

Malcolm McCulloch

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

321
papers

31,194
citations

91
h-index

167
g-index

347
ext. papers

34,597
ext. citations

7.6
avg, IF

7
L-index

#	Paper	IF	Citations
321	Controls on sediment provenance in the Baghmata river catchment, Central Himalaya, India. <i>Journal of Earth System Science</i> , 2022 , 131, 1	1.8	1
320	Marginal Reefs Under Stress: Physiological Limits Render Galapagos Corals Susceptible to Ocean Acidification and Thermal Stress. <i>AGU Advances</i> , 2022 , 3,	5.4	1
319	Impact of European settlement and land use changes on Great Barrier Reef river catchments reconstructed from long-term coral Ba/Ca records.. <i>Science of the Total Environment</i> , 2022 , 154461	10.2	1
318	Deep-water coral records of glacial and recent ocean-atmosphere dynamics from the Perth Canyon in the southeast Indian Ocean. <i>Quaternary Science Advances</i> , 2022 , 6, 100052	2.2	
317	Rapid multi-generational acclimation of coralline algal reproductive structures to ocean acidification. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021 , 288, 20210130	4.4	2
316	Global declines in coral reef calcium carbonate production under ocean acidification and warming. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	23
315	Sub-Permil Interlaboratory Consistency for Solution-Based Boron Isotope Analyses on Marine Carbonates. <i>Geostandards and Geoanalytical Research</i> , 2021 , 45, 59-75	3.6	11
314	Geochemistry of large benthic foraminifera <i>Amphisorus hemprichii</i> as a high-resolution proxy for lead pollution in coastal environments. <i>Marine Pollution Bulletin</i> , 2021 , 162, 111918	6.7	4
313	Heat stress differentially impacts key calcification mechanisms in reef-building corals. <i>Coral Reefs</i> , 2021 , 40, 459-471	4.2	4
312	Heavy metal incorporation in foraminiferal calcite under variable environmental and acute level seawater pollution: multi-element culture experiments for <i>Amphisorus hemprichii</i> . <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	1
311	Thermally Variable, Macrotidal Reef Habitats Promote Rapid Recovery From Mass Coral Bleaching. <i>Frontiers in Marine Science</i> , 2020 , 7,	4.5	12
310	Terrestrial Signature in Coral Ba/Ca, $\delta^{18}\text{O}$, and $\delta^{13}\text{C}$ Records From a Macrotide-Dominated Nearshore Reef Environment, Kimberley Region of Northwestern Australia. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020 , 125, e2019JG005394	3.7	5
309	A coralline alga gains tolerance to ocean acidification over multiple generations of exposure. <i>Nature Climate Change</i> , 2020 , 10, 143-146	21.4	26
308	In situ Mg isotope measurements of biogenic carbonates using laser ablation multi-collector inductively coupled plasma mass spectrometry: A new tool to understand biomineralisation. <i>Rapid Communications in Mass Spectrometry</i> , 2020 , 34, e8918	2.2	5
307	Deconvolving the long-term impacts of ocean acidification and warming on coral biomineralisation. <i>Earth and Planetary Science Letters</i> , 2019 , 526, 115785	5.3	7
306	Flow-driven micro-scale pH variability affects the physiology of corals and coralline algae under ocean acidification. <i>Scientific Reports</i> , 2019 , 9, 12829	4.9	16
305	Stress-resistant corals may not acclimatize to ocean warming but maintain heat tolerance under cooler temperatures. <i>Nature Communications</i> , 2019 , 10, 4031	17.4	34

304	Accurate and precise microscale measurements of boron isotope ratios in calcium carbonates using laser ablation multicollector-ICPMS. <i>Journal of Analytical Atomic Spectrometry</i> , 2019 , 34, 550-560	3.7	14
303	Investigating marine bio-calcification mechanisms in a changing ocean with in vivo and high-resolution ex vivo Raman spectroscopy. <i>Global Change Biology</i> , 2019 , 25, 1877-1888	11.4	9
302	Diurnal cycles of coral calcifying fluid aragonite saturation state. <i>Marine Biology</i> , 2019 , 166, 1	2.5	6
301	Resistance to ocean acidification in coral reef taxa is not gained by acclimatization. <i>Nature Climate Change</i> , 2019 , 9, 477-483	21.4	29
300	Calibration of Sr/Ca, Li/Mg and Sr-U Paleothermometry in Branching and Foliose Corals. <i>Paleoceanography and Paleoclimatology</i> , 2019 , 34, 1271-1291	3.3	3
299	Long-Term Impacts of the 1997-1998 Bleaching Event on the Growth and Resilience of Massive Porites Corals From the Central Red Sea. <i>Geochemistry, Geophysics, Geosystems</i> , 2019 , 20, 2936-2954	3.6	12
298	First ROV Exploration of the Perth Canyon: Canyon Setting, Faunal Observations, and Anthropogenic Impacts. <i>Frontiers in Marine Science</i> , 2019 , 6,	4.5	9
297	Anthropogenic ocean warming and acidification recorded by Sr/Ca, Li/Mg, $\delta^{11}\text{B}$ and B/Ca in Porites coral from the Kimberley region of northwestern Australia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019 , 528, 50-59	2.9	7
296	Coral Li/Mg thermometry: Caveats and constraints. <i>Chemical Geology</i> , 2019 , 523, 162-178	4.2	18
295	Acclimatization of massive reef-building corals to consecutive heatwaves. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019 , 286, 20190235	4.4	31
294	Boron isotope composition of the cold-water coral <i>Lophelia pertusa</i> along the Norwegian margin: Zooming into a potential pH-proxy by combining bulk and high-resolution approaches. <i>Chemical Geology</i> , 2019 , 513, 143-152	4.2	10
293	Multi-trace-element sea surface temperature coral reconstruction for the southern Mozambique Channel reveals teleconnections with the tropical Atlantic. <i>Biogeosciences</i> , 2019 , 16, 695-712	4.6	6
292	Biologically controlled Mo isotope fractionation in coral reef systems. <i>Geochimica Et Cosmochimica Acta</i> , 2019 , 262, 128-142	5.5	8
291	Coral Records of Variable Stress Impacts and Possible Acclimatization to Recent Marine Heat Wave Events on the Northwest Shelf of Australia. <i>Paleoceanography and Paleoclimatology</i> , 2019 , 34, 1672-1688	3.3	8
290	Environmental and physiochemical controls on coral calcification along a latitudinal temperature gradient in Western Australia. <i>Global Change Biology</i> , 2019 , 25, 431-447	11.4	13
289	Source and supply of sediment to a shoreline salient in a fringing reef environment. <i>Earth Surface Processes and Landforms</i> , 2019 , 44, 552-564	3.7	10
288	Spatial and temporal patterns of mass bleaching of corals in the Anthropocene. <i>Science</i> , 2018 , 359, 80-83	33.3	954
287	Coral resistance to ocean acidification linked to increased calcium at the site of calcification. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018 , 285,	4.4	57

286	Similar controls on calcification under ocean acidification across unrelated coral reef taxa. <i>Global Change Biology</i> , 2018 , 24, 4857-4868	11.4	37
285	A universal multi-trace element calibration for reconstructing sea surface temperatures from long-lived Porites corals: Removing $\delta^{18}O$ -effects. <i>Geochimica Et Cosmochimica Acta</i> , 2018 , 239, 109-135	5.5	22
284	Resistance of corals and coralline algae to ocean acidification: physiological control of calcification under natural pH variability. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018 , 285,	4.4	44
283	Impacts of coral bleaching on pH and oxygen gradients across the coral concentration boundary layer: a microsensor study. <i>Coral Reefs</i> , 2018 , 37, 1169-1180	4.2	5
282	The application of compound-specific sulfur isotopes to the oil-source rock correlation of Kurdistan petroleum. <i>Organic Geochemistry</i> , 2018 , 117, 22-30	3.1	19
281	Boron Isotopic Systematics in Scleractinian Corals and the Role of pH Up-regulation. <i>Advances in Isotope Geochemistry</i> , 2018 , 145-162	1.2	14
280	Reviews and syntheses: Revisiting the boron systematics of aragonite and their application to coral calcification. <i>Biogeosciences</i> , 2018 , 15, 2819-2834	4.6	22
279	Mechanisms and seasonal drivers of calcification in the temperate coral at its latitudinal limits. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018 , 285,	4.4	17
278	Conodont apatite $^{88}Sr/^{86}Sr$ and $^{44}Ca/^{40}Ca$ compositions and implications for the evolution of Palaeozoic to early Mesozoic seawater. <i>Chemical Geology</i> , 2017 , 453, 55-65	4.2	9
277	$\delta^{34}S$ character of organosulfur compounds in kerogen and bitumen fractions of sedimentary rocks. <i>Organic Geochemistry</i> , 2017 , 110, 60-64	3.1	8
276	Coral calcification in a changing World and the interactive dynamics of pH and DIC upregulation. <i>Nature Communications</i> , 2017 , 8, 15686	17.4	77
275	Coralline algae elevate pH at the site of calcification under ocean acidification. <i>Global Change Biology</i> , 2017 , 23, 4245-4256	11.4	62
274	Differential response of corals to regional mass-warming events as evident from skeletal Sr/Ca and Mg/Ca ratios. <i>Geochemistry, Geophysics, Geosystems</i> , 2017 , 18, 1794-1809	3.6	14
273	Global warming and recurrent mass bleaching of corals. <i>Nature</i> , 2017 , 543, 373-377	50.4	1539
272	Active modulation of the calcifying fluid carbonate chemistry ($\delta^{18}O$, B/Ca) and seasonally invariant coral calcification at sub-tropical limits. <i>Scientific Reports</i> , 2017 , 7, 13830	4.9	15
271	Decoupling between the response of coral calcifying fluid pH and calcification to ocean acidification. <i>Scientific Reports</i> , 2017 , 7, 7573	4.9	38
270	Response of coral calcification and calcifying fluid composition to thermally induced bleaching stress. <i>Scientific Reports</i> , 2017 , 7, 2207	4.9	44
269	Marine heatwave causes unprecedented regional mass bleaching of thermally resistant corals in northwestern Australia. <i>Scientific Reports</i> , 2017 , 7, 14999	4.9	83

268	Uranium uptake history, open-system behaviour and uranium-series ages of fossil <i>Tridacna gigas</i> from Huon Peninsula, Papua New Guinea. <i>Geochimica Et Cosmochimica Acta</i> , 2017 , 213, 475-501	5.5	10
267	Coral calcifying fluid aragonite saturation states derived from Raman spectroscopy. <i>Biogeosciences</i> , 2017 , 14, 5253-5269	4.6	37
266	Coral calcification mechanisms facilitate adaptive responses to ocean acidification. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284,	4.4	52
265	Environmental constraints on Holocene cold-water coral reef growth off Norway: Insights from a multiproxy approach. <i>Paleoceanography</i> , 2016 , 31, 1350-1367		18
264	Ocean acidification causes structural deformities in juvenile coral skeletons. <i>Science Advances</i> , 2016 , 2, e1501130	14.3	38
263	Assessment of coral $\delta^{14}C/40Ca$ as a paleoclimate proxy in the Great Barrier Reef of Australia. <i>Chemical Geology</i> , 2016 , 435, 71-78	4.2	9
262	Crustose coralline algal growth, calcification and mortality following a marine heatwave in Western Australia. <i>Continental Shelf Research</i> , 2015 , 106, 38-44	2.4	32
261	pH homeostasis during coral calcification in a free ocean CO ₂ enrichment (FOCE) experiment, Heron Island reef flat, Great Barrier Reef. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 13219-24	11.5	50
260	Response of <i>Acropora digitifera</i> to ocean acidification: constraints from $\delta^{11}B$, Sr, Mg, and Ba compositions of aragonitic skeletons cultured under variable seawater pH. <i>Coral Reefs</i> , 2015 , 34, 1139-1149	11.2	29
259	ENSO variability during MIS 11 (424-74 ka) from <i>Tridacna gigas</i> at Huon Peninsula, Papua New Guinea. <i>Earth and Planetary Science Letters</i> , 2015 , 431, 236-246	5.3	16
258	Effect of ocean warming and acidification on the early life stages of subtropical <i>Acropora spicifera</i> . <i>Coral Reefs</i> , 2015 , 34, 1217-1226	4.2	28
257	Biological mechanisms supporting adaptation to ocean acidification in coastal ecosystems. <i>Estuarine, Coastal and Shelf Science</i> , 2015 , 152, A1-A8	2.9	84
256	Limits to the thermal tolerance of corals adapted to a highly fluctuating, naturally extreme temperature environment. <i>Scientific Reports</i> , 2015 , 5, 17639	4.9	123
255	Coral record of southeast Indian Ocean marine heatwaves with intensified Western Pacific temperature gradient. <i>Nature Communications</i> , 2015 , 6, 8562	17.4	46
254	Resilience of coral calcification to extreme temperature variations in the Kimberley region, northwest Australia. <i>Coral Reefs</i> , 2015 , 34, 1151-1163	4.2	27
253	Coral records of reef-water pH across the central Great Barrier Reef, Australia: assessing the influence of river runoff on inshore reefs. <i>Biogeosciences</i> , 2015 , 12, 1223-1236	4.6	20
252	Perennial growth of hermatypic corals at Rottneest Island, Western Australia (32°S). <i>PeerJ</i> , 2015 , 3, e781	3.1	25
251	Interactions between filamentous turf algae and coralline algae are modified under ocean acidification. <i>Journal of Experimental Marine Biology and Ecology</i> , 2014 , 456, 70-77	2.1	22

250	Rapid, high-precision measurements of boron isotopic compositions in marine carbonates. <i>Rapid Communications in Mass Spectrometry</i> , 2014 , 28, 2704-12	2.2	41
249	Assessing the drivers of spatial variation in thermal forcing across a nearshore reef system and implications for coral bleaching. <i>Limnology and Oceanography</i> , 2014 , 59, 1241-1255	4.8	15
248	Evaluation of annual resolution coral geochemical records as climate proxies in the Great Barrier Reef of Australia. <i>Coral Reefs</i> , 2014 , 33, 965-977	4.2	14
247	Corals record long-term Leeuwin current variability including Ningaloo Ni ⁸⁷ /Ni ⁶⁶ since 1795. <i>Nature Communications</i> , 2014 , 5, 3607	17.4	68
246	Li/Mg systematics in scleractinian corals: Calibration of the thermometer. <i>Geochimica Et Cosmochimica Acta</i> , 2014 , 132, 288-310	5.5	79
245	Short-term coral bleaching is not recorded by skeletal boron isotopes. <i>PLoS ONE</i> , 2014 , 9, e112011	3.7	15
244	Long-term records of coral calcification across the central Great Barrier Reef: assessing the impacts of river runoff and climate change. <i>Coral Reefs</i> , 2013 , 32, 999-1012	4.2	58
243	Is Ocean Acidification an Open-Ocean Syndrome? Understanding Anthropogenic Impacts on Seawater pH. <i>Estuaries and Coasts</i> , 2013 , 36, 221-236	2.8	458
242	A High-Resolution Coral-Based $\delta^{14}\text{C}$ Record of Surface Water Processes in the Western Mediterranean Sea. <i>Radiocarbon</i> , 2013 , 55,	4.6	1
241	Atmospheric forcing intensifies the effects of regional ocean warming on reef-scale temperature anomalies during a coral bleaching event. <i>Journal of Geophysical Research: Oceans</i> , 2013 , 118, 4600-4616	3.3	26
240	A High-Resolution Coral-Based $\delta^{14}\text{C}$ Record of Surface Water Processes in the Western Mediterranean Sea. <i>Radiocarbon</i> , 2013 , 55, 1617-1630	4.6	16
239	Madagascar corals reveal a multidecadal signature of rainfall and river runoff since 1708. <i>Climate of the Past</i> , 2013 , 9, 641-656	3.9	30
238	Physical and biological controls on the carbonate chemistry of coral reef waters: effects of metabolism, wave forcing, sea level, and geomorphology. <i>PLoS ONE</i> , 2013 , 8, e53303	3.7	89
237	Environmental Records from Great Barrier Reef Corals: inshore versus offshore drivers. <i>PLoS ONE</i> , 2013 , 8, e77091	3.7	29
236	Comparison of dermal absorption of zinc from different sunscreen formulations and differing UV exposure based on stable isotope tracing. <i>Science of the Total Environment</i> , 2012 , 420, 313-8	10.2	65
235	Coral resilience to ocean acidification and global warming through pH up-regulation. <i>Nature Climate Change</i> , 2012 , 2, 623-627	21.4	399
234	Resilience of cold-water scleractinian corals to ocean acidification: Boron isotopic systematics of pH and saturation state up-regulation. <i>Geochimica Et Cosmochimica Acta</i> , 2012 , 87, 21-34	5.5	171
233	Light and temperature effects on $\delta^{11}\text{B}$ and B / Ca ratios of the zooxanthellate coral <i>Acropora</i> sp.: results from culturing experiments. <i>Biogeosciences</i> , 2012 , 9, 4589-4605	4.6	28

232	An assessment of an environmental gradient using coral geochemical records, Whitsunday Islands, Great Barrier Reef, Australia. <i>Marine Pollution Bulletin</i> , 2012 , 65, 306-19	6.7	32
231	Precise and accurate determination of $^{147}\text{Sm}/^{144}\text{Nd}$ and $^{143}\text{Nd}/^{144}\text{Nd}$ in monazite using laser ablation-MC-ICPMS. <i>Chemical Geology</i> , 2011 , 282, 45-57	4.2	45
230	Early Archean crustal evolution of the Jack Hills Zircon source terrane inferred from Lu/Hf , $^{207}\text{Pb}/^{206}\text{Pb}$, and $\delta^{18}\text{O}$ systematics of Jack Hills zircons. <i>Geochimica Et Cosmochimica Acta</i> , 2011 , 75, 4816-4829	5.5	68
229	Phosphate defects and apatite inclusions in coral skeletal aragonite revealed by solid-state NMR spectroscopy. <i>Geochimica Et Cosmochimica Acta</i> , 2011 , 75, 7446-7457	5.5	22
228	Quantifying the pH vital effect in the temperate zooxanthellate coral <i>Cladocora caespitosa</i> : Validation of the boron seawater pH proxy. <i>Earth and Planetary Science Letters</i> , 2011 , 303, 163-173	5.3	157
227	Tracing the provenance and recrystallization processes of the Earth's oldest detritus at Mt. Narryer and Jack Hills, Western Australia: An in situ Sm/Nd isotopic study of monazite. <i>Earth and Planetary Science Letters</i> , 2011 , 308, 350-358	5.3	20
226	U-series dating of carbonates using inductively coupled plasma-quadrupole mass spectrometry. <i>Quaternary Geochronology</i> , 2011 , 6, 564-573	2.7	3
225	Movements of diadromous fish in large unregulated tropical rivers inferred from geochemical tracers. <i>PLoS ONE</i> , 2011 , 6, e18351	3.7	37
224	A speleothem record of Holocene climate variability from southwestern Mexico. <i>Quaternary Research</i> , 2011 , 75, 104-113	1.9	59
223	Disappearance of <i>Acropora</i> from the Marquesas (French Polynesia) during the last deglacial period. <i>Coral Reefs</i> , 2011 , 30, 1101-1105	4.2	5
222	Small amounts of zinc from zinc oxide particles in sunscreens applied outdoors are absorbed through human skin. <i>Toxicological Sciences</i> , 2010 , 118, 140-9	4.4	236
221	Uranium-series dating and growth characteristics of the deep-sea scleractinian coral: <i>Enallopsammia rostrata</i> from the Equatorial Pacific. <i>Geochimica Et Cosmochimica Acta</i> , 2010 , 74, 2380-2395	5.5	9
220	The timing of sea-level high-stands during Marine Isotope Stages 7.5 and 9: Constraints from the uranium-series dating of fossil corals from Henderson Island. <i>Geochimica Et Cosmochimica Acta</i> , 2010 , 74, 3598-3620	5.5	31
219	Stable isotopes ($\delta^{18}\text{O}$ and $\delta^{13}\text{C}$), trace and minor element compositions of Recent scleractinians and Last Glacial bivalves at the Santa Maria di Leuca deep-water coral province, Ionian Sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2010 , 57, 471-486	2.3	32
218	Proliferation and demise of deep-sea corals in the Mediterranean during the Younger Dryas. <i>Earth and Planetary Science Letters</i> , 2010 , 298, 143-152	5.3	73
217	River runoff reconstructions from novel spectral luminescence scanning of massive coral skeletons. <i>Coral Reefs</i> , 2010 , 29, 579-591	4.2	42
216	Monazite geochronology and geochemistry of meta-sediments in the Narryer Gneiss Complex, Western Australia: constraints on the tectonothermal history and provenance. <i>Contributions To Mineralogy and Petrology</i> , 2010 , 160, 803-823	3.5	24
215	Interactive effects of ontogeny, food ration and temperature on elemental incorporation in otoliths of a coral reef fish. <i>Environmental Biology of Fishes</i> , 2010 , 89, 441-451	1.6	79

214	Coral Ba/Ca records of sediment input to the fringing reef of the southshore of Moloka'i, Hawai'i over the last several decades. <i>Marine Pollution Bulletin</i> , 2010 , 60, 1822-35	6.7	56
213	Structure and growth rates of the high-latitude coral: <i>Plesiastrea versipora</i> . <i>Coral Reefs</i> , 2009 , 28, 1005-1015	4.1	13
212	Phasing and amplitude of sea-level and climate change during the penultimate interglacial. <i>Nature Geoscience</i> , 2009 , 2, 355-359	18.3	108
211	The big ecological questions inhibiting effective environmental management in Australia. <i>Austral Ecology</i> , 2009 , 34, 1-9	1.5	60
210	Evidence for ocean acidification in the Great Barrier Reef of Australia. <i>Geochimica Et Cosmochimica Acta</i> , 2009 , 73, 2332-2346	5.5	125
209	Profiles of trace elements and stable isotopes derived from giant long-lived <i>Tridacna gigas</i> bivalves: Potential applications in paleoclimate studies. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009 , 280, 132-142	2.9	103
208	Coral proxy record of decadal-scale reduction in base flow from Moloka'i, Hawaii. <i>Geochemistry, Geophysics, Geosystems</i> , 2009 , 10, n/a-n/a	3.6	12
207	Uplift rates defined by U-series and ¹⁴ C ages of serpulid-encrusted speleothems from submerged caves near Siracusa, Sicily (Italy). <i>Quaternary Geochronology</i> , 2009 , 4, 2-10	2.7	31
206	Evaluating Quaternary dating methods: Radiocarbon, U-series, luminescence, and amino acid racemization dates of a late Pleistocene emu egg. <i>Quaternary Geochronology</i> , 2009 , 4, 84-92	2.7	21
205	U-series evidence for widespread reef development in Shark Bay during the last interglacial. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2008 , 259, 424-435	2.9	17
204	High-precision U-series measurements of more than 500,000 year old fossil corals. <i>Earth and Planetary Science Letters</i> , 2008 , 265, 229-245	5.3	62
203	Early (4.5 Ga) formation of terrestrial crust: Lu/Hf, ¹⁸⁰ Yb/ ¹⁷⁴ Yb, and Ti thermometry results for Hadean zircons. <i>Earth and Planetary Science Letters</i> , 2008 , 268, 476-486	5.3	225
202	Geomorphic evidence of major sea-level fluctuations during marine isotope substage-5e, Cape Cuvier, Western Australia. <i>Geomorphology</i> , 2008 , 102, 595-602	4.3	21
201	Mid-Holocene variability in the marine ¹⁴ C reservoir age for northern coastal Papua New Guinea. <i>Quaternary Geochronology</i> , 2008 , 3, 213-225	2.7	45
200	Applications of the ²³⁸ U- ²³⁰ Th decay series to dating of fossil and modern corals using MC-ICPMS. <i>Australian Journal of Earth Sciences</i> , 2008 , 55, 955-965	1.4	46
199	Linkages between coral assemblages and coral proxies of terrestrial exposure along a cross-shelf gradient on the southern Great Barrier Reef. <i>Coral Reefs</i> , 2008 , 27, 887-903	4.2	73
198	Climate reconstructions and monitoring in the Mediterranean Sea: A review on some recently discovered high-resolution marine archives. <i>Rendiconti Lincei</i> , 2008 , 19, 121-140	1.7	18
197	A new coral reef province in the Gulf of Carpentaria, Australia: Colonisation, growth and submergence during the early Holocene. <i>Marine Geology</i> , 2008 , 251, 85-97	3.3	44

196	The mountain-lowland debate: deforestation and sediment transport in the upper Ganga catchment. <i>Journal of Environmental Management</i> , 2008 , 88, 53-61	7.9	37
195	East African soil erosion recorded in a 300 year old coral colony from Kenya. <i>Geophysical Research Letters</i> , 2007 , 34,	4.9	86
194	Impact of skeletal dissolution and secondary aragonite on trace element and isotopic climate proxies in Porites corals. <i>Paleoceanography</i> , 2007 , 22, n/a-n/a		70
193	Seasonal characteristics of the Indian Ocean Dipole during the Holocene epoch. <i>Nature</i> , 2007 , 445, 299-304	5.4	142
192	Intensified mid-Holocene Asian monsoon recorded in corals from Kikai Island, subtropical northwestern Pacific. <i>Quaternary Research</i> , 2007 , 67, 204-214	1.9	39
191	Stratigraphy, U-Th chronology, and paleoenvironments at Gladysvale Cave: insights into the climatic control of South African hominin-bearing cave deposits. <i>Journal of Human Evolution</i> , 2007 , 53, 602-19	3.1	68
190	The non-tropical coral <i>Cladocora caespitosa</i> as the new climate archive for the Mediterranean: high-resolution (~weekly) trace element systematics. <i>Quaternary Science Reviews</i> , 2007 , 26, 441-462	3.9	63
189	Global sea-level fluctuations during the Last Interglaciation (MIS 5e). <i>Quaternary Science Reviews</i> , 2007 , 26, 2090-2112	3.9	253
188	Interdecadal climate variability in the Coral Sea since 1708 A.D.. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007 , 248, 190-201	2.9	39
187	Coupling of in-situ SmNd systematics and U/Bb dating of monazite and allanite with applications to crustal evolution studies. <i>Chemical Geology</i> , 2007 , 245, 45-60	4.2	100
186	Uranium-series dating rock art in East Timor. <i>Journal of Archaeological Science</i> , 2007 , 34, 991-996	2.9	44
185	ESR and U-series analyses of enamel and dentine fragments of the Banyoles mandible. <i>Journal of Human Evolution</i> , 2006 , 50, 347-58	3.1	36
184	Phosphorus in cold-water corals as a proxy for seawater nutrient chemistry. <i>Science</i> , 2006 , 312, 1788-91	33.3	71
183	A cautionary tale from down under: Dating the BlackCreek Swamp megafauna site on Kangaroo Island, South Australia. <i>Quaternary Geochronology</i> , 2006 , 1, 142-150	2.7	20
182	Magnesium isotopic analysis of olivine by laser-ablation multi-collector ICP-MS: composition dependent matrix effects and a comparison of the Earth and Moon. <i>Journal of Analytical Atomic Spectrometry</i> , 2006 , 21, 50-54	3.7	35
181	Sr/Ca and $\delta^{18}O$ seasonality in a Porites coral from the MIS 9 (339B03 ka) interglacial. <i>Earth and Planetary Science Letters</i> , 2006 , 248, 462-475	5.3	24
180	Rapid trace element analysis of speleothems by ELA-ICP-MS. <i>Chemical Geology</i> , 2006 , 231, 102-117	4.2	28
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3	Early Differentiation of the Earth: An Isotopic Perspective 127-158		
2	Unveiling the Perth Canyon and its deep-water faunas		2
1	Coral records of reef-water pH across the central Great Barrier Reef, Australia: assessing the influence of river runoff on inshore reefs		4