i> , 1992, 27, 71-103.	0.7	56

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37	Sponge-microbial build-ups from the lowermost Triassic Chanakhchi section in southern Armenia: Microfacies and stable carbon isotopes. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 490, 653-672.	1.0	55
38	Molecular Phylogeny of the Leafy Liverwort <i>Lejeunea</i> (Porellales): Evidence for a Neotropical Origin, Uneven Distribution of Sexual Systems and Insufficient Taxonomy. <i>PLoS ONE</i> , 2013, 8, e82547.	1.1	53
39	A horizontal gene transfer supported the evolution of an early metazoan biomineralization strategy. <i>BMC Evolutionary Biology</i> , 2011, 11, 238.	3.2	52
40	Bacterial Colonization and Weathering of Terrestrial Obsidian in Iceland. <i>Geomicrobiology Journal</i> , 2008, 25, 25-37.	1.0	49
41	Anaerobic and Aerobic Oxidation of Methane at Late Cretaceous Seeps in the Western Interior Seaway, USA. <i>Geomicrobiology Journal</i> , 2006, 23, 565-577.	1.0	48
42	Skeletal structures and habitats of Recent and fossil <i>Acanthochaetetes</i> (subclass Tetractinomorpha, Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46)	0.9	47
43	Ectomycorrhizas from a Lower Eocene angiosperm forest. <i>New Phytologist</i> , 2011, 192, 988-996.	3.5	47
44	Geobiology of a palaeoecosystem with Ediacara-type fossils: The Shibantan Member (Dengying) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46	1.2	46
45	High Diversity of Culturable Prokaryotes in a Lithifying Hypersaline Microbial Mat. <i>Geomicrobiology Journal</i> , 2015, 32, 332-346.	1.0	46
46	A new straight-chain hydrocarbon biomarker associated with anaerobic methane cycling. <i>Organic Geochemistry</i> , 2001, 32, 1019-1023.	0.9	45
47	Biomarker studies on microbial carbonates: Extractable lipids of a Calcifying Cyanobacterial mat (Everglades, USA). <i>Facies</i> , 1997, 36, 163-172.	0.7	44
48	The formation of microbial-metazoan bioherms and biostromes following the latest Permian mass extinction. <i>Gondwana Research</i> , 2018, 61, 187-202.	3.0	44
49	Ideas and perspectives: hydrothermally driven redistribution and sequestration of early Archaean biomass – the “hydrothermal pump hypothesis”. <i>Biogeosciences</i> , 2018, 15, 1535-1548.	1.3	42
50	A Rare Glimpse of Paleoarchean Life: Geobiology of an Exceptionally Preserved Microbial Mat Facies from the 3.4 Ga Strelley Pool Formation, Western Australia. <i>PLoS ONE</i> , 2016, 11, e0147629.	1.1	42
51	Skeletal formation in the modern but ultraconservative chaetetid sponge <i>Spirastrella</i> (<i>Acanthochaetetes</i>) <i>wellsi</i> (demospongiae, porifera). <i>Facies</i> , 1996, 34, 193-207.	0.7	40
52	Biosedimentology of Microbial Buildups IGCP Project No. 380 Proceedings of 2nd Meeting, GÄtttingen/Germany 1996. <i>Facies</i> , 1997, 36, 195-284.	0.7	40
53	“Stromatolites” built by sponges and microbes – a new type of Phanerozoic bioconstruction. <i>Lethaia</i> , 2016, 49, 555-570.	0.6	40
54	Organomineralization of cirratulid annelid tubes-fossil and recent examples. <i>Facies</i> , 2000, 42, 35-49.	0.7	37

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55	Aerobic and anaerobic methane oxidation in terrestrial mud volcanoes in the Northern Apennines. <i>Sedimentary Geology</i> , 2012, 263-264, 210-219.	1.0	34
56	A new calcitic sphinctozoan sponge belonging to the Demospongiae from the Cassian Formation (Lower Carnian; Dolomites, Northern Italy) and its phylogenetic relationship. <i>Geobios</i> , 1987, 20, 571-589.	0.7	32
57	Non-rigid cryptic sponges in oyster patch reefs (Lower Kimmeridgian, Langenberg/Oker, Germany). <i>Facies</i> , 2001, 45, 231-254.	0.7	32
58	Triple oxygen isotopes of cherts through time. <i>Chemical Geology</i> , 2020, 554, 119789.	1.4	32
59	Sponge communities from the Lower Liassic of Adnet (Northern Calcareous Alps, Austria). <i>Facies</i> , 2005, 51, 385-404.	0.7	31
60	Immunological Localization of Coenzyme M Reductase in Anaerobic Methane-Oxidizing Archaea of ANME 1 and ANME 2 Type. <i>Geomicrobiology Journal</i> , 2008, 25, 149-156.	1.0	30
61	Calcium dynamics in microbialite-forming exopolymer-rich mats on the atoll of <i>Kiritimati</i> , Republic of <i>Kiribati</i> , Central <i>Pacific</i> . <i>Geobiology</i> , 2015, 13, 170-180.	1.1	30
62	The influence of microbial mats on travertine precipitation in active hydrothermal systems (Central Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.8	30
63	Frutexitic-like structures formed by iron oxidizing biofilms in the continental subsurface (Ä,spÄ Hard) Tj ETQq1 1 0.784314 rgBT /Ov	1.1	29
64	Organic matter preservation in the carbonate matrix of a recent microbial mat – Is there a mat seal effect™?. <i>Organic Geochemistry</i> , 2015, 87, 25-34.	0.9	28
65	Authigenic carbonate formation and its impact on the biomarker inventory at hydrocarbon seeps – A case study from the Holocene Black Sea and the Plio-Pleistocene Northern Apennines (Italy). <i>Marine and Petroleum Geology</i> , 2015, 66, 532-541.	1.5	28
66	Cryptic biostalactites in a submerged karst cave of the Belize Barrier Reef revisited: Pendant bioconstructions cemented by microbial micrite. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 468, 34-51.	1.0	28
67	Depositional dynamics of a bituminous carbonate facies in a tectonically induced intra-platform basin: the Shibantan Member (Dengying Formation, Ediacaran Period). <i>Carbonates and Evaporites</i> , 2016, 31, 87-99.	0.4	25
68	Miniaturized biosignature analysis reveals implications for the formation of cold seep carbonates at Hydrate Ridge (off Oregon, USA). <i>Biogeosciences</i> , 2008, 5, 731-738.	1.3	24
69	Ancient microbial activity recorded in fracture fillings from granitic rocks (Ä,spÄ Hard Rock) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	1.1	24
70	Low-temperature, shallow-water hydrothermal vent mineralization following the recent submarine eruption of Tagoro volcano (El Hierro, Canary Islands). <i>Marine Geology</i> , 2020, 430, 106333.	0.9	24
71	Correlative light/electron microscopy for the investigation of microbial mats from Black Sea Cold Seeps. <i>Journal of Microbiological Methods</i> , 2008, 73, 85-91.	0.7	23
72	Organic signatures in Pleistocene cherts from Lake Magadi (Kenya) – implications for early Earth hydrothermal deposits. <i>Biogeosciences</i> , 2019, 16, 2443-2465.	1.3	23

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73	Ingredients for microbial life preserved in 3.5 billion-year-old fluid inclusions. <i>Nature Communications</i> , 2021, 12, 1101.	5.8	23
74	Fungi in subterranean environments. <i>PLoS ONE</i> , 2010, 5, 377-403.		21
75	Skeletal structure, growth, and paleoecology of the patch reef-building polychaete worm <i>Diplochaetetes mexicanus wilson</i> , 1986 from the oligocene of baja california (Mexico). <i>Geobios</i> , 1989, 22, 761-775.	0.7	21
76	Zygomycetes in Vesicular Basanites from Vesteris Seamount, Greenland Basin – A New Type of Cryptoendolithic Fungi. <i>PLoS ONE</i> , 2015, 10, e0133368.	1.1	21
77	Isolation of Anaerobic Bacteria from Terrestrial Mud Volcanoes (Salse di Nirano, Northern Apennines). <i>Journal of Microbiology</i> , 2011, 151, 1078-1084.	1.0	21
78	Methane-related microbial gypsum calcitization in stromatolites of a marine evaporative setting (MÄ¼nder Formation, Upper Jurassic, Hils Syncline, north Germany). <i>Sedimentology</i> , 2008, 55, 1227-1251.	1.6	20
79	Lipid biomarkers and their specific carbon isotopic compositions of cold seep carbonates from the South China Sea. <i>Marine and Petroleum Geology</i> , 2015, 66, 501-510.	1.5	20
80	Histological investigation of organisms with hard skeletons: a case study of siliceous sponges. <i>Biotechnic and Histochemistry</i> , 2003, 78, 191-199.	0.7	19
81	Aftermath of the Triassic–Jurassic Boundary Crisis: Spiculite Formation on Drowned Triassic Steinplatte Reef-Slope by Communities of Hexactinellid Sponges (Northern Calcareous Alps, Austria). <i>Lecture Notes in Earth Sciences</i> , 2011, 151, 355-390.	0.5	19
82	Soluble proteins control growth of skeleton crystals in three coralline demosponges. <i>Facies</i> , 2001, 45, 195-201.	0.7	18
83	Paleoecology of microencrusts and encrusting coralline sponges in Cipit boulders from the Cassian formation (upper Ladinian-lower Carnian, Dolomites, Northern Italy). <i>Palaontologische Zeitschrift</i> , 2012, 86, 113-133.	0.8	18
84	Microbial Mats. <i>Encyclopedia of Earth Sciences Series</i> , 2011, 151, 606-608.	0.1	18
85	Defining organominerals: Comment on “Defining biominerals and organominerals: Direct and indirect indicators of life” by Perry et al. (2007, <i>Sedimentary Geology</i> , 201, 157–179). <i>Sedimentary Geology</i> , 2009, 213, 152-155.	1.0	17
86	Micro-framework reconstruction from peloidal-dominated mud mounds (Visián, SW Spain). <i>Facies</i> , 2010, 56, 139-156.	0.7	17
87	An Upper Turonian fine-grained shallow marine stromatolite bed from the Muñecas Formation, Northern Iberian Ranges, Spain. <i>Sedimentary Geology</i> , 2012, 263-264, 96-108.	1.0	17
88	Assessing the utility of trace and rare earth elements as biosignatures in microbial iron oxyhydroxides. <i>Frontiers in Earth Science</i> , 2015, 3, .	0.8	17
89	Sedimentary inclusions in the deep-water sponge <i>Geodia barretti</i> (Geodiidae, Demospongiae) from the Korsfjord, western Norway. <i>Sarsia</i> , 2004, 89, 245-252.	0.5	16
90	Microbialite Formation in Seawater of Increased Alkalinity, Satonda Crater Lake, Indonesia: Reply. <i>Journal of Sedimentary Research</i> , 2004, 74, 318-325.	0.8	16

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91	Euzkadiella erenoensis n. gen. n. sp. ein stromatopore mit spikulÄrem skelett aus dem oberapt von ereÄ±o (prov. guipuzcoa, nordspanien) und die systematische stellung der stromatoporen. Palaontologische Zeitschrift, 1987, 61, 203-222.	0.8	15
92	Systematics and phylogenetic implications of the haplosclerid stromatoporoid <i>Newellia mira</i> nov. gen.. Lethaia, 1989, 22, 85-93.	0.6	15
93	Unusual Deep Water sponge assemblage in South ChinaÄ±Witness of the end-Ordovician mass extinction. Scientific Reports, 2015, 5, 16060.	1.6	15
94	Opening up a window into ecosystems with Ediacara-type organisms: preservation of molecular fossils in the Khatyspyt LagerstÄtte (Arctic Siberia). Palaontologische Zeitschrift, 2016, 90, 659-671.	0.8	15
95	Tracing the fate of steroids through a hypersaline microbial mat (Kiritimati, Kiribati/Central Pacific). Geobiology, 2018, 16, 307-318.	1.1	15
96	Calcifying extracellular mucus substances (EMS) of Madrepora oculata Ä± a first geobiological approach. , 2005, , 731-744.		15
97	Bacteriohopanepolyols in a stratified cyanobacterial mat from Kiritimati (Christmas Island, Kiribati). Organic Geochemistry, 2013, 55, 55-62.	0.9	14
98	A Comparative Study of the Diagenesis in Diapir-Influenced Reef Atolls and a Fault Block Reef Platform in the Late Albian of the Vasco-Cantabrian Basin (Northern Spain). , 1986, , 186-209.		14
99	Terrestrial mud volcanoes of the Salse di Nirano (Italy) as a window into deeply buried organic-rich shales of Plio-Pleistocene age. Sedimentary Geology, 2012, 263-264, 202-209.	1.0	13
100	Detection of Metabolic Key Enzymes of Methane Turnover Processes in Cold Seep Microbial Biofilms. Geomicrobiology Journal, 2013, 30, 214-227.	1.0	13
101	Methane-derived carbonate conduits from the late Aptian of Salinac (Marne Bleues, Vocontian Basin,) Tj ETQq1 1 0,784314 rgBT /Ov	1.5	13
102	The Jinxian Biota revisited: taphonomy and body plan of the Neoproterozoic discoid fossils from the southern Liaodong Peninsula, North China. Palaontologische Zeitschrift, 2016, 90, 205-224.	0.8	13
103	Phylogenetic Aspects and New Descriptions of Spicule-Bearing Hadromerid Sponges with a Secondary Calcareous Skeleton (Tetractinomorpha, Demospongiae). , 1991, , 179-211.		13
104	Cold-water corals and hydrocarbon-rich seepage in Pompeia Province (Gulf of CÄ±diz) Ä± living on the edge. Biogeosciences, 2019, 16, 1607-1627.	1.3	12
105	Organomineralization. , 2004, , 195-212.		12
106	Palaeoecology of new fossil associations from the Cipit boulders, St. Cassian Formation (LadinianÄ±Carnian, MiddleÄ±Upper Triassic; Dolomites, NE Italy). Palaontologische Zeitschrift, 2016, 90, 243-269.	0.8	11
107	Sterol preservation in hypersaline microbial mats. Biogeosciences, 2020, 17, 649-666.	1.3	11
108	Ooids forming in situ within microbial mats (Kiritimati atoll, central Pacific). Palaontologische Zeitschrift, 2021, 95, 809-821.	0.8	11

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109	An example for black shale development on a carbonate platform (late Triassic, Seefeld, Austria). <i>Facies</i> , 2001, 45, 203-210.	0.7	10
110	Assessing Possibilities and Limitations for Biomarker Analyses on Outcrop Samples: A Case Study on Carbonates of the Shibantan Member (Ediacaran Period, Dengying Formation, South China). <i>Acta Geologica Sinica</i> , 2014, 88, 1696-1704.	0.8	10
111	Siboglinidae Tubes as an Additional Niche for Microbial Communities in the Gulf of Cádiz: A Microscopical Appraisal. <i>Microorganisms</i> , 2020, 8, 367.	1.6	10
112	Late Anisian microbial mats in the Germanic Basin: aftermath of the Permian-Triassic crisis. <i>Lethaia</i> , 2021, 54, 823-844.	0.6	10
113	Geomicrobiology of Fluid Venting Structures at the Salse di Nirano Mud Volcano Area in the Northern Apennines (Italy). <i>Lecture Notes in Earth Sciences</i> , 2011, , 209-220.	0.5	10
114	Biofilms. <i>Encyclopedia of Earth Sciences Series</i> , 2011, , 134-135.	0.1	9
115	Cyanobacterial Mats in Calcite-Precipitating Serpentinite-Hosted Alkaline Springs of the Voltri Massif, Italy. <i>Microorganisms</i> , 2021, 9, 62.	1.6	9
116	Acanthochaetidae (Hadromerida, Demospongiae) from the Coniacian of Vera de Bidasoa (Basque). <i>Journal of Paleontology</i> , 2017, 91, 1-3.	0.7	8
117	Frutaxites. <i>Encyclopedia of Earth Sciences Series</i> , 2011, , 396-401.	0.1	8
118	Deposition of Biogenic Iron Minerals in a Methane Oxidizing Microbial Mat. <i>Archaea</i> , 2013, 2013, 1-8.	2.3	8
119	An unusual ferruginous-calcitic Frutaxites microbialite community from the lower Cambrian of the Flinders Ranges, South Australia. <i>Palaontologische Zeitschrift</i> , 2017, 91, 1-3.	0.8	8
120	Three-dimensionally preserved stem-group hexactinellid sponge fossils from lower Cambrian (Stage 2) phosphorites of China. <i>Palaontologische Zeitschrift</i> , 2019, 93, 187-194.	0.8	8
121	Paleoenvironmental reconstruction of microbial mud mound derived boulders from gravity-flow polymictic megabreccias (Visean, SW Spain). <i>Sedimentary Geology</i> , 2012, 263-264, 157-173.	1.0	7
122	An Imaging Mass Spectrometry Study on the Formation of Conditioning Films and Biofilms in the Subsurface (Åspö Hard Rock Laboratory, SE Sweden). <i>Geomicrobiology Journal</i> , 2015, 32, 197-206.	1.0	7
123	Carbonization in Titan Tholins: implication for low albedo on surfaces of Centaurs and trans-Neptunian objects. <i>International Journal of Astrobiology</i> , 2016, 15, 231-238.	0.9	7
124	Chambered structures from the Ediacaran Dengying Formation, Yunnan, China: comparison with the Cryogenian analogues and their microbial interpretation. <i>Geological Magazine</i> , 2017, 154, 1269-1284.	0.9	7
125	The taphonomic fate of isorenieratene in Lower Jurassic shales controlled by iron?. <i>Geobiology</i> , 2018, 16, 237-251.	1.1	7
126	Four new fossil associations identified in the Cipit boulders from the St. Cassian Formation (Ladinian-Carnian; Dolomites, NE Italy). <i>Palaontologische Zeitschrift</i> , 2018, 92, 535-556.	0.8	7

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127	Massive cryptic microbe-sponge deposits in a Devonian fore-reef slope (Elbingerode Reef Complex, Harz) Tj ETQq1 1 0.784314 rgBT / Overl	0.8	7
128	Habitability of the early Earth: liquid water under a faint young Sun facilitated by strong tidal heating due to a closer Moon. <i>Palaontologische Zeitschrift</i> , 2021, 95, 563-575.	0.8	7
129	Organic Compounds and Conditioning Films Within Deep Rock Fractures of the Å„spÅ† Hard Rock Laboratory, Sweden. <i>Geomicrobiology Journal</i> , 2015, 32, 231-242.	1.0	6
130	Vauxiids as descendants of archaeocyaths: a hypothesis. <i>Lethaia</i> , 2021, 54, 700-710.	0.6	6
131	<i>Tolypammina gregaria</i> Wendt 1969-Frutexites Assemblage and Ferromanganese Crusts: A Coupled Nutrient-Metal Interplay in the Carnian Sedimentary Condensed Record of Hallstatt Facies (Austria). <i>Lecture Notes in Earth Sciences</i> , 2011, , 409-434.	0.5	6
132	Oldest known fossil of Rossellids (Hexactinellida, Porifera) from the Ordovicianâ€“Silurian transition of Anhui, South China. <i>Palaontologische Zeitschrift</i> , 2019, 93, 559-566.	0.8	5
133	Numerical analyses of selected microencrusters from the Cipit boulders of the St Cassian Formation (Dolomites, NE Italy): palaeoecological implications. <i>Lethaia</i> , 2019, 52, 285-297.	0.6	5
134	Revisiting the phosphorite deposit of Fontanarejo (central Spain): new window into the early Cambrian evolution of sponges and the microbial origin of phosphorites. <i>Geological Magazine</i> , 2022, 159, 1220-1239.	0.9	5
135	Indigenous demosponge spicules in a Late Devonian stromatoporoid basal skeleton from the Frasnian of Belgium. <i>Lethaia</i> , 2014, 47, 365-375.	0.6	4
136	Scanning Hard X-ray Microscopy Imaging Modalities for Geobiological Samples. <i>Geomicrobiology Journal</i> , 2015, 32, 380-383.	1.0	4
137	Architecture of Archaeal-Dominated Microbial Mats from Cold Seeps in the Black Sea (Dnjepr Canyon,) Tj ETQq1 1 0.784314 rgBT / Overl	0.3	4
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