

Marc De Batist

List of Publications by Year in descending order

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Version: 2024-02-01

181
papers

7,282
citations

41258

49
h-index

76769

74
g-index

204
all docs

204
docs citations

204
times ranked

6037
citing authors

#	ARTICLE	IF	CITATIONS
1	Slope failure dynamics and impacts from seafloor and shallow sub-seafloor geophysical data: case studies from the COSTA project. <i>Marine Geology</i> , 2004, 213, 9-72.	0.9	348
2	Half-precessional dynamics of monsoon rainfall near the East African Equator. <i>Nature</i> , 2009, 462, 637-641.	13.7	280
3	1300-m-high rising bubbles from mud volcanoes at 2080m in the Black Sea: Hydroacoustic characteristics and temporal variability. <i>Earth and Planetary Science Letters</i> , 2006, 244, 1-15.	1.8	221
4	Lacustrine turbidites as a tool for quantitative earthquake reconstruction: New evidence for a variable rupture mode in south central Chile. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 1607-1633.	1.4	175
5	Geological and morphological setting of 2778 methane seeps in the Dnepr paleo-delta, northwestern Black Sea. <i>Marine Geology</i> , 2006, 227, 177-199.	0.9	168
6	The seismic-stratigraphic record of lake-level fluctuations in Lake Challa: Hydrological stability and change in equatorial East Africa over the last 140 kyr. <i>Earth and Planetary Science Letters</i> , 2010, 290, 214-223.	1.8	132
7	Erosional offshore sand ridges and lowstand shorefaces; examples from tide- and wave-dominated environments of France. <i>Journal of Sedimentary Research</i> , 1998, 68, 540-555.	0.8	131
8	Methane seepage along the Hikurangi Margin, New Zealand: Overview of studies in 2006 and 2007 and new evidence from visual, bathymetric and hydroacoustic investigations. <i>Marine Geology</i> , 2010, 272, 6-25.	0.9	114
9	Sublacustrine mud volcanoes and methane seeps caused by dissociation of gas hydrates in Lake Baikal. <i>Geology</i> , 2002, 30, 631.	2.0	105
10	Giant earthquakes in South-Central Chile revealed by Holocene mass-wasting events in Lake Puyehue. <i>Sedimentary Geology</i> , 2007, 195, 239-256.	1.0	101
11	Morphostructure and evolution of the central and Eastern Bransfield Basins (NW Antarctic) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5</i>	0.5	99
12	Environmental history of southern Patagonia unravelled by the seismic stratigraphy of Laguna Potrok Aike. <i>Sedimentology</i> , 2009, 56, 873-892.	1.6	99
13	A comparison of the sedimentary records of the 1960 and 2010 great Chilean earthquakes in 17 lakes: Implications for quantitative lacustrine palaeoseismology. <i>Sedimentology</i> , 2015, 62, 1466-1496.	1.6	98
14	Multiple bottom-simulating reflections in the Black Sea: Potential proxies of past climate conditions. <i>Marine Geology</i> , 2006, 227, 163-176.	0.9	97
15	Multi-frequency seismic study of gas hydrate-bearing sediments in Lake Baikal, Siberia. <i>Marine Geology</i> , 2001, 172, 1-21.	0.9	96
16	Frontal emplacement and mobility of sublacustrine landslides: Results from morphometric and seismostratigraphic analysis. <i>Marine Geology</i> , 2011, 285, 29-45.	0.9	93
17	Atlantic forcing of Western Mediterranean winter rain minima during the last 12,000 years. <i>Quaternary Science Reviews</i> , 2017, 157, 29-51.	1.4	92
18	New seismic stratigraphy and Late Tertiary history of the North Tanganyika Basin, East African Rift system, deduced from multichannel and high-resolution reflection seismic data and piston core evidence. <i>Basin Research</i> , 1996, 8, 1-28.	1.3	90

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19	Enhanced seismicity in the early post-glacial period: Evidence from the post-warm sediments of lake annecy, northwestern Alps. <i>Journal of Geodynamics</i> , 1996, 22, 155-171.	0.7	88
20	High-resolution seismic stratigraphy of glacial to interglacial fill of a deep glacial lake: Lake Le Bourget, Northwestern Alps, France. <i>Sedimentary Geology</i> , 1999, 128, 99-129.	1.0	82
21	Seafloor evidence of a subglacial sedimentary system off the northern Antarctic Peninsula. <i>Geology</i> , 2002, 30, 603.	2.0	82
22	Changes in the volume and salinity of Lake Khubsugul (Mongolia) in response to global climate changes in the upper Pleistocene and the Holocene. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2004, 209, 245-257.	1.0	79
23	The 600 yr eruptive history of Villarrica Volcano (Chile) revealed by annually laminated lake sediments. <i>Bulletin of the Geological Society of America</i> , 2014, 126, 481-498.	1.6	77
24	Gas hydrate of Lake Baikal: Discovery and varieties. <i>Journal of Asian Earth Sciences</i> , 2013, 62, 162-166.	1.0	76
25	Reconstruction of the Holocene seismotectonic activity of the Southern Andes from seismites recorded in Lago Icalma, Chile, 39°S. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2008, 259, 301-322.	1.0	72
26	A new methodology for quantifying bubble flow rates in deep water using splitbeam echosounders: Examples from the Arctic offshore NW-Svalbard. <i>Limnology and Oceanography: Methods</i> , 2015, 13, 267-287.	1.0	72
27	Lacustrine turbidites produced by surficial slope sediment remobilization: A mechanism for continuous and sensitive turbidite paleoseismic records. <i>Marine Geology</i> , 2017, 384, 159-176.	0.9	71
28	Seafloor imagery from the BIG'95 debris flow, western Mediterranean. <i>Geology</i> , 2002, 30, 871.	2.0	70
29	A systematic review of geological evidence for Holocene earthquakes and tsunamis along the Nankai-Suruga Trough, Japan. <i>Earth-Science Reviews</i> , 2016, 159, 337-357.	4.0	68
30	Anomalous sea-floor backscatter patterns in methane venting areas, Dnepr paleo-delta, NW Black Sea. <i>Marine Geology</i> , 2008, 251, 253-267.	0.9	66
31	Larger earthquakes recur more periodically: New insights in the megathrust earthquake cycle from lacustrine turbidite records in south-central Chile. <i>Earth and Planetary Science Letters</i> , 2018, 481, 9-19.	1.8	65
32	Active hydrate destabilization in Lake Baikal, Siberia?. <i>Terra Nova</i> , 2002, 14, 436-442.	0.9	64
33	Coastal lake sediments reveal 5500 years of tsunami history in south central Chile. <i>Quaternary Science Reviews</i> , 2017, 161, 99-116.	1.4	64
34	Architecture and long term evolution of a tidal sandbank: The Middelkerke Bank (southern North Sea). <i>Marine Geology</i> , 2010, 278, 10-20.	0.9	62
35	Atmospheric methane flux from bubbling seeps: Spatially extrapolated quantification from a Black Sea shelf area. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	61
36	Paleoseismic potential of sublacustrine landslide records in a high-seismicity setting (south-central Chile). <i>Journal of Geophysical Research</i> , 2010, 115, .	0.9	61

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37	Eustatic and hydrodynamic controls on the architecture of a deep shelf sand bank (Celtic Sea). <i>Sedimentology</i> , 1999, 46, 703-721.	1.6	60
38	The Gebra Slide: a submarine slide on the Trinity Peninsula Margin, Antarctica. <i>Marine Geology</i> , 2003, 193, 235-252.	0.9	58
39	Characterisation of the recent BIG'95 debris flow deposit on the Ebro margin, Western Mediterranean Sea, after a variety of seismic reflection data. <i>Marine Geology</i> , 2004, 213, 235-255.	0.9	58
40	Fluidization of buried mass-wasting deposits in lake sediments and its relevance for paleoseismology: Results from a reflection seismic study of lakes Villarrica and Calafqu�n (South-Central Chile). <i>Sedimentary Geology</i> , 2009, 213, 121-135.	1.0	58
41	Fluid-escape features as a precursor of a large sublacustrine sediment slide in Lake Le Bourget, NW Alps, France. <i>Terra Nova</i> , 2004, 16, 305-311.	0.9	57
42	Evolution of the Academician Ridge Accommodation Zone in the central part of the Baikal Rift, from high-resolution reflection seismic profiling and geological field investigations. <i>International Journal of Earth Sciences</i> , 2000, 89, 229-250.	0.9	56
43	Interglacial collapse of Cray Trough-mouth fan, Weddell Sea, Antarctica; implications for Antarctic glacial history. <i>Journal of Sedimentary Research</i> , 1999, 69, 1276-1289.	0.8	54
44	Relationship between continental rise development and palaeo-ice sheet dynamics, Northern Antarctic Peninsula Pacific margin. <i>Quaternary Science Reviews</i> , 2006, 25, 933-944.	1.4	54
45	Seismic expression of gas and gas hydrates across the western Black Sea. <i>Geo-Marine Letters</i> , 2007, 27, 173-183.	0.5	54
46	Fault kinematics and tectonic stress in the seismically active Manyara�Dodoma Rift segment in Central Tanzania � Implications for the East African Rift. <i>Journal of African Earth Sciences</i> , 2008, 51, 163-188.	0.9	54
47	Sandbox models of relay ramp structure and evolution. <i>Journal of Structural Geology</i> , 2005, 27, 459-473.	1.0	53
48	High-resolution seismic stratigraphy of late quaternary fill of Lake Annecy (northwestern Alps): evolution from glacial to interglacial sedimentary processes. <i>Sedimentary Geology</i> , 1998, 117, 71-96.	1.0	52
49	Sources and sinks of methane in Lake Baikal: A synthesis of measurements and modeling. <i>Limnology and Oceanography</i> , 2007, 52, 1824-1837.	1.6	52
50	Architecture and sequence stratigraphy of a late Neogene incised valley at the shelf margin, southern Celtic Sea. <i>Journal of Sedimentary Research</i> , 1999, 69, 351-364.	0.8	49
51	Two-stage opening of the Dover Strait and the origin of island Britain. <i>Nature Communications</i> , 2017, 8, 15101.	5.8	47
52	The role of sediment composition and behavior under dynamic loading conditions on slope failure initiation: a study of a subaqueous landslide in earthquake-prone South-Central Chile. <i>International Journal of Earth Sciences</i> , 2015, 104, 1439-1457.	0.9	46
53	Synchronisation of sedimentary records using tephra: A postglacial tephrochronological model for the Chilean Lake District. <i>Quaternary Science Reviews</i> , 2016, 137, 234-254.	1.4	46
54	The sensitivity of gas hydrate reservoirs to climate change: Perspectives from a new combined model for permafrost-related and marine settings. <i>Earth-Science Reviews</i> , 2017, 169, 104-131.	4.0	46

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55	A revised classification and terminology for stacked and amalgamated turbidites in environments dominated by (hemi)pelagic sedimentation. <i>Sedimentary Geology</i> , 2017, 357, 72-82.	1.0	46
56	Exposure-age record of Holocene ice sheet and ice shelf change in the northeast Antarctic Peninsula. <i>Quaternary Science Reviews</i> , 2013, 59, 101-111.	1.4	45
57	Sedimentary dynamics on isolated highs in Lake Baikal: evidence from detailed high-resolution geophysical data and sediment cores. <i>Global and Planetary Change</i> , 2005, 46, 125-144.	1.6	43
58	Widespread deformation of basin-plain sediments in Ays�n fjord (Chile) due to impact by earthquake-triggered, onshore-generated mass movements. <i>Marine Geology</i> , 2013, 337, 67-79.	0.9	43
59	The offshore Quaternary sediment bodies of the English Channel and its Western Approaches. <i>Journal of Quaternary Science</i> , 2003, 18, 361-371.	1.1	42
60	Active venting sites on the gas-hydrate-bearing Hikurangi Margin, off New Zealand: Diffusive- versus bubble-released methane. <i>Marine Geology</i> , 2010, 272, 233-250.	0.9	42
61	Structure and geodynamic evolution of the Central Bransfield Basin (NW Antarctica) from seismic reflection data. <i>Marine Geology</i> , 1998, 149, 17-38.	0.9	41
62	Lake-level rise in the late Pleistocene and active subaquatic volcanism since the Holocene in Lake Kivu, East African Rift. <i>Geomorphology</i> , 2014, 221, 274-285.	1.1	40
63	Late Quaternary evolution of Lago Castor (Chile, 45.6�S): Timing of the deglaciation in northern Patagonia and evolution of the southern westerlies during the last 17 kyr. <i>Quaternary Science Reviews</i> , 2016, 133, 130-146.	1.4	40
64	Tide and wave dynamics on a sand bank from the deep shelf of the Western Channel approaches. <i>Marine Geology</i> , 1999, 161, 339-359.	0.9	38
65	Active faulting at the western tip of the Gulf of Corinth, Greece, from high-resolution seismic data. <i>Marine Geology</i> , 2015, 360, 55-69.	0.9	38
66	Multidirectional, synchronously-triggered seismo�turbidites and debrites revealed by X-ray computed tomography (CT). <i>Sedimentology</i> , 2014, 61, 861-880.	1.6	36
67	Late Holocene glacial advance and ice shelf growth in Barilari Bay, Graham Land, west Antarctic Peninsula. <i>Bulletin of the Geological Society of America</i> , 2015, 127, 297-315.	1.6	36
68	Evidence for high-frequency cyclic fault activity from high-resolution seismic reflection survey, Rukwa Rift, Tanzania. <i>Journal of the Geological Society</i> , 2000, 157, 983-994.	0.9	35
69	Seismic evidence of small-scale lacustrine drifts in Lake Baikal (Russia). <i>Marine Geophysical Researches</i> , 2001, 22, 445-464.	0.5	35
70	Seismic stratigraphy of Lago Puyehue (Chilean Lake District): new views on its deglacial and Holocene evolution. <i>Journal of Paleolimnology</i> , 2008, 39, 163-177.	0.8	35
71	Deciphering lake and maar geometries from seismic refraction and reflection surveys in Laguna Potrok Aike (southern Patagonia, Argentina). <i>Journal of Volcanology and Geothermal Research</i> , 2011, 201, 357-363.	0.8	35
72	Geo- and hydro-acoustic manifestations of shallow gas and gas seeps in the Dnepr paleodelta, northwestern Black Sea. <i>The Leading Edge</i> , 2009, 28, 1030-1040.	0.4	34

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73	Seismically-triggered organic-rich layers in recent sediments from Çankırı Lake (North Anatolian) TJK114. <i>Journal of Petroleum Geology</i> , 2007, 29, 1-14.	0.784314	34
74	Methanotrophic microbial communities associated with bubble plumes above gas seeps in the Black Sea. <i>Geochemistry, Geophysics, Geosystems</i> , 2006, 7, n/a-n/a.	1.0	33
75	Sediment undulations on the Llobregat prodelta: Signs of early slope instability or sedimentary bedforms?. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	33
76	Stratigraphic and structural control on the distribution of gas hydrates and active gas seeps on the Posolsky Bank, Lake Baikal. <i>Geo-Marine Letters</i> , 2012, 32, 395-406.	0.5	33
77	Active margin processes along the Antarctic Peninsula. <i>Tectonophysics</i> , 1992, 201, 229-253.	0.9	32
78	Atypical heat-flow near gas hydrate irregularities and cold seeps in the Baikal Rift Zone. <i>Marine and Petroleum Geology</i> , 2002, 19, 1257-1274.	1.5	32
79	Tectonic, climatic and hydrothermal control on sedimentation and water chemistry of northern Lake Malawi (Nyasa), Tanzania. <i>Journal of African Earth Sciences</i> , 2005, 43, 433-446.	0.9	32
80	Quaternary Depositional Systems in Northern Lake Baikal, Siberia. <i>Journal of Geology</i> , 1999, 107, 1-12.	0.7	31
81	Long-term development and current status of the Barcelona continental shelf: A source-to-sink approach. <i>Continental Shelf Research</i> , 2007, 27, 1779-1800.	0.9	31
82	Bulk organic geochemistry of sediments from Puyehue Lake and its watershed (Chile, 40°S): Implications for paleoenvironmental reconstructions. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 294, 56-71.	1.0	31
83	Computer-based bathymetric map of Lake Baikal. <i>Doklady Earth Sciences</i> , 2006, 408, 564-569.	0.2	30
84	Incipient axial collapse of the Main Cordillera and strain partitioning gradient between the central and Patagonian Andes, Lago Laja, Chile. <i>Tectonics</i> , 2006, 25, n/a-n/a.	1.3	29
85	Seismic stratigraphy of the Central Bransfield Basin (NW Antarctic Peninsula): interpretation of deposits and sedimentary processes in a glacio-marine environment. <i>Marine Geology</i> , 1999, 157, 47-68.	0.9	28
86	The Celtic Sea banks: an example of sand body analysis from very high-resolution seismic data. <i>Marine Geology</i> , 1999, 158, 89-109.	0.9	28
87	Quaternary stratal architecture of the Barcelona prodeltaic continental shelf (NW Mediterranean). <i>Marine Geology</i> , 2008, 250, 234-250.	0.9	28
88	Flood-triggered versus earthquake-triggered turbidites: A sedimentological study in clastic lake sediments (Eklutna Lake, Alaska). <i>Sedimentology</i> , 2020, 67, 364-389.	1.6	28
89	A 450-ka long record of glaciation in Northern Mongolia based on studies at Lake Khubsugul: high-resolution reflection seismic data and grain-size variations in cored sediments. <i>Journal of Paleolimnology</i> , 2008, 39, 335-348.	0.8	27
90	Late Quaternary climatic changes in southern Chile, as recorded in a diatom sequence of Lago Puyehue (40°S). <i>Journal of Paleolimnology</i> , 2008, 39, 219-235.	0.8	27

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91	Reconstruction of Late-Quaternary sea- and lake-level changes in a tectonically active marginal basin using seismic stratigraphy: The Gulf of Cariaco, NE Venezuela. <i>Marine Geology</i> , 2011, 279, 37-51.	0.9	27
92	Single-grain feldspar luminescence chronology of historical extreme wave event deposits recorded in a coastal lowland, Pacific coast of central Japan. <i>Quaternary Geochronology</i> , 2018, 45, 37-49.	0.6	27
93	Mt. Fuji Holocene eruption history reconstructed from proximal lake sediments and high-density radiocarbon dating. <i>Quaternary Science Reviews</i> , 2018, 200, 395-405.	1.4	27
94	Distribution and morphology of mud volcanoes and other fluid flow-related lake-bed structures in Lake Baikal, Russia. <i>Geo-Marine Letters</i> , 2012, 32, 383-394.	0.5	26
95	Sedimentary records of past earthquakes in Boraboy Lake during the last ca 600 years (North) Tj ETQq1 1 0.784314 rgBT /Overlock 107	1.0	26
96	Title is missing!. <i>Journal of Paleolimnology</i> , 2001, 25, 149-161.	0.8	25
97	The sedimentary record of the 1960 tsunami in two coastal lakes on Isla de Chilo, south central Chile. <i>Sedimentary Geology</i> , 2015, 328, 73-86.	1.0	25
98	Structural evolution of the Teletsk graben (Russian Altai). <i>Tectonophysics</i> , 2002, 351, 139-167.	0.9	24
99	Streamlined islands and the English Channel megaflood hypothesis. <i>Global and Planetary Change</i> , 2015, 135, 190-206.	1.6	24
100	Seismic evidence of up to 200m lake-level change in Southern Patagonia since Marine Isotope Stage 4. <i>Sedimentology</i> , 2012, 59, 1087-1100.	1.6	23
101	Ice sheet retreat and glacio-isostatic adjustment in Lützow-Holm Bay, East Antarctica. <i>Quaternary Science Reviews</i> , 2017, 169, 85-98.	1.4	23
102	Machine learning classifiers for attributing tephra to source volcanoes: an evaluation of methods for Alaska tephtras. <i>Journal of Quaternary Science</i> , 2020, 35, 81-92.	1.1	23
103	A 3400-year lacustrine paleoseismic record from the North Anatolian Fault, Turkey: Implications for bimodal recurrence behavior. <i>Geophysical Research Letters</i> , 2014, 41, 377-384.	1.5	22
104	Varve formation during the past three centuries in three large proglacial lakes in south-central Alaska. <i>Bulletin of the Geological Society of America</i> , 2018, 130, 757-774.	1.6	22
105	The Frolikha Fan; a large Pleistocene glaciolacustrine outwash fan in northern Lake Baikal, Siberia. <i>Journal of Sedimentary Research</i> , 1998, 68, 841-849.	0.8	22
106	A 17,900-year multi-proxy lacustrine record of Lago Puyehue (Chilean Lake District): introduction. <i>Journal of Paleolimnology</i> , 2008, 39, 151-161.	0.8	21
107	Landslides Cause Tsunami Waves: Insights From Aysén Fjord, Chile. <i>Eos</i> , 2013, 94, 297-298.	0.1	21
108	Fault linkage in continental rifts: structure and evolution of a large relay ramp in Zavarotny; Lake Baikal (Russia). <i>Journal of Structural Geology</i> , 2006, 28, 1338-1351.	1.0	20

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109	Structure and recent evolution of the Hazar Basin: a strike-slip basin on the East Anatolian Fault, Eastern Turkey. <i>Basin Research</i> , 2011, 23, 191-207.	1.3	20
110	Thermal anomalies associated with shallow gas hydrates in the K-2 mud volcano, Lake Baikal. <i>Geo-Marine Letters</i> , 2012, 32, 407-417.	0.5	20
111	The influence of overpressure and focused fluid flow on subaquatic slope stability in a formerly glaciated basin: Lake Villarrica (South-Central Chile). <i>Marine Geology</i> , 2017, 383, 35-54.	0.9	20
112	Influence of bottom currents on the sedimentary processes at the western tip of the Gulf of Corinth, Greece. <i>Marine Geology</i> , 2016, 378, 312-332.	0.9	19
113	Reconstructing East African monsoon variability from grain-size distributions: End-member modeling and source attribution of diatom-rich sediments from Lake Chala. <i>Quaternary Science Reviews</i> , 2020, 247, 106574.	1.4	19
114	1,000-Year Environmental History of Lake Issyk-Kul. <i>NATO Science Series Series IV, Earth and Environmental Sciences</i> , 2004, , 253-285.	0.3	19
115	Title is missing!. , 1998, 77, 17-37.		18
116	Forearc uplift rates deduced from sediment cores of two coastal lakes in south-central Chile. <i>Tectonophysics</i> , 2010, 495, 129-143.	0.9	18
117	Absence of a Medieval Climate Anomaly, Little Ice Age and twentieth century warming in Skarvsnes, LÅ¼tzow Holm Bay, East Antarctica. <i>Antarctic Science</i> , 2014, 26, 585-598.	0.5	18
118	Fault activity in the epicentral area of the 1580 Dover Strait (Pas-de-Calais) earthquake (northwestern) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.0	18
119	The Sedimentary Record of the 2018 Anchorage Earthquake in Eklutna Lake, Alaska: Calibrating the Lacustrine Seismograph. <i>Seismological Research Letters</i> , 2020, 91, 126-141.	0.8	18
120	Seismic sequence stratigraphy of the Palaeogene offshore of Belgium, southern North Sea. <i>Journal of the Geological Society</i> , 1995, 152, 27-40.	0.9	17
121	Detailed seismic stratigraphy of Lago Puyehue: implications for the mode and timing of glacier retreat in the Chilean Lake District. <i>Journal of Quaternary Science</i> , 2011, 26, 665-674.	1.1	17
122	Variability of Acoustically Evidenced Methane Bubble Emissions Offshore Western Svalbard. <i>Geophysical Research Letters</i> , 2019, 46, 9072-9081.	1.5	17
123	The subaqueous landslide cycle in south-central Chilean lakes: The role of tephra, slope gradient and repeated seismic shaking. <i>Sedimentary Geology</i> , 2019, 381, 84-105.	1.0	17
124	Turbidite stratigraphy in proglacial lakes: Deciphering trigger mechanisms using a statistical approach. <i>Sedimentology</i> , 2020, 67, 2332-2359.	1.6	17
125	TECTONICALLY CONTROLLED METHANE ESCAPE IN LAKE BAIKAL. , 2006, , 203-219.		17
126	Bathymetry and Sedimentary Environments of Lake Issyk-Kul, Kyrgyz Republic (Central Asia): A Large, High-Altitude, Tectonic Lake. , 2002, , 101-123.		17

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127	Historical Nankai-Suruga megathrust earthquakes recorded by tsunami and terrestrial mass movement deposits on the Shirasuka coastal lowlands, Shizuoka Prefecture, Japan. <i>Holocene</i> , 2018, 28, 968-983.	0.9	16
128	Paleotsunami record of the past 4300 years in the complex coastal lake system of Lake Cucao, Chiloé Island, south central Chile. <i>Sedimentary Geology</i> , 2020, 401, 105644.	1.0	16
129	Comparison between high-resolution seismic and sequence stratigraphic approaches applied to the upper Jurassic deposits of the Dover Strait area (Northern France). <i>Marine and Petroleum Geology</i> , 1998, 15, 329-342.	1.5	15
130	Molecular and isotopic composition of hydrate-bound and dissolved gases in the southern basin of Lake Baikal, based on an improved headspace gas method. <i>Geo-Marine Letters</i> , 2012, 32, 465-472.	0.5	15
131	High-amplitude lake-level changes in tectonically active Lake Issyk-Kul (Kyrgyzstan) revealed by high-resolution seismic reflection data. <i>Climate of the Past</i> , 2017, 13, 73-92.	1.3	15
132	Can turbidites be used to reconstruct a paleoearthquake record for the central Sumatran margin?: COMMENT. <i>Geology</i> , 2014, 42, e344-e344.	2.0	14
133	Late Quaternary climatic control of Lake Baikal (Russia) turbidite systems: Implications for turbidite systems worldwide. <i>Geology</i> , 2017, 45, 179-182.	2.0	14
134	New approach to assessing age uncertainties – The 2300-year varve chronology from Eklutna Lake, Alaska (USA). <i>Quaternary Science Reviews</i> , 2019, 203, 90-101.	1.4	14
135	What controls the remobilization and deformation of surficial sediment by seismic shaking? Linking lacustrine slope stratigraphy to great earthquakes in South-Central Chile. <i>Sedimentology</i> , 2021, 68, 2365-2396.	1.6	14
136	Geological characteristics and geotechnical properties of Eocene and Quaternary deposits on the Belgian continental shelf: synthesis in the context of offshore wind farming. <i>Geologie En Mijnbouw/Netherlands Journal of Geosciences</i> , 2005, 84, 147-160.	0.6	13
137	Shallow-rooted mud volcanism in Lake Baikal. <i>Marine and Petroleum Geology</i> , 2019, 102, 580-589.	1.5	13
138	Characteristics of hydrate-bound gas retrieved at the Kedr mud volcano (southern Lake Baikal). <i>Scientific Reports</i> , 2020, 10, 14747.	1.6	13
139	Sequence stratigraphy and architecture on a ramp-type continental shelf: the Belgian Palaeogene. <i>Geological Society Special Publication</i> , 1996, 117, 23-48.	0.8	12
140	Subaquatic paleoseismology: records of large Holocene earthquakes in marine and lacustrine sediments. <i>Marine Geology</i> , 2017, 384, 1-3.	0.9	12
141	Sediment reflectance spectroscopy as a paleohydrological proxy in East Africa. <i>Limnology and Oceanography: Methods</i> , 2018, 16, 92-105.	1.0	12
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