

# Marc De Batist

## List of Publications by Citations

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179  
papers

5,963  
citations

45  
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66  
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204  
ext. papers

6,648  
ext. citations

3.5  
avg, IF

5.4  
L-index

#	Paper	IF	Citations
179	Slope failure dynamics and impacts from seafloor and shallow sub-seafloor geophysical data: case studies from the COSTA project. <i>Marine Geology</i> , <b>2004</b> , 213, 9-72	3.3	312
178	Half-precessional dynamics of monsoon rainfall near the East African Equator. <i>Nature</i> , <b>2009</b> , 462, 637-415	50.4	244
177	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> , <b>2006</b> , 244, 1-15	5.3	189
176	Geological and morphological setting of 2778 methane seeps in the Dnepr paleo-delta, northwestern Black Sea. <i>Marine Geology</i> , <b>2006</b> , 227, 177-199	3.3	145
175	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> , <b>2014</b> , 119, 1607-1633	3.6	139
174	Erosional offshore sand ridges and lowstand shorefaces; examples from tide- and wave-dominated environments of France. <i>Journal of Sedimentary Research</i> , <b>1998</b> , 68, 540-555	2.1	115
173	The seismic-stratigraphic record of lake-level fluctuations in Lake Challa: Hydrological stability and change in equatorial East Africa over the last 140kyr. <i>Earth and Planetary Science Letters</i> , <b>2010</b> , 290, 214-223	5.3	111
172	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> , <b>2010</b> , 272, 6-25	3.3	94
171	Giant earthquakes in South-Central Chile revealed by Holocene mass-wasting events in Lake Puyehue. <i>Sedimentary Geology</i> , <b>2007</b> , 195, 239-256	2.8	93
170	Sublacustrine mud volcanoes and methane seeps caused by dissociation of gas hydrates in Lake Baikal. <i>Geology</i> , <b>2002</b> , 30, 631	5	91
169	Environmental history of southern Patagonia unravelled by the seismic stratigraphy of Laguna Potrok Aike. <i>Sedimentology</i> , <b>2009</b> , 56, 873-892	3.3	89
168	Multi-frequency seismic study of gas hydrate-bearing sediments in Lake Baikal, Siberia. <i>Marine Geology</i> , <b>2001</b> , 172, 1-21	3.3	86
167	Morphostructure and evolution of the central and Eastern Bransfield Basins (NW Antarctic Peninsula). <i>Marine Geophysical Researches</i> , <b>1996</b> , 18, 429-448	2.3	86
166	Multiple bottom-simulating reflections in the Black Sea: Potential proxies of past climate conditions. <i>Marine Geology</i> , <b>2006</b> , 227, 163-176	3.3	80
165	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> , <b>2015</b> , 62, 1466-1496	3.3	78
164	Frontal emplacement and mobility of sublacustrine landslides: Results from morphometric and seismostratigraphic analysis. <i>Marine Geology</i> , <b>2011</b> , 285, 29-45	3.3	78
163	High-resolution seismic stratigraphy of glacial to interglacial fill of a deep glacial lake: Lake Le Bourget, Northwestern Alps, France. <i>Sedimentary Geology</i> , <b>1999</b> , 128, 99-129	2.8	77

162	Seafloor evidence of a subglacial sedimentary system off the northern Antarctic Peninsula. <i>Geology</i> , <b>2002</b> , 30, 603	5	75
161	Atlantic forcing of Western Mediterranean winter rain minima during the last 12,000 years. <i>Quaternary Science Reviews</i> , <b>2017</b> , 157, 29-51	3.9	74
160	Enhanced seismicity in the early post-glacial period: Evidence from the post-warm sediments of lake annecy, northwestern Alps. <i>Journal of Geodynamics</i> , <b>1996</b> , 22, 155-171	2.2	74
159	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> , <b>1996</b> , 8, 1-28	3.2	73
158	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> , <b>2004</b> , 209, 245-257	2.9	71
157	Seafloor imagery from the BIG5 debris flow, western Mediterranean. <i>Geology</i> , <b>2002</b> , 30, 871	5	62
156	Anomalous sea-floor backscatter patterns in methane venting areas, Dnepr paleo-delta, NW Black Sea. <i>Marine Geology</i> , <b>2008</b> , 251, 253-267	3.3	61
155	Reconstruction of the Holocene seismotectonic activity of the Southern Andes from seismites recorded in Lago Icalma, Chile, 39°S. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2008</b> , 259, 301-322	2.9	60
154	Gas hydrate of Lake Baikal: Discovery and varieties. <i>Journal of Asian Earth Sciences</i> , <b>2013</b> , 62, 162-166	2.8	58
153	Active hydrate destabilization in Lake Baikal, Siberia?. <i>Terra Nova</i> , <b>2002</b> , 14, 436-442	3	56
152	Architecture and long term evolution of a tidal sandbank: The Middelkerke Bank (southern North Sea). <i>Marine Geology</i> , <b>1994</b> , 121, 57-72	3.3	56
151	Atmospheric methane flux from bubbling seeps: Spatially extrapolated quantification from a Black Sea shelf area. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115,		55
150	Eustatic and hydrodynamic controls on the architecture of a deep shelf sand bank (Celtic Sea). <i>Sedimentology</i> , <b>1999</b> , 46, 703-721	3.3	54
149	A systematic review of geological evidence for Holocene earthquakes and tsunamis along the Nankai-Suruga Trough, Japan. <i>Earth-Science Reviews</i> , <b>2016</b> , 159, 337-357	10.2	53
148	The 600 yr eruptive history of Villarrica Volcano (Chile) revealed by annually laminated lake sediments. <i>Bulletin of the Geological Society of America</i> , <b>2014</b> , 126, 481-498	3.9	53
147	Fluidization of buried mass-wasting deposits in lake sediments and its relevance for paleoseismology: Results from a reflection seismic study of lakes Villarrica and Calafquē (South-Central Chile). <i>Sedimentary Geology</i> , <b>2009</b> , 213, 121-135	2.8	53
146	Fluid-escape features as a precursor of a large sublacustrine sediment slide in Lake Le Bourget, NW Alps, France. <i>Terra Nova</i> , <b>2004</b> , 16, 305-311	3	53
145	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> , <b>2015</b> , 13, 267-287	2.6	52

144	The Gebra Slide: a submarine slide on the Trinity Peninsula Margin, Antarctica. <i>Marine Geology</i> , <b>2003</b> , 193, 235-252	3.3	52
143	Relationship between continental rise development and palaeo-ice sheet dynamics, Northern Antarctic Peninsula Pacific margin. <i>Quaternary Science Reviews</i> , <b>2006</b> , 25, 933-944	3.9	51
142	Characterisation of the recent BIG95 debris flow deposit on the Ebro margin, Western Mediterranean Sea, after a variety of seismic reflection data. <i>Marine Geology</i> , <b>2004</b> , 213, 235-255	3.3	51
141	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> , <b>2000</b> , 89, 229-250	2.2	51
140	Lacustrine turbidites produced by surficial slope sediment remobilization: A mechanism for continuous and sensitive turbidite paleoseismic records. <i>Marine Geology</i> , <b>2017</b> , 384, 159-176	3.3	50
139	Interglacial collapse of Crary Trough-mouth fan, Weddell Sea, Antarctica; implications for Antarctic glacial history. <i>Journal of Sedimentary Research</i> , <b>1999</b> , 69, 1276-1289	2.1	50
138	Paleoseismic potential of sublacustrine landslide records in a high-seismicity setting (south-central Alaska). <i>Marine Geology</i> , <b>2017</b> , 384, 103-119	3.3	48
137	Seismic expression of gas and gas hydrates across the western Black Sea. <i>Geo-Marine Letters</i> , <b>2007</b> , 27, 173-183	1.9	47
136	Coastal lake sediments reveal 5500 years of tsunami history in south central Chile. <i>Quaternary Science Reviews</i> , <b>2017</b> , 161, 99-116	3.9	45
135	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> , <b>2018</b> , 481, 9-19	5.3	45
134	High-resolution seismic stratigraphy of late quaternary fill of Lake Annecy (northwestern Alps): evolution from glacial to interglacial sedimentary processes. <i>Sedimentary Geology</i> , <b>1998</b> , 117, 71-96	2.8	44
133	Sandbox models of relay ramp structure and evolution. <i>Journal of Structural Geology</i> , <b>2005</b> , 27, 459-473	3	44
132	Synchronisation of sedimentary records using tephra: A postglacial tephrochronological model for the Chilean Lake District. <i>Quaternary Science Reviews</i> , <b>2016</b> , 137, 234-254	3.9	41
131	Sedimentary dynamics on isolated highs in Lake Baikal: evidence from detailed high-resolution geophysical data and sediment cores. <i>Global and Planetary Change</i> , <b>2005</b> , 46, 125-144	4.2	41
130	Structure and geodynamic evolution of the Central Bransfield Basin (NW Antarctica) from seismic reflection data. <i>Marine Geology</i> , <b>1998</b> , 149, 17-38	3.3	40
129	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> , <b>2008</b> , 51, 163-188	2.2	39
128	The offshore Quaternary sediment bodies of the English Channel and its Western Approaches. <i>Journal of Quaternary Science</i> , <b>2003</b> , 18, 361-371	2.3	37
127	Exposure-age record of Holocene ice sheet and ice shelf change in the northeast Antarctic Peninsula. <i>Quaternary Science Reviews</i> , <b>2013</b> , 59, 101-111	3.9	36

126	Widespread deformation of basin-plain sediments in Aysñ fjord (Chile) due to impact by earthquake-triggered, onshore-generated mass movements. <i>Marine Geology</i> , <b>2013</b> , 337, 67-79	3.3	36
125	Active venting sites on the gas-hydrate-bearing Hikurangi Margin, off New Zealand: Diffusive-versus bubble-released methane. <i>Marine Geology</i> , <b>2010</b> , 272, 233-250	3.3	36
124	Architecture and sequence stratigraphy of a late Neogene incised valley at the shelf margin, southern Celtic Sea. <i>Journal of Sedimentary Research</i> , <b>1999</b> , 69, 351-364	2.1	36
123	Sources and sinks of methane in Lake Baikal: A synthesis of measurements and modeling. <i>Limnology and Oceanography</i> , <b>2007</b> , 52, 1824-1837	4.8	35
122	Tide and wave dynamics on a sand bank from the deep shelf of the Western Channel approaches. <i>Marine Geology</i> , <b>1999</b> , 161, 339-359	3.3	35
121	Lake-level rise in the late Pleistocene and active subaquatic volcanism since the Holocene in Lake Kivu, East African Rift. <i>Geomorphology</i> , <b>2014</b> , 221, 274-285	4.3	33
120	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> , <b>2011</b> , 201, 357-363	2.8	33
119	Seismic stratigraphy of Lago Puyehue (Chilean Lake District): new views on its deglacial and Holocene evolution. <i>Journal of Paleolimnology</i> , <b>2008</b> , 39, 163-177	2.1	33
118	Two-stage opening of the Dover Strait and the origin of island Britain. <i>Nature Communications</i> , <b>2017</b> , 8, 15101	17.4	32
117	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> , <b>2016</b> , 133, 130-146	3.9	32
116	Active faulting at the western tip of the Gulf of Corinth, Greece, from high-resolution seismic data. <i>Marine Geology</i> , <b>2015</b> , 360, 55-69	3.3	32
115	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> , <b>2015</b> , 104, 1439-1457	2.2	32
114	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> , <b>2015</b> , 127, 297-315	3.9	31
113	Multidirectional, synchronously-triggered seismo-turbidites and debrites revealed by X-ray computed tomography (CT). <i>Sedimentology</i> , <b>2014</b> , 61, 861-880	3.3	31
112	A revised classification and terminology for stacked and amalgamated turbidites in environments dominated by (hemi)pelagic sedimentation. <i>Sedimentary Geology</i> , <b>2017</b> , 357, 72-82	2.8	30
111	Atypical heat-flow near gas hydrate irregularities and cold seeps in the Baikal Rift Zone. <i>Marine and Petroleum Geology</i> , <b>2002</b> , 19, 1257-1274	4.7	30
110	Evidence for high-frequency cyclic fault activity from high-resolution seismic reflection survey, Rukwa Rift, Tanzania. <i>Journal of the Geological Society</i> , <b>2000</b> , 157, 983-994	2.7	30
109	Active margin processes along the Antarctic Peninsula. <i>Tectonophysics</i> , <b>1992</b> , 201, 229-253	3.1	30

108	Long-term development and current status of the Barcelona continental shelf: A source-to-sink approach. <i>Continental Shelf Research</i> , <b>2007</b> , 27, 1779-1800	2.4	29
107	Lacustrine sedimentary records of brutal events in Lake Le Bourget (Northwestern Alps-Southern Jura) [ Enregistrements d'événements brutaux dans la sédimentation lacustre du Lac du Bourget (Alpes occidentales-Jura méridional)]. <i>Quaternaire</i> , <b>1996</b> , 7, 155-168	0.5	29
106	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> , <b>2017</b> , 169, 104-131	10.2	28
105	Sediment undulations on the Llobregat prodelta: Signs of early slope instability or sedimentary bedforms?. <i>Journal of Geophysical Research</i> , <b>2007</b> , 112,		28
104	Seismic evidence of small-scale lacustrine drifts in Lake Baikal (Russia). <i>Marine Geophysical Researches</i> , <b>2001</b> , 22, 445-464	2.3	28
103	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> , <b>2012</b> , 32, 395-406	1.9	27
102	Tectonic, climatic and hydrothermal control on sedimentation and water chemistry of northern Lake Malawi (Nyasa), Tanzania. <i>Journal of African Earth Sciences</i> , <b>2005</b> , 43, 433-446	2.2	27
101	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> , <b>2011</b> , 279, 37-51	3.3	25
100	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> , <b>2008</b> , 39, 335-348	2.1	25
99	Methanotrophic microbial communities associated with bubble plumes above gas seeps in the Black Sea. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2006</b> , 7, n/a-n/a	3.6	25
98	Bulk organic geochemistry of sediments from Puyehue Lake and its watershed (Chile, 40°S): Implications for paleoenvironmental reconstructions. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2010</b> , 294, 56-71	2.9	24
97	Quaternary stratal architecture of the Barcelona prodeltaic continental shelf (NW Mediterranean). <i>Marine Geology</i> , <b>2008</b> , 250, 234-250	3.3	24
96	Late Quaternary climatic changes in southern Chile, as recorded in a diatom sequence of Lago Puyehue (40°40' S). <i>Journal of Paleolimnology</i> , <b>2008</b> , 39, 219-235	2.1	24
95	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> , <b>1999</b> , 157, 47-68	3.3	24
94	Quaternary Depositional Systems in Northern Lake Baikal, Siberia. <i>Journal of Geology</i> , <b>1999</b> , 107, 1-12	2	24
93	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> , <b>2018</b> , 45, 37-49	2.7	23
92	Seismically-triggered organic-rich layers in recent sediments from Gökçe Lake (North Anatolian Fault, Turkey). <i>Quaternary Science Reviews</i> , <b>2014</b> , 103, 67-80	3.9	23
91	Distribution and morphology of mud volcanoes and other fluid flow-related lake-bed structures in Lake Baikal, Russia. <i>Geo-Marine Letters</i> , <b>2012</b> , 32, 383-394	1.9	23

90	Seismic evidence of up to 200 m lake-level change in Southern Patagonia since Marine Isotope Stage 4. <i>Sedimentology</i> , <b>2012</b> , 59, 1087-1100	3.3	23
89	Geo- and hydro-acoustic manifestations of shallow gas and gas seeps in the Dnepr paleodelta, northwestern Black Sea. <i>The Leading Edge</i> , <b>2009</b> , 28, 1030-1040	1	23
88	Incipient axial collapse of the Main Cordillera and strain partitioning gradient between the central and Patagonian Andes, Lago Laja, Chile. <i>Tectonics</i> , <b>2006</b> , 25, n/a-n/a	4.3	23
87	Structural evolution of the Teletsk graben (Russian Altai). <i>Tectonophysics</i> , <b>2002</b> , 351, 139-167	3.1	23
86	The Celtic Sea banks: an example of sand body analysis from very high-resolution seismic data. <i>Marine Geology</i> , <b>1999</b> , 158, 89-109	3.3	23
85	A 17,900-year multi-proxy lacustrine record of Lago Puyehue (Chilean Lake District): introduction. <i>Journal of Paleolimnology</i> , <b>2008</b> , 39, 151-161	2.1	21
84	Streamlined islands and the English Channel megaflood hypothesis. <i>Global and Planetary Change</i> , <b>2015</b> , 135, 190-206	4.2	20
83	Ice sheet retreat and glacio-isostatic adjustment in Lázow-Holm Bay, East Antarctica. <i>Quaternary Science Reviews</i> , <b>2017</b> , 169, 85-98	3.9	19
82	Landslides Cause Tsunami Waves: Insights From Aysb Fjord, Chile. <i>Eos</i> , <b>2013</b> , 94, 297-298	1.5	19
81	The late Quaternary sedimentary infill of Lake Annecy (northwestern Alps): an overview from two seismic-reflection surveys. <i>Journal of Paleolimnology</i> , <b>2001</b> , 25, 149-161	2.1	19
80	A 3400 year lacustrine paleoseismic record from the North Anatolian Fault, Turkey: Implications for bimodal recurrence behavior. <i>Geophysical Research Letters</i> , <b>2014</b> , 41, 377-384	4.9	18
79	Fault linkage in continental rifts: structure and evolution of a large relay ramp in Zavarotny; Lake Baikal (Russia). <i>Journal of Structural Geology</i> , <b>2006</b> , 28, 1338-1351	3	18
78	Computer-based bathymetric map of Lake Baikal. <i>Doklady Earth Sciences</i> , <b>2006</b> , 408, 564-569	0.6	18
77	Sedimentary records of past earthquakes in Boraboy Lake during the last ca 600 years (North Anatolian Fault, Turkey). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2015</b> , 433, 1-9	2.9	17
76	Forearc uplift rates deduced from sediment cores of two coastal lakes in south-central Chile. <i>Tectonophysics</i> , <b>2010</b> , 495, 129-143	3.1	17
75	Seismic stratigraphy of the Mesozoic and Cenozoic in northern Belgium: main results of a high-resolution reflection seismic survey along rivers and canals <b>1998</b> , 77, 17-37		17
74	Flood-triggered versus earthquake-triggered turbidites: A sedimentological study in clastic lake sediments (Eklutna Lake, Alaska). <i>Sedimentology</i> , <b>2020</b> , 67, 364-389	3.3	17
73	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> , <b>2018</b> , 130, 757-774	3.9	17

72	The sedimentary record of the 1960 tsunami in two coastal lakes on Isla de Chilo—south central Chile. <i>Sedimentary Geology</i> , <b>2015</b> , 328, 73-86	2.8	16
71	Thermal anomalies associated with shallow gas hydrates in the K-2 mud volcano, Lake Baikal. <i>Geo-Marine Letters</i> , <b>2012</b> , 32, 407-417	1.9	16
70	The Frolikha Fan; a large Pleistocene glaciolacustrine outwash fan in northern Lake Baikal, Siberia. <i>Journal of Sedimentary Research</i> , <b>1998</b> , 68, 841-849	2.1	16
69	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> , <b>2017</b> , 383, 35-54	3.3	15
68	Influence of bottom currents on the sedimentary processes at the western tip of the Gulf of Corinth, Greece. <i>Marine Geology</i> , <b>2016</b> , 378, 312-332	3.3	15
67	Absence of a Medieval Climate Anomaly, Little Ice Age and twentieth century warming in Skarvsnes, Lützow Holm Bay, East Antarctica. <i>Antarctic Science</i> , <b>2014</b> , 26, 585-598	1.7	15
66	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> , <b>2011</b> , 26, 665-674	2.3	15
65	1,000-Year Environmental History of Lake Issyk-Kul. <i>NATO Science Series Series IV, Earth and Environmental Sciences</i> , <b>2004</b> , 253-285		15
64	Mt. Fuji Holocene eruption history reconstructed from proximal lake sediments and high-density radiocarbon dating. <i>Quaternary Science Reviews</i> , <b>2018</b> , 200, 395-405	3.9	15
63	Historical Nankai-Suruga megathrust earthquakes recorded by tsunami and terrestrial mass movement deposits on the Shirasuka coastal lowlands, Shizuoka Prefecture, Japan. <i>Holocene</i> , <b>2018</b> , 28, 968-983	2.6	14
62	Fault activity in the epicentral area of the 1580 Dover Strait (Pas-de-Calais) earthquake (northwestern Europe). <i>Geophysical Journal International</i> , <b>2015</b> , 201, 528-542	2.6	14
61	Structure and recent evolution of the Hazar Basin: a strike-slip basin on the East Anatolian Fault, Eastern Turkey. <i>Basin Research</i> , <b>2011</b> , 23, 191-207	3.2	14
60	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> , <b>1998</b> , 15, 329-342	4.7	14
59	TECTONICALLY CONTROLLED METHANE ESCAPE IN LAKE BAIKAL <b>2006</b> , 203-219		14
58	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> , <b>2012</b> , 32, 465-472	1.9	13
57	Seismic sequence stratigraphy of the Palaeogene offshore of Belgium, southern North Sea. <i>Journal of the Geological Society</i> , <b>1995</b> , 152, 27-40	2.7	13
56	The subaqueous landslide cycle in south-central Chilean lakes: The role of tephra, slope gradient and repeated seismic shaking. <i>Sedimentary Geology</i> , <b>2019</b> , 381, 84-105	2.8	13
55	Can turbidites be used to reconstruct a paleoearthquake record for the central Sumatran margin?: COMMENT. <i>Geology</i> , <b>2014</b> , 42, e344-e344	5	12



54	Bathymetry and Sedimentary Environments of Lake Issyk-Kul, Kyrgyz Republic (Central Asia): A Large, High-Altitude, Tectonic Lake <b>2002</b> , 101-123		12
53	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> , <b>2017</b> , 13, 73-92	3.9	11
52	Seismic stratigraphy of the late Quaternary sedimentary infill of Lac d'Armor (Kerguelen archipelago): a record of glacier retreat, sedimentary mass wasting and southern Westerly intensification. <i>Antarctic Science</i> , <b>2012</b> , 24, 608-618	1.7	11
51	The Sedimentary Record of the 2018 Anchorage Earthquake in Eklutna Lake, Alaska: Calibrating the Lacustrine Seismograph. <i>Seismological Research Letters</i> , <b>2020</b> , 91, 126-141	3	11
50	Late Quaternary climatic control of Lake Baikal (Russia) turbidite systems: Implications for turbidite systems worldwide. <i>Geology</i> , <b>2017</b> , 45, 179-182	5	10
49	Variability of Acoustically Evidenced Methane Bubble Emissions Offshore Western Svalbard. <i>Geophysical Research Letters</i> , <b>2019</b> , 46, 9072-9081	4.9	10
48	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> , <b>2005</b> , 84, 147-160	1.1	10
47	Spatial distribution of methane over Lake Baikal surface. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2007</b> , 66, 788-95	4.4	9
46	Near-surface sediment mobilization and methane venting in relation to hydrate destabilization in Southern Lake Baikal, Siberia. <i>Geological Society Special Publication</i> , <b>2003</b> , 216, 207-221	1.7	9
45	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> , <b>2020</b> , 247, 106574	3.9	9
44	Machine learning classifiers for attributing tephra to source volcanoes: an evaluation of methods for Alaska tephtras. <i>Journal of Quaternary Science</i> , <b>2020</b> , 35, 81-92	2.3	8
43	Seismic stratigraphy of Late Quaternary glacial to marine sediments offshore Bornholm, southern Baltic Sea. <i>Sedimentary Geology</i> , <b>1996</b> , 102, 3-21	2.8	8
42	Sequence stratigraphy and architecture on a ramp-type continental shelf: the Belgian Palaeogene. <i>Geological Society Special Publication</i> , <b>1996</b> , 117, 23-48	1.7	8
41	Recent Paleoenvironmental Evolution of Lake Issyk-Kul <b>2002</b> , 125-145		8
40	Turbidite stratigraphy in proglacial lakes: Deciphering trigger mechanisms using a statistical approach. <i>Sedimentology</i> , <b>2020</b> , 67, 2332-2359	3.3	8
39	New approach to assessing age uncertainties □The 2300-year varve chronology from Eklutna Lake, Alaska (USA). <i>Quaternary Science Reviews</i> , <b>2019</b> , 203, 90-101	3.9	8
38	A well-preserved Eemian incised-valley fill in the southern North Sea Basin, Belgian Continental Shelf - Coastal Plain: Implications for northwest European landscape evolution. <i>Earth Surface Processes and Landforms</i> , <b>2018</b> , 43, 1913-1942	3.7	7
37	Characteristics of hydrate-bound gas retrieved at the Kedr mud volcano (southern Lake Baikal). <i>Scientific Reports</i> , <b>2020</b> , 10, 14747	4.9	7

36	Paleotsunami record of the past 4300 years in the complex coastal lake system of Lake Cucao, Chilo Island, south central Chile. <i>Sedimentary Geology</i> , <b>2020</b> , 401, 105644	2.8	6
35	Sediment reflectance spectroscopy as a paleo-hydrological proxy in East Africa. <i>Limnology and Oceanography: Methods</i> , <b>2018</b> , 16, 92-105	2.6	6
34	Lake Baikal's response to remote earthquakes: Lake-level fluctuations and near-bottom water layer temperature change. <i>Marine and Petroleum Geology</i> , <b>2018</b> , 89, 604-614	4.7	6
33	Sequentially sampled gas hydrate water, coupled with pore water and bottom water isotopic and ionic signatures at the Kukuy mud volcano, Lake Baikal: ambiguous deep-rooted source of hydrate-forming water. <i>Geo-Marine Letters</i> , <b>2014</b> , 34, 241	1.9	6
32	Subaquatic paleoseismology: records of large Holocene earthquakes in marine and lacustrine sediments. <i>Marine Geology</i> , <b>2017</b> , 384, 1-3	3.3	6
31	Middle-Late Pleistocene landscape evolution of the Dover Strait inferred from buried and submerged erosional landforms. <i>Quaternary Science Reviews</i> , <b>2019</b> , 203, 209-232	3.9	6
30	Bimodal Recurrence Pattern of Tsunamis in South-Central Chile: A Statistical Exploration of Paleotsunami Data. <i>Seismological Research Letters</i> , <b>2019</b> , 90, 194-202	3	5
29	The 1900 Mw 7.6 earthquake offshore north-central Venezuela: Is La Tortuga or San Sebastián the source fault?. <i>Marine and Petroleum Geology</i> , <b>2015</b> , 67, 498-511	4.7	5
28	AGE OF MUD BRECCIA FROM MUD VOLCANOES IN ACADEMICIAN RIDGE, LAKE BAIKAL. <i>Geodinamika I Tektonofizika</i> , <b>2017</b> , 8, 923-932	0.8	5
27	Hydrogen and oxygen isotopic anomalies in pore waters suggesting clay mineral dehydration at gas hydrate-bearing Kedr mud volcano, southern Lake Baikal, Russia. <i>Geo-Marine Letters</i> , <b>2018</b> , 38, 403-415	1.9	5
26	Characteristics and frequency of large submarine landslides at the western tip of the Gulf of Corinth. <i>Natural Hazards and Earth System Sciences</i> , <b>2018</b> , 18, 1411-1425	3.9	5
25	Influence on present-day coastal dynamics and evolution of a relict subaqueous delta lobe: Sol de Riu lobe, Ebro Delta. <i>Continental Shelf Research</i> , <b>2014</b> , 74, 94-104	2.4	4
24	Contributions from the 10th International Conference on Gas in Marine Sediments, Listvyanka (Russia), 6-11 September 2010. <i>Geo-Marine Letters</i> , <b>2012</b> , 32, 373-378	1.9	4
23	Integration of reflection seismic and sediment grain-size data from Lake Khubsugul (Northern Mongolia): a reply to Prokopenko and Kendall. <i>Journal of Paleolimnology</i> , <b>2008</b> , 40, 1193-1199	2.1	4
22	External Controls on Modern Clastic Turbidite Systems: Three Case Studies <b>2009</b> , 57-76		4
21	Moraine ridges in fjord-type, perialpine Lake Lucerne, central Switzerland. <i>Geological Society Memoir</i> , <b>2016</b> , 46, 69-70	0.4	4
20	Hydroclimate variability of northern Chilean Patagonia during the last 20 kyr inferred from the bulk organic geochemistry of Lago Castor sediments (45°S). <i>Quaternary Science Reviews</i> , <b>2019</b> , 204, 105-118	3.9	4
19	Shallow-rooted mud volcanism in Lake Baikal. <i>Marine and Petroleum Geology</i> , <b>2019</b> , 102, 580-589	4.7	4

18	Volcanic influence of Mt. Fuji on the watershed of Lake Motosu and its impact on the lacustrine sedimentary record. <i>Sedimentary Geology</i> , <b>2018</b> , 363, 200-220	2.8	4
17	The lake floor morphology of the Southern Baikal rift basin as a result of holocene and Late Pleistocene seismogenic and gravitational processes. <i>Quaternary International</i> , <b>2019</b> , 524, 115-121	2	3
16	Organic carbon accumulation and productivity over the past 130 years in Lake Kawaguchi (central Japan) reconstructed using organic geochemical proxies. <i>Journal of Paleolimnology</i> , <b>2020</b> , 64, 365-377	2.1	3
15	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> , <b>2021</b> , 68, 2365-2396	3.3	3
14	Combined On-Fault and Off-Fault Paleoseismic Evidence in the Postglacial Infill of the Inner-Alpine Lake Achensee (Austria, Eastern Alps). <i>Frontiers in Earth Science</i> , <b>2021</b> , 9,	3.5	3
13	Use of high-resolution seismic reflection data for paleogeographical reconstruction of shallow Lake Yamanaka (Fuji Five Lakes, Japan). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2019</b> , 514, 233-250	2.9	3
12	Tectonic evolution of the southwestern wall of the Baikal Rift Zone. <i>Doklady Earth Sciences</i> , <b>2006</b> , 410, 1053-1055	0.6	2
11	Tectonic and sediment supply control of deep rift lake turbidite systems: Lake Baikal, Russia: Comment and Reply. <i>Geology</i> , <b>2000</b> , 28, 189	5	2
10	The sediments of Lake Singkarak and Lake Maninjau in West Sumatra reveal their earthquake, volcanic and rainfall history. <i>Sedimentary Geology</i> , <b>2021</b> , 416, 105863	2.8	2
9	Late Holocene Changes in Erosion Patterns in a Lacustrine Environment: Landscape Stabilization by Volcanic Activity Versus Human Activity. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2019</b> , 20, 1720-1733	3.6	1
8	Dropstones in Lacustrine Sediments as a Record of Snow Avalanches: A Validation of the Proxy by Combining Satellite Imagery and Varve Chronology at Kenai Lake (South-Central Alaska). <i>Quaternary</i> , <b>2019</b> , 2, 11	2.2	1
7	Lake Baikal <b>2012</b> , 258-276		1
6	Earthquake doublet revealed by multiple pulses in lacustrine seismo-turbidites. <i>Geology</i> ,	5	1
5	The Position of Gas Hydrates in the Sedimentary Strata and in the Geological Structure of Lake Baikal <b>2022</b> , 465-471		0
4	A 2300-year record of glacier fluctuations at Skilak and Eklutna Lakes, south-central Alaska. <i>Quaternary Science Reviews</i> , <b>2021</b> , 272, 107215	3.9	0
3	Depositional history of Lake Chala (Mt. Kilimanjaro, equatorial East Africa) from high-resolution seismic stratigraphy. <i>Journal of African Earth Sciences</i> , <b>2022</b> , 189, 104499	2.2	0
2	Stratigraphie sismique et séquentielle haute résolution des formations du Jurassique supérieur du Boulonnais (Nord de la France). <i>Comptes Rendus De L'Académie Des Sciences Earth &amp; Planetary Sciences Serie II, Sciences De La Terre Et Des Planètes</i> , <b>1999</b> , 328, 341-346		
1	Holocene Muddy Bedforms on the Llobregat River Prodelta Wedge <b>2017</b> , 101-106		

