

Anders Meibom

List of Publications by Year in descending order

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169
papers

11,890
citations

23544

58
h-index

30894

102
g-index

174
all docs

174
docs citations

174
times ranked

9410
citing authors

#	ARTICLE	IF	CITATIONS
1	Kleptoplast distribution, photosynthetic efficiency and sequestration mechanisms in intertidal benthic foraminifera. <i>ISME Journal</i> , 2022, 16, 822-832.	4.4	11
2	Heat stress reduces the contribution of diazotrophs to coral holobiont nitrogen cycling. <i>ISME Journal</i> , 2022, 16, 1110-1118.	4.4	21
3	Diffusion anisotropy of Ti in zircon and implications for Ti-in-zircon thermometry. <i>Earth and Planetary Science Letters</i> , 2022, 578, 117317.	1.8	15
4	Fast and pervasive diagenetic isotope exchange in foraminifera tests is species-dependent. <i>Nature Communications</i> , 2022, 13, 113.	5.8	9
5	High light quantity suppresses locomotion in symbiotic <i>Aiptasia</i> . <i>Symbiosis</i> , 2022, 86, 293-304.	1.2	5
6	Surface Topography, Bacterial Carrying Capacity, and the Prospect of Microbiome Manipulation in the Sea Anemone Coral Model <i>Aiptasia</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 637834.	1.5	21
7	Fast and pervasive transcriptomic resilience and acclimation of extremely heat-tolerant coral holobionts from the northern Red Sea. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	63
8	Following spatial $\text{A}\beta^2$ aggregation dynamics in evolving Alzheimer's disease pathology by imaging stable isotope labeling kinetics. <i>Science Advances</i> , 2021, 7, .	4.7	22
9	Species-specific foraminiferal ultrastructures modulate surfaces available for diagenesis. <i>Microscopy and Microanalysis</i> , 2021, 27, 274-275.	0.2	1
10	Oxygen diffusion in garnet: experimental calibration and implications for timescales of metamorphic processes and retention of primary O isotopic signatures. <i>American Mineralogist</i> , 2021, , .	0.9	0
11	Photosynthesis from stolen chloroplasts can support sea slug reproductive fitness. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20211779.	1.2	15
12	Heat stress destabilizes symbiotic nutrient cycling in corals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	179
13	A modern scleractinian coral with a two-component calcite "aragonite skeleton. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	22
14	Coalescence and directed anisotropic growth of starch granule initials in subdomains of <i>Arabidopsis thaliana</i> chloroplasts. <i>Nature Communications</i> , 2021, 12, 6944.	5.8	21
15	Heterotrophy in the earliest gut: a single-cell view of heterotrophic carbon and nitrogen assimilation in sponge-microbe symbioses. <i>ISME Journal</i> , 2020, 14, 2554-2567.	4.4	72
16	Functional kleptoplasts intermediate incorporation of carbon and nitrogen in cells of the <i>Sacoglossa</i> sea slug <i>Elysia viridis</i> . <i>Scientific Reports</i> , 2020, 10, 10548.	1.6	17
17	Correlation of fluorescence microscopy, electron microscopy, and NanoSIMS stable isotope imaging on a single tissue section. <i>Communications Biology</i> , 2020, 3, 362.	2.0	31
18	Using Modern Conservation Tools for Innovative Management of Coral Reefs: The MANACO Consortium. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	6

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19	Heterotrophic Foraminifera Capable of Inorganic Nitrogen Assimilation. <i>Frontiers in Microbiology</i> , 2020, 11, 604979.	1.5	5
20	Ammonium is the preferred source of nitrogen for planktonic foraminifer and their dinoflagellate symbionts. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20200620.	1.2	21
21	Intracellular competition for nitrogen controls dinoflagellate population density in corals. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20200049.	1.2	41
22	Tracking the cargo of extracellular symbionts into host tissues with correlated electron microscopy and nanoscale secondary ion mass spectrometry imaging. <i>Cellular Microbiology</i> , 2020, 22, e13177.	1.1	7
23	Science, Diplomacy, and the Red Sea's Unique Coral Reef: It's Time for Action. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	34
24	Subcellular imaging shows reduced photosynthetic carbon and increased nitrogen assimilation by the non-native endosymbiont <i>Durusdinium trenchii</i> in the model cnidarian <i>Aiptasia</i> . <i>Environmental Microbiology</i> , 2020, 22, 3741-3753.	1.8	22
25	A method to disentangle and quantify host anabolic turnover in photosymbiotic holobionts with subcellular resolution. <i>Communications Biology</i> , 2020, 3, 14.	2.0	14
26	Combined deletion of Glut1 and Glut3 impairs lung adenocarcinoma growth. <i>ELife</i> , 2020, 9, .	2.8	18
27	Amoebocytes facilitate efficient carbon and nitrogen assimilation in the <i>Cassiopea</i> -Symbiodiniaceae symbiosis. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20202393.	1.2	11
28	Developmental carry over effects of ocean warming and acidification in corals from a potential climate refugium, Gulf of Aqaba. <i>Journal of Experimental Biology</i> , 2019, 222, .	0.8	16
29	Generalized size scaling of metabolic rates based on single-cell measurements with freshwater phytoplankton. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 17323-17329.	3.3	16
30	<i>Vibrio coralliilyticus</i> infection triggers a behavioural response and perturbs nutritional exchange and tissue integrity in a symbiotic coral. <i>ISME Journal</i> , 2019, 13, 989-1003.	4.4	27
31	<i>In vitro</i> and <i>in vivo</i> characterization of <i>Clostridium scindens</i> bile acid transformations. <i>Gut Microbes</i> , 2019, 10, 481-503.	4.3	70
32	Cellular Uptake and Intracellular Trafficking of Poly(<i>N</i> -(2-Hydroxypropyl) Methacrylamide). <i>Biomacromolecules</i> , 2019, 20, 231-242.	2.6	8
33	Kleptoplastidic benthic foraminifera from aphotic habitats: insights into assimilation of inorganic C, N and S studied with subcellular resolution. <i>Environmental Microbiology</i> , 2019, 21, 125-141.	1.8	41
34	Substrate and electron donor limitation induce phenotypic heterogeneity in different metabolic activities in a green sulphur bacterium. <i>Environmental Microbiology Reports</i> , 2018, 10, 179-183.	1.0	23
35	Using NanoSIMS coupled with microfluidics to visualize the early stages of coral infection by <i>Vibrio coralliilyticus</i> . <i>BMC Microbiology</i> , 2018, 18, 39.	1.3	20
36	Innovative TEM-coupled approaches to study foraminiferal cells. <i>Marine Micropaleontology</i> , 2018, 138, 90-104.	0.5	15

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37	An overview of cellular ultrastructure in benthic foraminifera: New observations of rotalid species in the context of existing literature. <i>Marine Micropaleontology</i> , 2018, 138, 12-32.	0.5	33
38	Reply to 'No substantial long-term bias in the Cenozoic benthic foraminifera oxygen-isotope record'. <i>Nature Communications</i> , 2018, 9, 2874.	5.8	1
39	Assimilation, translocation, and utilization of carbon between photosynthetic symbiotic dinoflagellates and their planktic foraminifera host. <i>Marine Biology</i> , 2018, 165, 1.	0.7	26
40	Inorganic carbon and nitrogen assimilation in cellular compartments of a benthic kleptoplastic foraminifer. <i>Scientific Reports</i> , 2018, 8, 10140.	1.6	45
41	A NanoSIMS Investigation on Timescales Recorded in Volcanic Quartz From the Silicic Chon Aike Province (Patagonia). <i>Frontiers in Earth Science</i> , 2018, 6, .	0.8	12
42	Short-Term Thermal Acclimation Modifies the Metabolic Condition of the Coral Holobiont. <i>Frontiers in Marine Science</i> , 2018, 5, .	1.2	33
43	Temperature and feeding induce tissue level changes in autotrophic and heterotrophic nutrient allocation in the coral symbiosis – A NanoSIMS study. <i>Scientific Reports</i> , 2018, 8, 12710.	1.6	47
44	Ultrastructure and distribution of kleptoplasts in benthic foraminifera from shallow-water (photic) habitats. <i>Marine Micropaleontology</i> , 2018, 138, 46-62.	0.5	49
45	Aragonitic scleractinian corals in the Cretaceous calcitic sea. <i>Geology</i> , 2017, 45, 319-322.	2.0	16
46	Application of imaging mass spectrometry approaches to facilitate metal-based anticancer drug research. <i>Metallomics</i> , 2017, 9, 365-381.	1.0	54
47	Microplastics as vectors for environmental contaminants: Exploring sorption, desorption, and transfer to biota. <i>Integrated Environmental Assessment and Management</i> , 2017, 13, 488-493.	1.6	443
48	Common reef-building coral in the Northern Red Sea resistant to elevated temperature and acidification. <i>Royal Society Open Science</i> , 2017, 4, 170038.	1.1	113
49	Nano Secondary Ion Mass Spectrometry Imaging of Dopamine Distribution Across Nanometer Vesicles. <i>ACS Nano</i> , 2017, 11, 3446-3455.	7.3	91
50	Burial-induced oxygen-isotope re-equilibration of fossil foraminifera explains ocean paleotemperature paradoxes. <i>Nature Communications</i> , 2017, 8, 1134.	5.8	48
51	Differences in cisplatin distribution in sensitive and resistant ovarian cancer cells: a TEM/NanoSIMS study. <i>Metallomics</i> , 2017, 9, 1413-1420.	1.0	34
52	The Differential Distribution of RAPTA-T in Non-Invasive and Invasive Breast Cancer Cells Correlates with Its Anti-Invasive and Anti-Metastatic Effects. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1869.	1.8	25
53	Weekly to monthly time scale of melt inclusion entrapment prior to eruption recorded by phosphorus distribution in olivine from mid-ocean ridges. <i>Geology</i> , 2017, 45, 1059-1062.	2.0	25
54	Surviving anoxia in marine sediments: The metabolic response of ubiquitous benthic foraminifera (<i>Ammonia tepida</i>). <i>PLoS ONE</i> , 2017, 12, e0177604.	1.1	57

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55	A new passive system for contamination-free long-distance cryo-transfer of biological tissues. IOP Conference Series: Materials Science and Engineering, 2017, 278, 012123.	0.3	0
56	Evidence for Rhythmicity Pacemaker in the Calcification Process of Scleractinian Coral. Scientific Reports, 2016, 6, 20191.	1.6	13
57	A unique coral biomineralization pattern has resisted 40 million years of major ocean chemistry change. Scientific Reports, 2016, 6, 27579.	1.6	18
58	Cell proliferation and migration during early development of a symbiotic scleractinian coral. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20160206.	1.2	9
59	Nutritional input from dinoflagellate symbionts in reef-building corals is minimal during planula larval life stage. Science Advances, 2016, 2, e1500681.	4.7	43
60	Photosymbiosis and the expansion of shallow-water corals. Science Advances, 2016, 2, e1601122.	4.7	65
61	Phenotypic heterogeneity driven by nutrient limitation promotes growth in fluctuating environments. Nature Microbiology, 2016, 1, 16055.	5.9	154
62	Short magmatic residence times of quartz phenocrysts in Patagonian rhyolites associated with Gondwana breakup. Geology, 2016, 44, 67-70.	2.0	23
63	Fine-Scale Skeletal Banding Can Distinguish Symbiotic from Asymbiotic Species among Modern and Fossil Scleractinian Corals. PLoS ONE, 2016, 11, e0147066.	1.1	25
64	A nanoscale secondary ion mass spectrometry study of dinoflagellate functional diversity in reef-building corals. Environmental Microbiology, 2015, 17, 3570-3580.	1.8	76
65	Morphology, microstructure, crystallography, and chemistry of distinct CaCO ₃ deposits formed by early recruits of the scleractinian coral <i>Pocillopora damicornis</i> . Journal of Morphology, 2015, 276, 1146-1156.	0.6	2
66	Phenotypic heterogeneity in metabolic traits among single cells of a rare bacterial species in its natural environment quantified with a combination of flow cell sorting and NanoSIMS. Frontiers in Microbiology, 2015, 06, 243.	1.5	72
67	Imaging the time-integrated cerebral metabolic activity with subcellular resolution through nanometer-scale detection of biosynthetic products deriving from ¹³ C-glucose. Journal of Chemical Neuroanatomy, 2015, 69, 7-12.	1.0	9
68	Subcellular Investigation of Photosynthesis-Driven Carbon Assimilation in the Symbiotic Reef Coral <i>Pocillopora damicornis</i> . MBio, 2015, 6, .	1.8	107
69	MALDI-MS and NanoSIMS imaging techniques to study cnidarian-dinoflagellate symbioses. Zoology, 2015, 118, 125-131.	0.6	21
70	NanoSIMS analysis of an isotopically labelled organometallic ruthenium(^{II}) drug to probe its distribution and state in vitro. Chemical Communications, 2015, 51, 16486-16489.	2.2	39
71	Imaging liver and brain glycogen metabolism at the nanometer scale. Nanomedicine: Nanotechnology, Biology, and Medicine, 2015, 11, 239-245.	1.7	20
72	Ultrascale and microscale growth dynamics of the cidaroid spine of <i>Phyllacanthus imperialis</i> revealed by ²⁶ Mg labeling and NanoSIMS isotopic imaging. Journal of Morphology, 2014, 275, 788-796.	0.6	15

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73	Biom mineralization in newly settled recruits of the scleractinian coral <i>Pocillopora damicornis</i> . Journal of Morphology, 2014, 275, 1349-1365.	0.6	27
74	Simultaneous extension of both basic microstructural components in scleractinian coral skeleton during night and daytime, visualized by in situ ⁸⁶ Sr pulse labeling. Journal of Structural Biology, 2014, 185, 79-88.	1.3	21
75	Unusual Micrometric Calcite-Aragonite Interface in the Abalone Shell <i>Haliotis</i> (Mollusca). Tj ETQq1 1 0.784314 rgBT /Overlo 0.2 14	0.2	14
76	Simultaneous extension of both basic microstructural components in scleractinian coral skeleton during night and daytime, visualized by in situ ⁸⁶ Sr pulse labeling. Journal of Structural Biology, 2014, 185, 79-88.	1.3	7
77	Scleractinian coral cell proliferation is reduced in primary culture of suspended multicellular aggregates compared to polyps. Cytotechnology, 2013, 65, 705-724.	0.7	25
78	Micro-to nanostructure and geochemistry of extant crinoidal echinoderm skeletons. Geobiology, 2013, 11, 29-43.	1.1	29
79	¹⁵ N and ³⁰ SIMS: Technical Aspects and Applications in Cosmochemistry and Biological Geochemistry. Geostandards and Geoanalytical Research, 2013, 37, 111-154.	1.7	216
80	Highly Dynamic Cellular-Level Response of Symbiotic Coral to a Sudden Increase in Environmental Nitrogen. MBio, 2013, 4, e00052-13.	1.8	138
81	A new model for biomineralization and trace-element signatures of Foraminifera tests. Biogeosciences, 2013, 10, 6759-6767.	1.3	118
82	A single-cell view of ammonium assimilation in coral-dinoflagellate symbiosis. ISME Journal, 2012, 6, 1314-1324.	4.4	230
83	Stable carbon and oxygen isotope compositions of extant crinoidal echinoderm skeletons. Chemical Geology, 2012, 291, 132-140.	1.4	13
84	Skeletal growth dynamics linked to trace-element composition in the scleractinian coral <i>Pocillopora damicornis</i> . Geochimica Et Cosmochimica Acta, 2012, 99, 146-158.	1.6	50
85	Pulsed ⁸⁶ Sr-labeling and NanoSIMS imaging to study coral biomineralization at ultra-structural length scales. Coral Reefs, 2012, 31, 741-752.	0.9	32
86	Implications of in situ calcification for photosynthesis in a ~3.3Ga-old microbial biofilm from the Barberton greenstone belt, South Africa. Earth and Planetary Science Letters, 2011, 310, 468-479.	1.8	75
87	Calcareous sponge biomineralization: Ultrastructural and compositional heterogeneity of spicules in <i>Leuconia johnstoni</i> . Journal of Structural Biology, 2011, 173, 99-109.	1.3	17
88	²⁶ Mg labeling of the sea urchin regenerating spine: Insights into echinoderm biomineralization process. Journal of Structural Biology, 2011, 176, 119-126.	1.3	33
89	⁵³ Mn and ⁵³ Cr ages of Kaidun carbonates. Meteoritics and Planetary Science, 2011, 46, 275-283.	0.7	31
90	Study of the crystallographic architecture of corals at the nanoscale by scanning transmission X-ray microscopy and transmission electron microscopy. Ultramicroscopy, 2011, 111, 1268-1275.	0.8	59

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91	The ancient evolutionary origins of Scleractinia revealed by azooxanthellate corals. BMC Evolutionary Biology, 2011, 11, 316.	3.2	153
92	A unique skeletal microstructure of the deep-sea micrabaciid scleractinian corals. Journal of Morphology, 2011, 272, 191-203.	0.6	35
93	A Layered Structure in the Organic Envelopes of the Prismatic Layer of the Shell of the Pearl Oyster <i>Pinctada margaritifera</i> (Mollusca, Bivalvia). Microscopy and Microanalysis, 2010, 16, 91-98.	0.2	19
94	Skeletal growth, ultrastructure and composition of the azooxanthellate scleractinian coral <i>Balanophyllia regia</i> . Coral Reefs, 2010, 29, 175-189.	0.9	46
95	Nanotextures of aragonite in stromatolites from the quasi-marine Satonda crater lake, Indonesia. Geological Society Special Publication, 2010, 336, 211-224.	0.8	37
96	The origin of ^{60}Fe and other short-lived radionuclides in the early solar system. EAS Publications Series, 2010, 41, 301-311.	0.3	4
97	Diversity in the Archean Biosphere: New Insights from NanoSIMS. Astrobiology, 2010, 10, 413-424.	1.5	58
98	Uranium-series dating and growth characteristics of the deep-sea scleractinian coral: <i>Enallopsammia rostrata</i> from the Equatorial Pacific. Geochimica Et Cosmochimica Acta, 2010, 74, 2380-2395.	1.6	13
99	Physiological and isotopic responses of scleractinian corals to ocean acidification. Geochimica Et Cosmochimica Acta, 2010, 74, 4988-5001.	1.6	191
100	Extreme Deuterium Excesses in Ultracarbonaceous Micrometeorites from Central Antarctic Snow. Science, 2010, 328, 742-745.	6.0	160
101	The grinding tip of the sea urchin tooth exhibits exquisite control over calcite crystal orientation and Mg distribution. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 6048-6053.	3.3	161
102	Pristine extraterrestrial material with unprecedented nitrogen isotopic variation. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 10522-10527.	3.3	72
103	Effect of environmental conditions and skeletal ultrastructure on the Li isotopic composition of scleractinian corals. Earth and Planetary Science Letters, 2009, 286, 63-70.	1.8	61
104	NanoSIMS: Insights to biogenicity and syngeneity of Archaean carbonaceous structures. Precambrian Research, 2009, 173, 70-78.	1.2	84
105	Dynamics of sheet nacre formation in bivalves. Journal of Structural Biology, 2009, 165, 190-195.	1.3	59
106	Strontium- ^{86}Sr labeling experiments show spatially heterogeneous skeletal formation in the scleractinian coral <i>Porites porites</i> . Geophysical Research Letters, 2009, 36, .	1.5	38
107	Speciation of Mg in biogenic calcium carbonates. Journal of Physics: Conference Series, 2009, 190, 012175.	0.3	14
108	SUPERNOVA PROPAGATION AND CLOUD ENRICHMENT: A NEW MODEL FOR THE ORIGIN OF ^{60}Fe IN THE EARLY SOLAR SYSTEM. Astrophysical Journal, 2009, 694, L1-L5.	1.6	54

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109	PROTO-PLANETARY DISK CHEMISTRY RECORDED BY D-RICH ORGANIC RADICALS IN CARBONACEOUS CHONDRITES. <i>Astrophysical Journal</i> , 2009, 698, 2087-2092.	1.6	75
110	Nanostructural and Geochemical Features of the Jurassic Isocrinid Columnal Ossicles. <i>Acta Palaeontologica Polonica</i> , 2009, 54, 69-75.	0.4	22
111	Nanosims Opens a New Window for Deciphering Organic Matter in Terrestrial and Extraterrestrial Samples. <i>Cellular Origin and Life in Extreme Habitats</i> , 2009, , 3-23.	0.3	3
112	Structure and composition of the nacreâ€prisms transition in the shell of <i>Pinctada margaritifera</i> (Mollusca, Bivalvia). <i>Analytical and Bioanalytical Chemistry</i> , 2008, 390, 1659-1669.	1.9	75
113	Fine-scale growth patterns in coral skeletons: biochemical control over crystallization of aragonite fibres and assessment of early diagenesis. <i>Geological Society Special Publication</i> , 2008, 303, 87-96.	0.8	4
114	Compositional variations at ultra-structure length scales in coral skeleton. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 1555-1569.	1.6	116
115	The Rise and Fall of a Great Idea. <i>Science</i> , 2008, 319, 418-419.	6.0	10
116	The Origin of Shortâ€lived Radionuclides and the Astrophysical Environment of Solar System Formation. <i>Astrophysical Journal</i> , 2008, 680, 781-792.	1.6	91
117	The Oxygen Isotopic Composition of the Sun as a Test of the Supernova Origin of ²⁶ Al and ⁴¹ Ca. <i>Astrophysical Journal</i> , 2007, 664, L123-L125.	1.6	36
118	Nitrogen and Carbon Isotopic Composition of the Sun Inferred from a High-Temperature Solar Nebular Condensate. <i>Astrophysical Journal</i> , 2007, 656, L33-L36.	1.6	111
119	Light and temperature effects on Sr/Ca and Mg/Ca ratios in the scleractinian coral <i>Acropora</i> sp.. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 354-362.	1.6	87
120	Results from the Greenland Search for Meteorites expedition. <i>Meteoritics and Planetary Science</i> , 2007, 42, 1727-1733.	0.7	5
121	A Cretaceous Scleractinian Coral with a Calcitic Skeleton. <i>Science</i> , 2007, 318, 92-94.	6.0	78
122	Biological forcing controls the chemistry of reef-building coral skeleton. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	64
123	Correlation of boron isotopic composition with ultrastructure in the deepâ€sea coral <i>Lophelia pertusa</i> : Implications for biomineralization and paleoâ€pH. <i>Geochemistry, Geophysics, Geosystems</i> , 2007, 8, .	1.0	87
124	Observations of the tissue-skeleton interface in the scleractinian coral <i>Stylophora pistillata</i> . <i>Coral Reefs</i> , 2007, 26, 517-529.	0.9	112
125	Comet 81P/Wild 2 Under a Microscope. <i>Science</i> , 2006, 314, 1711-1716.	6.0	848
126	Mineralogy and Petrology of Comet 81P/Wild 2 Nucleus Samples. <i>Science</i> , 2006, 314, 1735-1739.	6.0	589

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127	Vital effects in coral skeletal composition display strict three-dimensional control. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	89
128	Organics Captured from Comet 81P/Wild 2 by the Stardust Spacecraft. <i>Science</i> , 2006, 314, 1720-1724.	6.0	519
129	Os isotope heterogeneity of the upper mantle: Evidence from the MayarÃ Baracoa ophiolite belt in eastern Cuba. <i>Earth and Planetary Science Letters</i> , 2006, 241, 466-476.	1.8	32
130	Identification and analysis of carbon-bearing phases in the Martian meteorite Nakhla. , 2006, , .		4
131	Isotopic Compositions of Cometary Matter Returned by Stardust. <i>Science</i> , 2006, 314, 1724-1728.	6.0	343
132	Chemical Mapping of Proterozoic Organic Matter at Submicron Spatial Resolution. <i>Astrobiology</i> , 2006, 6, 838-850.	1.5	62
133	Young chondrules in CB chondrites from a giant impact in the early Solar System. <i>Nature</i> , 2005, 436, 989-992.	13.7	290
134	Distribution of platinum-group elements and Os isotopes in chromite ores from MayarÃ Baracoa Ophiolitic Belt (eastern Cuba). <i>Contributions To Mineralogy and Petrology</i> , 2005, 150, 589-607.	1.2	121
135	Models for noble gases in mantle geochemistry: Some observations and alternatives. , 2005, , .		8
136	Shock melts in QUE 94411, Hammadah al Hamra 237, and Bencubbin: Remains of the missing matrix?. <i>Meteoritics and Planetary Science</i> , 2005, 40, 1377-1391.	0.7	27
137	H ₂ -rich fluids from serpentinization: Geochemical and biotic implications. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 12818-12823.	3.3	441
138	Osmium isotopic compositions of Os-rich platinum group element alloys from the Klamath and Siskiyou Mountains. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	37
139	Distribution of magnesium in coral skeleton. <i>Geophysical Research Letters</i> , 2004, 31, .	1.5	186
140	The Hadean upper mantle conundrum: evidence for source depletion and enrichment from Sm-Nd, Re-Os, and Pb isotopic compositions in 3.71 Gy boninite-like metabasalts from the Isua Supracrustal Belt, Greenland 1 Associate editor: A. D. Brandon. <i>Geochimica Et Cosmochimica Acta</i> , 2004, 68, 1645-1660.	1.6	52
141	The statistical upper mantle assemblage. <i>Earth and Planetary Science Letters</i> , 2004, 217, 123-139.	1.8	156
142	Monthly Strontium/Calcium oscillations in symbiotic coral aragonite: Biological effects limiting the precision of the paleotemperature proxy. <i>Geophysical Research Letters</i> , 2003, 30, .	1.5	68
143	The ZONMET thermodynamic and kinetic model of metal condensation. <i>Geochimica Et Cosmochimica Acta</i> , 2003, 67, 1737-1751.	1.6	34
144	Are high ³ He/ ⁴ He ratios in oceanic basalts an indicator of deep-mantle plume components?. <i>Earth and Planetary Science Letters</i> , 2003, 208, 197-204.	1.8	67

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145	Extreme ³⁴ S depletions in ZnS at the Mike gold deposit, Carlin Trend, Nevada: Evidence for bacteriogenic supergene sphalerite. <i>Geology</i> , 2003, 31, 913.	2.0	41
146	On the formation of peridotite-derived Os-rich PGE alloys. <i>American Mineralogist</i> , 2003, 88, 1731-1740.	0.9	28
147	Evidence for an Ancient Osmium Isotopic Reservoir in Earth. <i>Science</i> , 2002, 296, 516-518.	6.0	72
148	The CR chondrite clan: Implications for early solar system processes. <i>Meteoritics and Planetary Science</i> , 2002, 37, 1451-1490.	0.7	203
149	Heavily δ -hydrated lithic clasts in CH chondrites and the related, metal-rich chondrites Queen Alexandra Range 94411 and Hammadah al Hamra 237. <i>Meteoritics and Planetary Science</i> , 2002, 37, 281-293.	0.7	63
150	Re ¹⁸⁷ Os isotopic evidence for long-lived heterogeneity and equilibration processes in the Earth's upper mantle. <i>Nature</i> , 2002, 419, 705-708.	13.7	113
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