

Marc De Batist

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.

179
papers

5,963
citations

45
h-index

66
g-index

204
ext. papers

6,648
ext. citations

3.5
avg, IF

5.4
L-index

| # | Paper | IF | Citations |
|-----|---|-----|-----------|
| 179 | The Position of Gas Hydrates in the Sedimentary Strata and in the Geological Structure of Lake Baikal 2022 , 465-471 | | 0 |
| 178 | Depositional history of Lake Chala (Mt. Kilimanjaro, equatorial East Africa) from high-resolution seismic stratigraphy. <i>Journal of African Earth Sciences</i> , 2022 , 189, 104499 | 2.2 | 0 |
| 177 | A 2300-year record of glacier fluctuations at Skilak and Eklutna Lakes, south-central Alaska. <i>Quaternary Science Reviews</i> , 2021 , 272, 107215 | 3.9 | 0 |
| 176 | The sediments of Lake Singkarak and Lake Maninjau in West Sumatra reveal their earthquake, volcanic and rainfall history. <i>Sedimentary Geology</i> , 2021 , 416, 105863 | 2.8 | 2 |
| 175 | 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 | 3.3 | 3 |
| 174 | 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> , 2021 , 9, | 3.5 | 3 |
| 173 | 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> , 2020 , 401, 105644 | 2.8 | 6 |
| 172 | Machine learning classifiers for attributing tephra to source volcanoes: an evaluation of methods for Alaska tephras. <i>Journal of Quaternary Science</i> , 2020 , 35, 81-92 | 2.3 | 8 |
| 171 | Turbidite stratigraphy in proglacial lakes: Deciphering trigger mechanisms using a statistical approach. <i>Sedimentology</i> , 2020 , 67, 2332-2359 | 3.3 | 8 |
| 170 | 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 | 3 | 11 |
| 169 | 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 | 3.9 | 9 |
| 168 | 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> , 2020 , 64, 365-377 | 2.1 | 3 |
| 167 | Characteristics of hydrate-bound gas retrieved at the Kedr mud volcano (southern Lake Baikal). <i>Scientific Reports</i> , 2020 , 10, 14747 | 4.9 | 7 |
| 166 | Flood-triggered versus earthquake-triggered turbidites: A sedimentological study in clastic lake sediments (Eklutna Lake, Alaska). <i>Sedimentology</i> , 2020 , 67, 364-389 | 3.3 | 17 |
| 165 | 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> , 2019 , 524, 115-121 | 2 | 3 |
| 164 | Bimodal Recurrence Pattern of Tsunamis in South-Central Chile: A Statistical Exploration of Paleotsunami Data. <i>Seismological Research Letters</i> , 2019 , 90, 194-202 | 3 | 5 |
| 163 | Late Holocene Changes in Erosion Patterns in a Lacustrine Environment: Landscape Stabilization by Volcanic Activity Versus Human Activity. <i>Geochemistry, Geophysics, Geosystems</i> , 2019 , 20, 1720-1733 | 3.6 | 1 |

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| 162 | Dropstones in Lacustrine Sediments as a Record of Snow Avalanches – Validation of the Proxy by Combining Satellite Imagery and Varve Chronology at Kenai Lake (South-Central Alaska). <i>Quaternary</i> , 2019 , 2, 11 | 2.2 | 1 |
| 161 | Variability of Acoustically Evidenced Methane Bubble Emissions Offshore Western Svalbard. <i>Geophysical Research Letters</i> , 2019 , 46, 9072-9081 | 4.9 | 10 |
| 160 | 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> , 2019 , 204, 105-118 | 3.9 | 4 |
| 159 | Middle-Late Pleistocene landscape evolution of the Dover Strait inferred from buried and submerged erosional landforms. <i>Quaternary Science Reviews</i> , 2019 , 203, 209-232 | 3.9 | 6 |
| 158 | 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 | 3.9 | 8 |
| 157 | Shallow-rooted mud volcanism in Lake Baikal. <i>Marine and Petroleum Geology</i> , 2019 , 102, 580-589 | 4.7 | 4 |
| 156 | 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 | 2.8 | 13 |
| 155 | Use of high-resolution seismic reflection data for paleogeographical reconstruction of shallow Lake Yamanaka (Fuji Five Lakes, Japan). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019 , 514, 233-250 | 2.9 | 3 |
| 154 | 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 | 2.6 | 14 |
| 153 | Sediment reflectance spectroscopy as a paleo-hydrological proxy in East Africa. <i>Limnology and Oceanography: Methods</i> , 2018 , 16, 92-105 | 2.6 | 6 |
| 152 | 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 | 2.7 | 23 |
| 151 | Lake Baikal's response to remote earthquakes: Lake-level fluctuations and near-bottom water layer temperature change. <i>Marine and Petroleum Geology</i> , 2018 , 89, 604-614 | 4.7 | 6 |
| 150 | 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> , 2018 , 43, 1913-1942 | 3.7 | 7 |
| 149 | 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 | 5.3 | 45 |
| 148 | Volcanic influence of Mt. Fuji on the watershed of Lake Motosu and its impact on the lacustrine sedimentary record. <i>Sedimentary Geology</i> , 2018 , 363, 200-220 | 2.8 | 4 |
| 147 | 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 | 3.9 | 17 |
| 146 | Mt. Fuji Holocene eruption history reconstructed from proximal lake sediments and high-density radiocarbon dating. <i>Quaternary Science Reviews</i> , 2018 , 200, 395-405 | 3.9 | 15 |
| 145 | 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> , 2018 , 38, 403-415 | 1.9 | 5 |

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| 144 | Characteristics and frequency of large submarine landslides at the western tip of the Gulf of Corinth. <i>Natural Hazards and Earth System Sciences</i> , 2018 , 18, 1411-1425 | 3.9 | 5 |
| 143 | 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 | 3.3 | 50 |
| 142 | Paleoseismic potential of sublacustrine landslide records in a high-seismicity setting (south-central Alaska). <i>Marine Geology</i> , 2017 , 384, 103-119 | 3.3 | 48 |
| 141 | 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 | 10.2 | 28 |
| 140 | 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 | 3.3 | 15 |
| 139 | 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 | 2.8 | 30 |
| 138 | Ice sheet retreat and glacio-isostatic adjustment in Lázow-Holm Bay, East Antarctica. <i>Quaternary Science Reviews</i> , 2017 , 169, 85-98 | 3.9 | 19 |
| 137 | Two-stage opening of the Dover Strait and the origin of island Britain. <i>Nature Communications</i> , 2017 , 8, 15101 | 17.4 | 32 |
| 136 | Coastal lake sediments reveal 5500 years of tsunami history in south central Chile. <i>Quaternary Science Reviews</i> , 2017 , 161, 99-116 | 3.9 | 45 |
| 135 | Atlantic forcing of Western Mediterranean winter rain minima during the last 12,000 years. <i>Quaternary Science Reviews</i> , 2017 , 157, 29-51 | 3.9 | 74 |
| 134 | Late Quaternary climatic control of Lake Baikal (Russia) turbidite systems: Implications for turbidite systems worldwide. <i>Geology</i> , 2017 , 45, 179-182 | 5 | 10 |
| 133 | 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 | 3.9 | 11 |
| 132 | Subaquatic paleoseismology: records of large Holocene earthquakes in marine and lacustrine sediments. <i>Marine Geology</i> , 2017 , 384, 1-3 | 3.3 | 6 |
| 131 | AGE OF MUD BRECCIA FROM MUD VOLCANOES IN ACADEMICIAN RIDGE, LAKE BAIKAL. <i>Geodinamika I Tektonofizika</i> , 2017 , 8, 923-932 | 0.8 | 5 |
| 130 | Holocene Muddy Bedforms on the Llobregat River Prodelta Wedge 2017 , 101-106 | | |
| 129 | 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 | 10.2 | 53 |
| 128 | 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 | 3.3 | 15 |
| 127 | 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 | 3.9 | 32 |

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| 126 | Synchronisation of sedimentary records using tephra: A postglacial tephrochronological model for the Chilean Lake District. <i>Quaternary Science Reviews</i> , 2016 , 137, 234-254 | 3.9 | 41 |
| 125 | Moraine ridges in fjord-type, perialpine Lake Lucerne, central Switzerland. <i>Geological Society Memoir</i> , 2016 , 46, 69-70 | 0.4 | 4 |
| 124 | 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 | 3.3 | 78 |
| 123 | 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> , 2015 , 67, 498-511 | 4.7 | 5 |
| 122 | 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 | 2.8 | 16 |
| 121 | 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 | 3.9 | 31 |
| 120 | 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 | 2.6 | 52 |
| 119 | Fault activity in the epicentral area of the 1580 Dover Strait (Pas-de-Calais) earthquake (northwestern Europe). <i>Geophysical Journal International</i> , 2015 , 201, 528-542 | 2.6 | 14 |
| 118 | Sedimentary records of past earthquakes in Boraboy Lake during the last ca 600 years (North Anatolian Fault, Turkey). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015 , 433, 1-9 | 2.9 | 17 |
| 117 | Streamlined islands and the English Channel megaflood hypothesis. <i>Global and Planetary Change</i> , 2015 , 135, 190-206 | 4.2 | 20 |
| 116 | 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 | 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> , 2015 , 104, 1439-1457 | 2.2 | 32 |
| 114 | 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 | 4.9 | 18 |
| 113 | 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> , 2014 , 34, 241 | 1.9 | 6 |
| 112 | Multidirectional, synchronously-triggered seismo-turbidites and debrites revealed by X-ray computed tomography (CT). <i>Sedimentology</i> , 2014 , 61, 861-880 | 3.3 | 31 |
| 111 | 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 | 3.6 | 139 |
| 110 | Seismically-triggered organic-rich layers in recent sediments from Gökçe Lake (North Anatolian Fault, Turkey). <i>Quaternary Science Reviews</i> , 2014 , 103, 67-80 | 3.9 | 23 |
| 109 | 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> , 2014 , 74, 94-104 | 2.4 | 4 |

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| 108 | 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 | 3.9 | 53 |
| 107 | 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 | 4.3 | 33 |
| 106 | Can turbidites be used to reconstruct a paleoearthquake record for the central Sumatran margin?: COMMENT. <i>Geology</i> , 2014 , 42, e344-e344 | 5 | 12 |
| 105 | Absence of a Medieval Climate Anomaly, Little Ice Age and twentieth century warming in Skarvsnes, Lützow Holm Bay, East Antarctica. <i>Antarctic Science</i> , 2014 , 26, 585-598 | 1.7 | 15 |
| 104 | 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 | 3.9 | 36 |
| 103 | Widespread deformation of basin-plain sediments in Aysén fjord (Chile) due to impact by earthquake-triggered, onshore-generated mass movements. <i>Marine Geology</i> , 2013 , 337, 67-79 | 3.3 | 36 |
| 102 | Gas hydrate of Lake Baikal: Discovery and varieties. <i>Journal of Asian Earth Sciences</i> , 2013 , 62, 162-166 | 2.8 | 58 |
| 101 | Landslides Cause Tsunami Waves: Insights From Aysén Fjord, Chile. <i>Eos</i> , 2013 , 94, 297-298 | 1.5 | 19 |
| 100 | Contributions from the 10th International Conference on Gas in Marine Sediments, Listvyanka (Russia), 6-11 September 2010. <i>Geo-Marine Letters</i> , 2012 , 32, 373-378 | 1.9 | 4 |
| 99 | 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 | 1.9 | 27 |
| 98 | 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 | 1.9 | 23 |
| 97 | Thermal anomalies associated with shallow gas hydrates in the K-2 mud volcano, Lake Baikal. <i>Geo-Marine Letters</i> , 2012 , 32, 407-417 | 1.9 | 16 |
| 96 | 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 | 1.9 | 13 |
| 95 | Lake Baikal 2012 , 258-276 | | 1 |
| 94 | Seismic evidence of up to 200 m lake-level change in Southern Patagonia since Marine Isotope Stage 4. <i>Sedimentology</i> , 2012 , 59, 1087-1100 | 3.3 | 23 |
| 93 | 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> , 2012 , 24, 608-618 | 1.7 | 11 |
| 92 | 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 | 3.2 | 14 |
| 91 | 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 | 2.8 | 33 |

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| 90 | 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 | 2.3 | 15 |
| 89 | 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 | 3.3 | 25 |
| 88 | Frontal emplacement and mobility of sublacustrine landslides: Results from morphometric and seismostratigraphic analysis. <i>Marine Geology</i> , 2011 , 285, 29-45 | 3.3 | 78 |
| 87 | Atmospheric methane flux from bubbling seeps: Spatially extrapolated quantification from a Black Sea shelf area. <i>Journal of Geophysical Research</i> , 2010 , 115, | | 55 |
| 86 | 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> , 2010 , 290, 214-223 | 5.3 | 111 |
| 85 | 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 | 2.9 | 24 |
| 84 | 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 | 3.3 | 94 |
| 83 | Forearc uplift rates deduced from sediment cores of two coastal lakes in south-central Chile. <i>Tectonophysics</i> , 2010 , 495, 129-143 | 3.1 | 17 |
| 82 | 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 | 3.3 | 36 |
| 81 | 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 | 1 | 23 |
| 80 | Environmental history of southern Patagonia unravelled by the seismic stratigraphy of Laguna Potrok Aike. <i>Sedimentology</i> , 2009 , 56, 873-892 | 3.3 | 89 |
| 79 | Half-precessional dynamics of monsoon rainfall near the East African Equator. <i>Nature</i> , 2009 , 462, 637-415 | 0.4 | 244 |
| 78 | 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> , 2009 , 213, 121-135 | 2.8 | 53 |
| 77 | External Controls on Modern Clastic Turbidite Systems: Three Case Studies 2009 , 57-76 | | 4 |
| 76 | 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 | 2.9 | 60 |
| 75 | Quaternary stratal architecture of the Barcelona prodeltaic continental shelf (NW Mediterranean). <i>Marine Geology</i> , 2008 , 250, 234-250 | 3.3 | 24 |
| 74 | Anomalous sea-floor backscatter patterns in methane venting areas, Dnepr paleo-delta, NW Black Sea. <i>Marine Geology</i> , 2008 , 251, 253-267 | 3.3 | 61 |
| 73 | 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 | 2.1 | 25 |

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| 72 | 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 | 2.1 | 33 |
| 71 | A 17,900-year multi-proxy lacustrine record of Lago Puyehue (Chilean Lake District): introduction. <i>Journal of Paleolimnology</i> , 2008 , 39, 151-161 | 2.1 | 21 |
| 70 | Late Quaternary climatic changes in southern Chile, as recorded in a diatom sequence of Lago Puyehue (40°40' S). <i>Journal of Paleolimnology</i> , 2008 , 39, 219-235 | 2.1 | 24 |
| 69 | 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> , 2008 , 40, 1193-1199 | 2.1 | 4 |
| 68 | 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 | 2.2 | 39 |
| 67 | Sediment undulations on the Llobregat prodelta: Signs of early slope instability or sedimentary bedforms?. <i>Journal of Geophysical Research</i> , 2007 , 112, | | 28 |
| 66 | Spatial distribution of methane over Lake Baikal surface. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007 , 66, 788-95 | 4.4 | 9 |
| 65 | Giant earthquakes in South-Central Chile revealed by Holocene mass-wasting events in Lake Puyehue. <i>Sedimentary Geology</i> , 2007 , 195, 239-256 | 2.8 | 93 |
| 64 | Seismic expression of gas and gas hydrates across the western Black Sea. <i>Geo-Marine Letters</i> , 2007 , 27, 173-183 | 1.9 | 47 |
| 63 | Sources and sinks of methane in Lake Baikal: A synthesis of measurements and modeling. <i>Limnology and Oceanography</i> , 2007 , 52, 1824-1837 | 4.8 | 35 |
| 62 | 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 | 2.4 | 29 |
| 61 | Multiple bottom-simulating reflections in the Black Sea: Potential proxies of past climate conditions. <i>Marine Geology</i> , 2006 , 227, 163-176 | 3.3 | 80 |
| 60 | 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 | 3 | 18 |
| 59 | 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 | 3.6 | 25 |
| 58 | 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 | 4.3 | 23 |
| 57 | 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 | 5.3 | 189 |
| 56 | Relationship between continental rise development and palaeo-ice sheet dynamics, Northern Antarctic Peninsula Pacific margin. <i>Quaternary Science Reviews</i> , 2006 , 25, 933-944 | 3.9 | 51 |
| 55 | Geological and morphological setting of 2778 methane seeps in the Dnepr paleo-delta, northwestern Black Sea. <i>Marine Geology</i> , 2006 , 227, 177-199 | 3.3 | 145 |

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|----|--|-----|-----|
| 54 | Computer-based bathymetric map of Lake Baikal. <i>Doklady Earth Sciences</i> , 2006 , 408, 564-569 | 0.6 | 18 |
| 53 | Tectonic evolution of the southwestern wall of the Baikal Rift Zone. <i>Doklady Earth Sciences</i> , 2006 , 410, 1053-1055 | 0.6 | 2 |
| 52 | TECTONICALLY CONTROLLED METHANE ESCAPE IN LAKE BAIKAL 2006 , 203-219 | | 14 |
| 51 | 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 | 4.2 | 41 |
| 50 | 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 | 1.1 | 10 |
| 49 | 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 | 2.2 | 27 |
| 48 | Sandbox models of relay ramp structure and evolution. <i>Journal of Structural Geology</i> , 2005 , 27, 459-473 | 3 | 44 |
| 47 | 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 | 3 | 53 |
| 46 | 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> , 2004 , 213, 235-255 | 3.3 | 51 |
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