

Chuan-Chou Shen

List of Publications by Citations

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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.

252
papers

10,620
citations

45
h-index

96
g-index

265
ext. papers

12,323
ext. citations

5
avg, IF

5.9
L-index

#	Paper	IF	Citations
252	A high-resolution absolute-dated late Pleistocene Monsoon record from Hulu Cave, China. <i>Science</i> , 2001 , 294, 2345-8	33.3	2145
251	Improvements in ^{230}Th dating, ^{230}Th and ^{234}U half-life values, and ^{230}Th isotopic measurements by multi-collector inductively coupled plasma mass spectrometry. <i>Earth and Planetary Science Letters</i> , 2013 , 371-372, 82-91	5.3	752
250	Wet periods in northeastern Brazil over the past 210 kyr linked to distant climate anomalies. <i>Nature</i> , 2004 , 432, 740-3	50.4	587
249	Uranium and thorium isotopic and concentration measurements by magnetic sector inductively coupled plasma mass spectrometry. <i>Chemical Geology</i> , 2002 , 185, 165-178	4.2	343
248	Neandertal roots: Cranial and chronological evidence from Sima de los Huesos. <i>Science</i> , 2014 , 344, 1358-63	33.3	277
247	Earthquake supercycles inferred from sea-level changes recorded in the corals of West Sumatra. <i>Science</i> , 2008 , 322, 1674-8	33.3	266
246	High-precision and high-resolution carbonate ^{230}Th dating by MC-ICP-MS with SEM protocols. <i>Geochimica Et Cosmochimica Acta</i> , 2012 , 99, 71-86	5.5	218
245	Organ biodistribution, clearance, and genotoxicity of orally administered zinc oxide nanoparticles in mice. <i>Nanotoxicology</i> , 2012 , 6, 746-56	5.3	173
244	The calibration of D[Sr/Ca] versus sea surface temperature relationship for Porites corals. <i>Geochimica Et Cosmochimica Acta</i> , 1996 , 60, 3849-3858	5.5	170
243	A late Middle Pleistocene Denisovan mandible from the Tibetan Plateau. <i>Nature</i> , 2019 , 569, 409-412	50.4	165
242	Variability of stalagmite-inferred Indian monsoon precipitation over the past 252,000 y. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 2954-9	11.5	159
241	Measurement of attogram quantities of ^{231}Pa in dissolved and particulate fractions of seawater by isotope dilution thermal ionization mass spectroscopy. <i>Analytical Chemistry</i> , 2003 , 75, 1075-9	7.8	146
240	Archaea and bacteria with surprising microdiversity show shifts in dominance over 1,000-year time scales in hydrothermal chimneys. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 1612-7	11.5	143
239	Variation of initial $^{230}\text{Th}/^{232}\text{Th}$ and limits of high precision ^{230}Th dating of shallow-water corals. <i>Geochimica Et Cosmochimica Acta</i> , 2008 , 72, 4201-4223	5.5	137
238	High-resolution absolute-dated Indian Monsoon record between 53 and 36 ka from Xiaobailong Cave, southwestern China. <i>Geology</i> , 2006 , 34, 621	5	100
237	Comparison of the Quaternary travertine sites in the Denizli extensional basin based on their depositional and geochemical data. <i>Sedimentary Geology</i> , 2013 , 294, 179-204	2.8	98
236	Huge erratic boulders in Tonga deposited by a prehistoric tsunami. <i>Geology</i> , 2009 , 37, 131-134	5	94

235	Mg/Ca ratios of two <i>Globigerinoides ruber</i> (white) morphotypes: Implications for reconstructing past tropical/subtropical surface water conditions. <i>Geochemistry, Geophysics, Geosystems</i> , 2005 , 6, n/a-n/a	3.6	94
234	Improving coral-base paleoclimate reconstructions by replicating 350 years of coral Sr/Ca variations. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013 , 373, 6-24	2.9	92
233	Accelerated drawdown of meridional overturning in the late-glacial Atlantic triggered by transient pre-H event freshwater perturbation. <i>Geophysical Research Letters</i> , 2006 , 33,	4.9	83
232	Recent enhancement of central Pacific El Niño variability relative to last eight centuries. <i>Nature Communications</i> , 2017 , 8, 15386	17.4	82
231	Coral evidence for earthquake recurrence and an A.D. 1390–1455 cluster at the south end of the 2004 Aceh–Andaman rupture. <i>Journal of Geophysical Research</i> , 2010 , 115,		79
230	Dissolved and particulate ²³¹ Pa and ²³⁰ Th in the Atlantic Ocean: constraints on intermediate/deep water age, boundary scavenging, and ²³¹ Pa/ ²³⁰ Th fractionation. <i>Earth and Planetary Science Letters</i> , 2002 , 203, 999-1014	5.3	74
229	On the influence of sea level and monsoon climate on the southern South China Sea freshwater budget over the last 22,000 years. <i>Quaternary Science Reviews</i> , 2006 , 25, 1475-1488	3.9	71
228	Uranium-series coral ages from the US Atlantic Coastal Plain—the 80ka problem—revisited. <i>Quaternary International</i> , 2004 , 120, 3-14	2	68
227	Oxygen and carbon isotopic systematics of aragonite speleothems and water in Furong Cave, Chongqing, China. <i>Geochimica Et Cosmochimica Acta</i> , 2011 , 75, 4140-4156	5.5	67
226	Obliquity pacing of the western Pacific Intertropical Convergence Zone over the past 282,000 years. <i>Nature Communications</i> , 2015 , 6, 10018	17.4	65
225	Reconciliation of hydroclimate sequences from the Chinese Loess Plateau and low-latitude East Asian Summer Monsoon regions over the past 14,500 years. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015 , 435, 127-135	2.9	64
224	Coupling of Indo-Pacific climate variability over the last millennium. <i>Nature</i> , 2020 , 579, 385-392	50.4	63
223	Late Bronze Age climate change and the destruction of the Mycenaean Palace of Nestor at Pylos. <i>PLoS ONE</i> , 2017 , 12, e0189447	3.7	63
222	Persistent termini of 2004- and 2005-like ruptures of the Sunda megathrust. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		61
221	Radiocarbon Dating of Deep-Sea Corals. <i>Radiocarbon</i> , 2002 , 44, 567-580	4.6	56
220	Sea surface temperature variability in the southwest tropical Pacific since AD 1649. <i>Nature Climate Change</i> , 2012 , 2, 799-804	21.4	55
219	Time-varying interseismic strain rates and similar seismic ruptures on the Nias–Bimeulue patch of the Sunda megathrust. <i>Quaternary Science Reviews</i> , 2015 , 122, 258-281	3.9	54
218	Decreasing monsoon precipitation in southwest China during the last 240 years associated with the warming of tropical ocean. <i>Climate Dynamics</i> , 2017 , 48, 1769-1778	4.2	53

217	A reconstruction of sea surface temperature variability in the southeastern Gulf of Mexico from 1734 to 2008 C.E. using cross-dated Sr/Ca records from the coral <i>Siderastrea siderea</i> . <i>Paleoceanography</i> , 2014 , 29, 403-422		53
216	U-Th systematics and 230Th ages of carbonate chimneys at the Lost City Hydrothermal Field. <i>Geochimica Et Cosmochimica Acta</i> , 2011 , 75, 1869-1888	5.5	53
215	The Holocene Pulleniatina Minimum Event revisited: Geochemical and faunal evidence from the Okinawa Trough and upper reaches of the Kuroshio current. <i>Marine Micropaleontology</i> , 2006 , 59, 153-170	10.7	51
214	The earliest modern Homo sapiens in China?. <i>Journal of Human Evolution</i> , 2016 , 101, 101-104	3.1	50
213	The $\delta^{18}O$ and $\delta^{13}C$ records in an aragonite stalagmite from Furong Cave, Chongqing, China: A-2000-year record of monsoonal climate. <i>Journal of Asian Earth Sciences</i> , 2011 , 40, 1121-1130	2.8	50
212	East Asian monsoon evolution and reconciliation of climate records from Japan and Greenland during the last deglaciation. <i>Quaternary Science Reviews</i> , 2010 , 29, 3327-3335	3.9	50
211	Progressive aridification in East Africa over the last half million years and implications for human evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 11174-11179	11.5	48
210	Rainfall variations in central Indo-Pacific over the past 2,700 y. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 17201-17206	11.5	47
209	An evaluation of quantitative reconstruction of past precipitation records using coral skeletal Sr/Ca and $\delta^{18}O$ data. <i>Earth and Planetary Science Letters</i> , 2005 , 237, 370-386	5.3	46
208	Gradual onset and recovery of the Younger Dryas abrupt climate event in the tropics. <i>Nature Communications</i> , 2015 , 6, 8061	17.4	44
207	Earthquake supercycles on the Mentawai segment of the Sunda megathrust in the seventeenth century and earlier. <i>Journal of Geophysical Research: Solid Earth</i> , 2017 , 122, 642-676	3.6	43
206	Hydrothermal fluids circulation and travertine deposition in an active tectonic setting: Insights from the Kamara geothermal area (western Anatolia, Turkey). <i>Tectonophysics</i> , 2016 , 680, 211-232	3.1	43
205	Cyclic precipitation variation on the western Loess Plateau of China during the past four centuries. <i>Scientific Reports</i> , 2014 , 4, 6381	4.9	42
204	High-resolution speleothem record of precipitation from the Yucatan Peninsula spanning the Maya Preclassic Period. <i>Global and Planetary Change</i> , 2016 , 138, 93-102	4.2	40
203	Multidecadal rainfall variability in South Pacific Convergence Zone as revealed by stalagmite geochemistry. <i>Geology</i> , 2013 , 41, 1143-1146	5	40
202	A snapshot of climate variability at Tahiti at 9.5 ka using a fossil coral from IODP Expedition 310. <i>Geochemistry, Geophysics, Geosystems</i> , 2010 , 11, n/a-n/a	3.6	39
201	Deglacial variations of Sr and $87Sr/86Sr$ ratio recorded by a stalagmite from Central China and their association with past climate and environment. <i>Chemical Geology</i> , 2009 , 268, 233-247	4.2	39
200	Rupture and variable coupling behavior of the Mentawai segment of the Sunda megathrust during the supercycle culmination of 1797 to 1833. <i>Journal of Geophysical Research: Solid Earth</i> , 2014 , 119, 7258-7287	3.6	38

199	Thallium dispersal and contamination in surface sediments from South China and its source identification. <i>Environmental Pollution</i> , 2016 , 213, 878-887	9.3	36
198	Sedimentological and geochemical characteristics of a fluvial travertine: A case from the eastern Mediterranean region. <i>Sedimentology</i> , 2014 , 61, 291-318	3.3	35
197	Testing the annual nature of speleothem banding. <i>Scientific Reports</i> , 2013 , 3, 2633	4.9	35
196	Heinrich event 4 and Dansgaard/Oeschger events 5-0 recorded by high-resolution speleothem oxygen isotope data from central China. <i>Quaternary Research</i> , 2014 , 82, 394-404	1.9	34
195	Stalagmite-inferred Holocene precipitation in northern Guizhou Province, China, and asynchronous termination of the Climatic Optimum in the Asian monsoon territory. <i>Science Bulletin</i> , 2012 , 57, 795-801		34
194	Evidence for solar cycles in a late Holocene speleothem record from Dongge Cave, China. <i>Scientific Reports</i> , 2014 , 4, 5159	4.9	33
193	Penultimate predecessors of the 2004 Indian Ocean tsunami in Aceh, Sumatra: Stratigraphic, archeological, and historical evidence. <i>Journal of Geophysical Research: Solid Earth</i> , 2015 , 120, 308-325	3.6	33
192	Permanent upper plate deformation in western Myanmar during the great 1762 earthquake: Implications for neotectonic behavior of the northern Sunda megathrust. <i>Journal of Geophysical Research: Solid Earth</i> , 2013 , 118, 1277-1303	3.6	33
191	Climate and environmental changes during the past millennium in central western Guizhou, China as recorded by Stalagmite ZJD-21. <i>Journal of Asian Earth Sciences</i> , 2011 , 40, 1111-1120	2.8	33
190	²³¹ Pa and ²³⁰ Th in surface sediments of the Arctic Ocean: Implications for ²³¹ Pa/ ²³⁰ Th fractionation, boundary scavenging, and advective export. <i>Earth and Planetary Science Letters</i> , 2005 , 234, 235-248	5.3	33
189	Three thousand years of extreme rainfall events recorded in stalagmites from Spring Valley Caverns, Minnesota. <i>Earth and Planetary Science Letters</i> , 2010 , 300, 46-54	5.3	31
188	Constraints on deep water age and particle flux in the equatorial and South Atlantic Ocean based on seawater ²³¹ Pa and ²³⁰ Th data. <i>Geophysical Research Letters</i> , 2001 , 28, 3437-3440	4.9	31
187	A Chinese cave links climate change, social impacts, and human adaptation over the last 500 years. <i>Scientific Reports</i> , 2015 , 5, 12284	4.9	30
186	Lead isotope characterization of petroleum fuels in Taipei, Taiwan. <i>International Journal of Environmental Research and Public Health</i> , 2015 , 12, 4602-16	4.6	30
185	Geochemical transfer and preliminary health risk assessment of thallium in a riverine system in the Pearl River Basin, South China. <i>Journal of Geochemical Exploration</i> , 2017 , 176, 64-75	3.8	28
184	Stable isotope compositions of speleothems from the last interglacial: Spatial patterns of climate fluctuations in Europe. <i>Quaternary Science Reviews</i> , 2017 , 161, 68-80	3.9	28
183	Early-Holocene monsoon instability and climatic optimum recorded by Chinese stalagmites. <i>Holocene</i> , 2019 , 29, 1059-1067	2.6	28
182	Recrystallization-induced oxygen isotope changes in inclusion-hosted water of speleothems: Paleoclimatological implications. <i>Quaternary International</i> , 2016 , 415, 25-32	2	28

181	Stalagmite-inferred variability of the Asian summer monsoon during the penultimate glacial-interglacial period. <i>Climate of the Past</i> , 2014 , 10, 1211-1219	3.9	28
180	Growth of a Pleistocene giant carbonate vein and nearby thermogene travertine deposits at Semproniano, southern Tuscany, Italy: Estimate of CO2 leakage. <i>Tectonophysics</i> , 2016 , 690, 219-239	3.1	28
179	Speleothem based 1000-year high resolution record of Indian monsoon variability during the last deglaciation. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014 , 395, 1-8	2.9	27
178	Oceanic magmatism in sedimentary basins of the northern Gulf of California rift. <i>Bulletin of the Geological Society of America</i> , 2013 , 125, 1833-1850	3.9	27
177	New dating evidence of the early presence of hominins in Southern Europe. <i>Scientific Reports</i> , 2017 , 7, 10074	4.9	27
176	Bronze Age volcanic event recorded in stalagmites by combined isotope and trace element studies. <i>Rapid Communications in Mass Spectrometry</i> , 2009 , 23, 801-8	2.2	27
175	High precision glacial-interglacial benthic foraminiferal Sr/Ca records from the eastern equatorial Atlantic Ocean and Caribbean Sea. <i>Earth and Planetary Science Letters</i> , 2001 , 190, 197-209	5.3	27
174	Calcite veining and feeding conduits in a hydrothermal system: Insights from a natural section across the Pleistocene G1mezli travertine depositional system (western Anatolia, Turkey). <i>Sedimentary Geology</i> , 2018 , 364, 180-203	2.8	27
173	Key travertine tectofacies for neotectonics and palaeoseismicity reconstruction: effects of hydrothermal overpressured fluid injection. <i>Journal of the Geological Society</i> , 2017 , 174, 679-699	2.7	26
172	Holocene stalagmite oxygen isotopic record from the Japan Sea side of the Japanese Islands, as a new proxy of the East Asian winter monsoon. <i>Quaternary Science Reviews</i> , 2013 , 75, 150-160	3.9	26
171	Mysterious abrupt carbon-14 increase in coral contributed by a comet. <i>Scientific Reports</i> , 2014 , 4, 3728	4.9	25
170	Rapid retreat of the East Asian summer monsoon in the middle Holocene and a millennial weak monsoon interval at 9 ka in northern China. <i>Journal of Asian Earth Sciences</i> , 2018 , 151, 31-39	2.8	25
169	Coral record of reduced El Nino activity in the early 15th to middle 17th centuries. <i>Geology</i> , 2013 , 41, 51-54	5	25
168	Application of U/Th and ⁴⁰ Ar/ ³⁹ Ar dating to Orgnac 3, a Late Acheulean and Early Middle Palaeolithic site in Ardèche, France. <i>PLoS ONE</i> , 2013 , 8, e82394	3.7	25
167	Natal origin of Pacific bluefin tuna <i>Thunnus orientalis</i> inferred from otolith oxygen isotope composition. <i>Marine Ecology - Progress Series</i> , 2010 , 420, 207-219	2.6	25
166	Potential influence of temperature changes in the Southern Hemisphere on the evolution of the Asian summer monsoon during the last glacial period. <i>Quaternary International</i> , 2016 , 392, 239-250	2	25
165	Changes in climate and vegetation of central Guizhou in southwest China since the last glacial reflected by stalagmite records from Yelang Cave. <i>Journal of Asian Earth Sciences</i> , 2015 , 114, 549-561	2.8	24
164	Trace-element variations in an annually layered stalagmite as recorders of climatic changes and anthropogenic pollution in Central China. <i>Quaternary Research</i> , 2014 , 81, 181-188	1.9	24

163	Radiocarbon dating of residual organic matter in travertine formed along the Yumoto Fault in Oga Peninsula, northeast Japan: Implications for long-term hot spring activity under the influence of earthquakes. <i>Sedimentary Geology</i> , 2012 , 243-244, 181-190	2.8	24
162	Stalagmite-inferred centennial variability of the Asian summer monsoon in southwest China between 58 and 79 ka BP. <i>Quaternary Science Reviews</i> , 2017 , 160, 1-12	3.9	23
161	High-resolution mid-Holocene Indian Summer Monsoon recorded in a stalagmite from the Kotumsar Cave, Central India. <i>Quaternary International</i> , 2018 , 479, 19-24	2	23
160	Refining temperature reconstructions with the Atlantic coral <i>Siderastrea siderea</i> . <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016 , 462, 1-15	2.9	23
159	Climate significance of speleothem $\delta^{18}O$ from central China on decadal timescale. <i>Journal of Asian Earth Sciences</i> , 2015 , 106, 150-155	2.8	22
158	Annually-resolved coral skeletal $\delta^{138}/^{134}Ba$ records: A new proxy for oceanic Ba cycling. <i>Geochimica Et Cosmochimica Acta</i> , 2019 , 247, 27-39	5.5	22
157	Dynamic millennial-scale climate changes in the northwestern Pacific over the past 40,000 years. <i>Geophysical Research Letters</i> , 2010 , 37, n/a-n/a	4.9	21
156	Uranium-Series Dating of Speleothems: Current Techniques, Limits, & Applications 2004 , 177-197		21
155	Acceleration of modern acidification in the South China Sea driven by anthropogenic CO ₂ <i>Scientific Reports</i> , 2014 , 4, 5148	4.9	20
154	Natural attrition and growth frequency variations of stalagmites in southwest Sulawesi over the past 530,000 years. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016 , 441, 823-833	2.9	20
153	Mid-Holocene climate conditions and moisture source variations based on stable H, C and O isotope compositions of speleothems in Hungary. <i>Quaternary International</i> , 2013 , 293, 150-156	2	20
152	Decadal changes in the mid-depth water mass dynamic of the Northeastern Atlantic margin (Bay of Biscay). <i>Earth and Planetary Science Letters</i> , 2013 , 364, 134-144	5.3	20
151	U-series disequilibrium in young Tengchong volcanics: Recycling of mature clay sediments or mudstones into the SE Tibetan mantle. <i>Lithos</i> , 2014 , 192-195, 132-141	2.9	20
150	Quantitative temperature reconstruction based on growth rate of annually-layered stalagmite: a case study from central China. <i>Quaternary Science Reviews</i> , 2013 , 72, 137-145	3.9	20
149	High precision measurements of Mg/Ca and Sr/Ca ratios in carbonates by cold plasma inductively coupled plasma quadrupole mass spectrometry. <i>Chemical Geology</i> , 2007 , 236, 339-349	4.2	20
148	Precise oxygen and hydrogen isotope determination in nanoliter quantities of speleothem inclusion water by cavity ring-down spectroscopic techniques. <i>Geochimica Et Cosmochimica Acta</i> , 2016 , 172, 159-176	5.5	19
147	Persistent decadal-scale rainfall variability in the tropical South Pacific Convergence Zone through the past six centuries. <i>Climate of the Past</i> , 2014 , 10, 1319-1332	3.9	19
146	Recent 121-year variability of western boundary upwelling in the northern South China Sea. <i>Geophysical Research Letters</i> , 2013 , 40, 3180-3183	4.9	19

145	Travertine deposits constraining transfer zone neotectonics in geothermal areas: An example from the inner Northern Apennines (Bagno Vignoni-Val d'Orcia area, Italy). <i>Geothermics</i> , 2020 , 85, 101763	4.3	19
144	Geochemical and U-Th isotopic insights on uranium enrichment in reservoir sediments. <i>Journal of Hazardous Materials</i> , 2021 , 414, 125466	12.8	19
143	Holocene Solar Activity Imprint on Centennial- to Multidecadal-Scale Hydroclimatic Oscillations in Arid Central Asia. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019 , 124, 2562-2573	4.4	18
142	Prior calcite precipitation and source mixing process influence Sr/Ca, Ba/Ca and $^{87}\text{Sr}/^{86}\text{Sr}$ of a stalagmite developed in southwestern Japan during 18.0-4.5 ka. <i>Chemical Geology</i> , 2013 , 347, 190-198	4.2	18
141	A penultimate glacial climate record from southern Hungary. <i>Journal of Quaternary Science</i> , 2017 , 32, 946-956	2.3	18
140	Surface Sediment Contamination by Uranium Mining/Milling Activities in South China. <i>Clean - Soil, Air, Water</i> , 2015 , 43, 414-420	1.6	18
139	Neodymium isotopic composition and concentration in the Southwest Pacific Ocean. <i>Geochemical Journal</i> , 2013 , 47, 409-422	0.9	18
138	Decoupling of stalagmite-derived Asian summer monsoon records from North Atlantic temperature change during marine oxygen isotope stage 5d. <i>Quaternary Research</i> , 2008 , 70, 315-321	1.9	18
137	Precisely dated multidecadally resolved Asian summer monsoon dynamics 113.586.6 thousand years ago. <i>Quaternary Science Reviews</i> , 2016 , 143, 1-12	3.9	18
136	Quaternary history of the Lake Magadi Basin, southern Kenya Rift: Tectonic and climatic controls. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019 , 518, 97-118	2.9	18
135	Reconstructing surface ocean circulation with 11 time series records from corals. <i>Journal of Environmental Radioactivity</i> , 2016 , 165, 144-150	2.4	17
134	Nonlinear climatic sensitivity to greenhouse gases over past 4 glacial/interglacial cycles. <i>Scientific Reports</i> , 2017 , 7, 4626	4.9	16
133	Sea-level rise and coral-reef development of Northwestern Luzon since 9.9 ka. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010 , 292, 465-473	2.9	16
132	Multi-scale Holocene Asian monsoon variability deduced from a twin-stalagmite record in southwestern China. <i>Quaternary Research</i> , 2016 , 86, 34-44	1.9	15
131	A long record of MIS 7 and MIS 5 climate and environment from a western Mediterranean speleothem (SW Sardinia, Italy). <i>Quaternary Science Reviews</i> , 2019 , 220, 230-243	3.9	15
130	Les derniers Homo heidelbergensis et leurs descendants les nāndertaliens: datation des sites d'Orignac 3, du Lazaret et de Zafarraya. <i>Comptes Rendus - Palevol</i> , 2011 , 10, 577-587	1.6	15
129	Interannual variation of rare earth element abundances in corals from northern coast of the South China Sea and its relation with sea-level change and human activities. <i>Marine Environmental Research</i> , 2011 , 71, 62-9	3.3	15
128	Precession and atmospheric CO ₂ modulated variability of sea ice in the central Okhotsk Sea since 130,000 years ago. <i>Earth and Planetary Science Letters</i> , 2018 , 488, 36-45	5.3	14

127	Quantification of paleo-aquifer changes using clumped isotopes in subaqueous carbonate speleothems. <i>Chemical Geology</i> , 2018 , 493, 246-257	4.2	14
126	Decoupling of the East Asian summer monsoon and Indian summer monsoon between 20 and 17 ka. <i>Quaternary Research</i> , 2014 , 82, 146-153	1.9	14
125	An ancient shallow slip event on the Mentawai segment of the Sunda megathrust, Sumatra. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		14
124	Replicated stalagmite-inferred centennial-to decadal-scale monsoon precipitation variability in southwest China since the mid Holocene. <i>Holocene</i> , 2013 , 23, 841-849	2.6	14
123	Variation of the Asian summer monsoon since the last glacial-interglacial recorded in a stalagmite from southwest China. <i>Quaternary Science Reviews</i> , 2020 , 234, 106261	3.9	13
122	Late Pleistocene zircon ages for intracaldera domes at Gök (Isparta, Turkey). <i>Journal of Volcanology and Geothermal Research</i> , 2014 , 286, 24-29	2.8	13
121	Quaternary hinterland evolution of the active Banda Arc: Surface uplift and neotectonic deformation recorded by coral terraces at Kisar, Indonesia. <i>Journal of Asian Earth Sciences</i> , 2013 , 73, 149-161	2.8	13
120	Reconstruction of Indian monsoon precipitation variability between 4.0 and 1.6 ka BP using speleothem $\delta^{18}O$ records from the Central Lesser Himalaya, India. <i>Arabian Journal of Geosciences</i> , 2017 , 10, 1	1.8	13
119	Variations of monsoonal rain and vegetation during the past millennium in Tianguai Mountain, North China reflected by stalagmite $\delta^{18}O$ and $\delta^{13}C$ records from Zhenzhu Cave. <i>Quaternary International</i> , 2017 , 447, 89-101	2	13
118	Occurrence of 1 ka-old corals on an uplifted reef terrace in west Luzon, Philippines: Implications for a prehistoric extreme wave event in the South China Sea region. <i>Geoscience Letters</i> , 2017 , 4,	3.5	13
117	Speleothems and pine trees as sensitive indicators of environmental pollution – A case study of the effect of uranium-ore mining in Hungary. <i>Applied Geochemistry</i> , 2011 , 26, 666-678	3.5	13
116	Asian monsoon dynamics at Dansgaard/Oeschger events 14B and Heinrich events 5A in northern China. <i>Quaternary Geochronology</i> , 2018 , 47, 72-80	2.7	13
115	An insight into the western Pacific wintertime moisture sources using dual water vapor isotopes. <i>Journal of Hydrology</i> , 2017 , 547, 111-123	6	12
114	Neodymium concentration and isotopic composition distributions in the southwestern Indian Ocean and the Indian sector of the Southern Ocean. <i>Chemical Geology</i> , 2019 , 511, 190-203	4.2	12
113	Improved analytical techniques of sulfur isotopic composition in nanomole quantities by MC-ICP-MS. <i>Analytica Chimica Acta</i> , 2017 , 988, 34-40	6.6	12
112	Determination of element/Ca ratios in foraminifera and corals using cold- and hot-plasma techniques in inductively coupled plasma sector field mass spectrometry. <i>Journal of Asian Earth Sciences</i> , 2014 , 81, 115-122	2.8	12
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97	Magmatic-like fluid source of the Chingshui geothermal field, NE Taiwan evidenced by carbonate clumped-isotope paleothermometry. <i>Journal of Asian Earth Sciences</i> , 2017 , 149, 124-133	2.8	9
96	C-Sr-Pb isotopic characteristics of PM2.5 transported on the East-Asian continental outflows. <i>Atmospheric Research</i> , 2019 , 223, 88-97	5.4	9
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