

Joachim Reitner

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5440119/publications.pdf>

Version: 2024-02-01

158
papers

7,593
citations

57719

44
h-index

60583

81
g-index

184
all docs

184
docs citations

184
times ranked

5415
citing authors

#	ARTICLE	IF	CITATIONS
1	A new stiodermatid (Hexactinellida, Porifera) from the latest Ordovician of Anhui, South China and its significance for searching the missing link between the Cambrian and late Palaeozoic stiodermatid lineage. <i>Historical Biology</i> , 2023, 35, 116-126.	0.7	1
2	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
3	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
4	Earth's oldest tsunami deposit? Early Archaean high-energy sediments in the <i>ca</i> 3.48 Ga Dresser Formation (Pilbara, Western Australia). <i>Depositional Record</i> , 2022, 8, 590-602.	0.8	2
5	Contrasting Modes of Carbonate Precipitation in a Hypersaline Microbial Mat and Their Influence on Biomarker Preservation (Kiritimati, Central Pacific). <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 267.	0.8	2
6	Palaeoecological Implications of Lower-Middle Triassic Stromatolites and Microbe-Metazoan Build-Ups in the Germanic Basin: Insights into the Aftermath of the Permian-Triassic Crisis. <i>Geosciences (Switzerland)</i> , 2022, 12, 133.	1.0	4
7	New holozoans with cellular resolution from the early Ediacaran Weng'an Biota, SW China. <i>Journal of the Geological Society</i> , 2022, 179, .	0.9	0
8	Adaptive specialization of a unique sponge body from the Cambrian Qingjiang biota. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, .	1.2	4
9	Sedimentary factories and ecosystem change across the Permian-Triassic Critical Interval (P-TrCI): insights from the Xiakou area (South China). <i>Palaontologische Zeitschrift</i> , 2021, 95, 709-725.	0.8	2
10	From fossil associations to ecological communities: a case study from the Cipit boulders of the upper Ladinian-lower Carnian St Cassian Formation, Dolomites, NE Italy. <i>Lethaia</i> , 2021, 54, 166-184.	0.6	0
11	Ingredients for microbial life preserved in 3.5 billion-year-old fluid inclusions. <i>Nature Communications</i> , 2021, 12, 1101.	5.8	23
12	Vauxiids as descendants of archaeocyaths: a hypothesis. <i>Lethaia</i> , 2021, 54, 700-710.	0.6	6
13	Late Anisian microbe-metazoan build-ups in the Germanic Basin: aftermath of the Permian-Triassic crisis. <i>Lethaia</i> , 2021, 54, 823-844.	0.6	10
14	Massive cryptic microbe-sponge deposits in a Devonian fore-reef slope (Elbingerode Reef Complex, Harz) Tj ETQq0 0 0 rgBT /Overlock 10	0.8	10
15	Cyanobacterial Mats in Calcite-Precipitating Serpentinite-Hosted Alkaline Springs of the Voltri Massif, Italy. <i>Microorganisms</i> , 2021, 9, 62.	1.6	9
16	Ooids forming in situ within microbial mats (Kiritimati atoll, central Pacific). <i>Palaontologische Zeitschrift</i> , 2021, 95, 809-821.	0.8	11
17	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
18	A relict oasis of living deep-sea mussels <i>Bathymodiolus</i> and microbial-mediated seep carbonates at newly-discovered active cold seeps in the Gulf of Cádiz, NE Atlantic Ocean. <i>Palaontologische Zeitschrift</i> , 2021, 95, 793-807.	0.8	2

#	ARTICLE	IF	CITATIONS
19	Triple oxygen isotopes of cherts through time. <i>Chemical Geology</i> , 2020, 554, 119789.	1.4	32
20	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
21	Metagenome-Assembled Genome Sequences from an Anoxygenic Photosynthetic Consortium Involved in Sulfur Cycling. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.3	0
22	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
23	Sterol preservation in hypersaline microbial mats. <i>Biogeosciences</i> , 2020, 17, 649-666.	1.3	11
24	First microbial-archaeocyathan boundstone record from early Cambrian erratic cobbles in glacial diamictite deposits of Namibia (Dwyka Group, Carboniferous). <i>Journal of Systematic Palaeontology</i> , 2019, 17, 881-910.	0.6	3
25	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
26	Oldest known fossil of Rossellids (Hexactinellida, Porifera) from the Ordovician–Silurian transition of Anhui, South China. <i>Palaontologische Zeitschrift</i> , 2019, 93, 559-566.	0.8	5
27	Cold-water corals and hydrocarbon-rich seepage in Pompeia Province (Gulf of Cádiz) – living on the edge. <i>Biogeosciences</i> , 2019, 16, 1607-1627.	1.3	12
28	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
29	Composition, Diversity and Functional Analysis of the Modern Microbiome of the Middle Triassic Cava Superiore Beds (Monte San Giorgio, Switzerland). <i>Scientific Reports</i> , 2019, 9, 20394.	1.6	1
30	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
31	The taphonomic fate of isorenieratene in Lower Jurassic shales – controlled by iron?. <i>Geobiology</i> , 2018, 16, 237-251.	1.1	7
32	Tracing the fate of steroids through a hypersaline microbial mat (Kiritimati, Kiribati/Central Pacific). <i>Geobiology</i> , 2018, 16, 307-318.	1.1	15
33	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
34	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
35	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
36	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

#	ARTICLE	IF	CITATIONS
37	An unusual ferruginous-calcitic Frutexites microbialite community from the lower Cambrian of the Flinders Ranges, South Australia. <i>Palaontologische Zeitschrift</i> , 2017, 91, 1-3.	0.8	8
38	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
39	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
40	Frutexites-like structures formed by iron oxidizing biofilms in the continental subsurface (Å,,spÅ¶ Hard) Tj ETQq0 0 0 ,rgBT /Overlock 10 T	1.1	29
41	Reptonoditrypa cautica, briozoo incrustante de los olistolitos Cipit de la Formaci3n San Cassiano (TriÅ¡ico, Ladiniano/Carniano; NE de Italia) y sus implicaciones paleoecol3gicas. <i>Boletin De La Sociedad Geologica Mexicana</i> , 2017, 69, 409-420.	0.1	4
42	“Stromatolites” built by sponges and microbes “ a new type of Phanerozoic bioconstruction. <i>Lethaia</i> , 2016, 49, 555-570.	0.6	40
43	Editorial: special issue “Palaeobiology and Fossil LagerstÄtten: a tribute and memorial to Adolf Seilacher”. <i>Palaontologische Zeitschrift</i> , 2016, 90, 189-189.	0.8	0
44	Preface: special issue “Palaeobiology and Fossil LagerstÄtten: a tribute and memorial to Adolf Seilacher”. <i>Palaontologische Zeitschrift</i> , 2016, 90, 191-192.	0.8	1
45	Palaeoecology of new fossil associations from the Cipit boulders, St. Cassian Formation (Ladinian“Carnian, Middle“Upper Triassic; Dolomites, NE Italy). <i>Palaontologische Zeitschrift</i> , 2016, 90, 243-269.	0.8	11
46	Opening up a window into ecosystems with Ediacara-type organisms: preservation of molecular fossils in the Khatyspyt LagerstÄtte (Arctic Siberia). <i>Palaontologische Zeitschrift</i> , 2016, 90, 659-671.	0.8	15
47	Early life processes: A geo- and astrobiological approach. <i>International Journal of Astrobiology</i> , 2016, 15, 161-163.	0.9	1
48	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
49	The Jinxian Biota revisited: taphonomy and body plan of the Neoproterozoic discoid fossils from the southern Liaodong Peninsula, North China. <i>Palaontologische Zeitschrift</i> , 2016, 90, 205-224.	0.8	13
50	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
51	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
52	Unusual Deep Water sponge assemblage in South China“Witness of the end-Ordovician mass extinction. <i>Scientific Reports</i> , 2015, 5, 16060.	1.6	15
53	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
54	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

#	ARTICLE	IF	CITATIONS
55	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
56	Methane-derived carbonate conduits from the late Aptian of Salinac (Marne Bleues, Vocontian Basin,) <i>Tj ETQq0 0 0 rgBT /Overlock 10</i>	1.5	13
57	Isolation of Anaerobic Bacteria from Terrestrial Mud Volcanoes (Salse di Nirano, Northern Apennines,) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i>	1.0	21
58	Organic Compounds and Conditioning Films Within Deep Rock Fractures of the Åspå Hard Rock Laboratory, Sweden. <i>Geomicrobiology Journal</i> , 2015, 32, 231-242.	1.0	6
59	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
60	Introduction to the Special Issue “Geobiology of Organo- and Biofilms” <i>Geomicrobiology Journal</i> , 2015, 32, 195-196.	1.0	0
61	Scanning Hard X-ray Microscopy Imaging Modalities for Geobiological Samples. <i>Geomicrobiology Journal</i> , 2015, 32, 380-383.	1.0	4
62	An Imaging Mass Spectrometry Study on the Formation of Conditioning Films and Biofilms in the Subsurface (Åspå Hard Rock Laboratory, SE Sweden). <i>Geomicrobiology Journal</i> , 2015, 32, 197-206.	1.0	7
63	High Diversity of Culturable Prokaryotes in a Lithifying Hypersaline Microbial Mat. <i>Geomicrobiology Journal</i> , 2015, 32, 332-346.	1.0	46
64	Calcium dynamics in microbialite-forming exopolymer-rich mats on the atoll of Kiribati, Republic of Kiribati, Central Pacific. <i>Geobiology</i> , 2015, 13, 170-180.	1.1	30
65	Paleoenvironmental reconstruction of a downslope accretion history: From coralg-al-coraline sponge rubble to mud mound deposits (Eocene, Ainsa Basin, Spain). <i>Sedimentary Geology</i> , 2015, 330, 16-31.	1.0	2
66	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
67	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
68	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
69	Geobiology of a palaeoecosystem with Ediacara-type fossils: The Shibantan Member (Dengying) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i>	1.2	46
70	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
71	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
72	Detection of Metabolic Key Enzymes of Methane Turnover Processes in Cold Seep Microbial Biofilms. <i>Geomicrobiology Journal</i> , 2013, 30, 214-227.	1.0	13

#	ARTICLE	IF	CITATIONS
73	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
74	Bacteriohopanepolyols in a stratified cyanobacterial mat from Kiritimati (Christmas Island, Kiribati). <i>Organic Geochemistry</i> , 2013, 55, 55-62.	0.9	14
75	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
76	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
77	Archaea in Past and Present Geobiochemical Processes and Elemental Cycles. <i>Archaea</i> , 2013, 2013, 1-2.	2.3	3
78	Deposition of Biogenic Iron Minerals in a Methane Oxidizing Microbial Mat. <i>Archaea</i> , 2013, 2013, 1-8.	2.3	8
79	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
80	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
81	Ancient microbial activity recorded in fracture fillings from granitic rocks (Å„spÅ¶ Hard Rock) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.1	24
82	Paleoecology of microencrusts and encrusting â€œcorallineâ€ 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
83	Terrestrial mud volcanoes of the Salse di Nirano (Italy) as a window into deeply buried organic-rich shales of Plio-Pleistocene age. <i>Sedimentary Geology</i> , 2012, 263-264, 202-209.	1.0	13
84	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
85	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
86	An Upper Turonian fine-grained shallow marine stromatolite bed from the MuÃ±ecas Formation, Northern Iberian Ranges, Spain. <i>Sedimentary Geology</i> , 2012, 263-264, 96-108.	1.0	17
87	Frutexites. <i>Encyclopedia of Earth Sciences Series</i> , 2011, , 396-401.	0.1	8
88	Trace Element and Biomarker Signatures in Iron-Precipitating Microbial Mats from the Tunnel of Å„spÅ¶ (Sweden). <i>Lecture Notes in Earth Sciences</i> , 2011, , 221-231.	0.5	1
89	Ectomycorrhizas from a Lower Eocene angiosperm forest. <i>New Phytologist</i> , 2011, 192, 988-996.	3.5	47
90	Precious coral and rock sponge gardens on the deep aphotic fore-reef of Osprey Reef (Coral Sea,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.9	2

#	ARTICLE	IF	CITATIONS
91	A horizontal gene transfer supported the evolution of an early metazoan biomineralization strategy. <i>BMC Evolutionary Biology</i> , 2011, 11, 238.	3.2	52
92	Microbial Mats. <i>Encyclopedia of Earth Sciences Series</i> , 2011, , 606-608.	0.1	18
93	Biofilms. <i>Encyclopedia of Earth Sciences Series</i> , 2011, , 134-135.	0.1	9
94	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
95	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, , 355-390.	0.5	19
96	<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
97	Micro-framework reconstruction from peloidal-dominated mud mounds (Visián, SW Spain). <i>Facies</i> , 2010, 56, 139-156.	0.7	17
98	Architecture of Archaeal-Dominated Microbial Mats from Cold Seeps in the Black Sea (Dnjepr Canyon, Tj ETQq0 0 0 rgBT /Overlock 10 T	0.8	4
99	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
100	Methane-related microbial gypsum calcitization in stromatolites of a marine evaporative setting (MÄnder Formation, Upper Jurassic, Hils Syncline, north Germany). <i>Sedimentology</i> , 2008, 55, 1227-1251.	1.6	20
101	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
102	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
103	Phylogeny and Evolution of Glass Sponges (Porifera, Hexactinellida). <i>Systematic Biology</i> , 2008, 57, 388-405.	2.7	132
104	Bacterial Colonization and Weathering of Terrestrial Obsidian in Iceland. <i>Geomicrobiology Journal</i> , 2008, 25, 25-37.	1.0	49
105	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
106	Sponge Paleogenomics Reveals an Ancient Role for Carbonic Anhydrase in Skeletogenesis. <i>Science</i> , 2007, 316, 1893-1895.	6.0	111
107	A LATE DEVONIAN HYDROCARBON-SEEP DEPOSIT DOMINATED BY DIMERELLOID BRACHIOPODS, MOROCCO. <i>Palaios</i> , 2007, 22, 114-122.	0.6	77
108	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

#	ARTICLE	IF	CITATIONS
109	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
110	Sponge communities from the Lower Liassic of Adnet (Northern Calcareous Alps, Austria). <i>Facies</i> , 2005, 51, 385-404.	0.7	31
111	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
112	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
113	Concretionary methane-seep carbonates and associated microbial communities in Black Sea sediments. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2005, 227, 18-30.	1.0	155
114	An Anaerobic World in Sponges. <i>Geomicrobiology Journal</i> , 2005, 22, 1-10.	1.0	198
115	Calcifying extracellular mucus substances (EMS) of <i>Madrepora oculata</i> – a first geobiological approach. , 2005, , 731-744.		15
116	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
117	Ancient Fungal Life in North Pacific Eocene Oceanic Crust. <i>Geomicrobiology Journal</i> , 2004, 21, 241-246.	1.0	81
118	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
119	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
120	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
121	Organomineralization. , 2004, , 195-212.		12
122	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
123	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
124	Microbialite Formation in Seawater of Increased Alkalinity, Satonda Crater Lake, Indonesia. <i>Journal of Sedimentary Research</i> , 2003, 73, 105-127.	0.8	192
125	Non-Lithistid Fossil Demospongiae – Origins of their Palaeobiodiversity and Highlights in History of Preservation. , 2002, , 52-68.		85
126	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

#	ARTICLE	IF	CITATIONS
127	A new straight-chain hydrocarbon biomarker associated with anaerobic methane cycling. <i>Organic Geochemistry</i> , 2001, 32, 1019-1023.	0.9	45
128	Evidence of organic structures in Ediacara-type fossils and associated microbial mats. <i>Geology</i> , 2001, 29, 1119.	2.0	98
129	Soluble proteins control growth of skeleton crystals in three coralline demosponges. <i>Facies</i> , 2001, 45, 195-201.	0.7	18
130	An example for black shale development on a carbonate platform (late Triassic, Seefeld, Austria). <i>Facies</i> , 2001, 45, 203-210.	0.7	10
131	Non-rigid cryptic sponges in oyster patch reefs (Lower Kimmeridgian, Langenberg/Oker, Germany). <i>Facies</i> , 2001, 45, 231-254.	0.7	32
132	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
133	Methane-derived carbonates and authigenic pyrite from the northwestern Black Sea. <i>Marine Geology</i> , 2001, 177, 129-150.	0.9	404
134	Photosynthesis-Induced Biofilm Calcification and Calcium Concentrations in Phanerozoic Oceans. <i>Science</i> , 2001, 292, 1701-1704.	6.0	437
135	Organomineralization of cirratulid annelid tubes-fossil and recent examples. <i>Facies</i> , 2000, 42, 35-49.	0.7	37
136	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
137	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
138	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
139	Calcification in cyanobacterial biofilms of alkaline salt lakes. <i>European Journal of Phycology</i> , 1999, 34, 393-403.	0.9	139
140	Cold seep deposits of Beauvoisin (Oxfordian; southeastern France) and Marmorito (Miocene); Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 1999, 88, 60-75.	0.9	214
141	Highly isotopically depleted isoprenoids: molecular markers for ancient methane venting. <i>Geochimica Et Cosmochimica Acta</i> , 1999, 63, 3959-3966.	1.6	232
142	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
143	Biomarker studies on microbial carbonates: Extractable lipids of a Calcifying Cyanobacterial mat (Everglades, USA). <i>Facies</i> , 1997, 36, 163-172.	0.7	44
144	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

#	ARTICLE	IF	CITATIONS
145	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
146	Mud mounds: A polygenetic spectrum of fine-grained carbonate buildups. <i>Facies</i> , 1995, 32, 1-69.	0.7	126
147	Cenomanian/Turonian sponge microbialite deep-water hardground community (Liencrees, Northern Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	0.7	72
148	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
149	Facies belts and communities of the arctic Vesterisbanken Seamount (Central Greenland Sea). <i>Facies</i> , 1992, 27, 71-103.	0.7	56
150	Phylogenetic Aspects and New Descriptions of Spicule-Bearing Hadromerid Sponges with a Secondary Calcareous Skeleton (Tetractinomorpha, Demospongiae). , 1991, , 179-211.		13
151	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
152	Systematics and phylogenetic implications of the haplosclerid stromatoporoid <i>Newellia mira</i> nov. gen.. <i>Lethaia</i> , 1989, 22, 85-93.	0.6	15
153	<i>Euzkadiella erenoensis</i> n. gen. n. sp. ein stromatopore mit spikulÄrem skelett aus dem oberapt von ereÄ±o (prov. guipuzcoa, nordspanien) und die systematische stellung der stromatoporen. <i>Palaontologische Zeitschrift</i> , 1987, 61, 203-222.	0.8	15
154	Skeletal structures and habitats of Recent and fossil <i>Acanthochaetetes</i> (subclass Tetractinomorpha,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.9	47
155	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
156	<i>Acanthochaetetidae</i> (Hadromerida, Demospongiae) from the Coniacian of Vera de Bidasoa (basque) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.7	8
157	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
158	Fungi in subterranean environments. , 0, , 377-403.		21