

Sabine Schmidt

List of Publications by Year in descending order

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Version: 2024-02-01

163
papers

4,387
citations

101384

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155451

55
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179
all docs

179
docs citations

179
times ranked

5490
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Submarine fault scarps in the Sea of Marmara pull-apart (North Anatolian Fault): Implications for seismic hazard in Istanbul. <i>Geochemistry, Geophysics, Geosystems</i> , 2005, 6, . | 1.0 | 226 |
| 2 | 234Th sorption and export models in the water column: A review. <i>Marine Chemistry</i> , 2006, 100, 234-249. | 0.9 | 174 |
| 3 | Large, low background well-type detectors for measurements of environmental radioactivity. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1995, 357, 391-397. | 0.7 | 136 |
| 4 | A review of present techniques and methodological advances in analyzing 234Th in aquatic systems. <i>Marine Chemistry</i> , 2006, 100, 190-212. | 0.9 | 123 |
| 5 | Role of physical and biological processes in sediment dynamics of a tidal flat in Westerschelde Estuary, SW Netherlands. <i>Marine Ecology - Progress Series</i> , 2004, 274, 41-56. | 0.9 | 103 |
| 6 | Late Quaternary co-seismic sedimentation in the Sea of Marmara's deep basins. <i>Sedimentary Geology</i> , 2007, 199, 65-89. | 1.0 | 92 |
| 7 | Reevaluation of the oceanic flux of methane: Uncertainties and long term variations. <i>Chemosphere</i> , 1993, 26, 579-589. | 4.2 | 83 |
| 8 | Live foraminifera from the open slope between Grand Rhne and Petit Rhne Canyons (Gulf of Lions,) Tj ETQq0 0 0 rgBT /Overlock 10 T | 0.6 | 82 |
| 9 | 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 |
| 10 | Recent sedimentation and sedimentary budgets on the western Iberian shelf. <i>Progress in Oceanography</i> , 2002, 52, 261-275. | 1.5 | 76 |
| 11 | Striking similarities in temporal changes to spring sea ice occurrence across the central Canadian Arctic Archipelago over the last 7000 years. <i>Quaternary Science Reviews</i> , 2010, 29, 3489-3504. | 1.4 | 75 |
| 12 | Highly branched isoprenoids as proxies for variable sea ice conditions in the Southern Ocean. <i>Antarctic Science</i> , 2011, 23, 487-498. | 0.5 | 75 |
| 13 | Turbidity in the fluvial Gironde Estuary (southwest France) based on 10-year continuous monitoring: sensitivity to hydrological conditions. <i>Hydrology and Earth System Sciences</i> , 2015, 19, 2805-2819. | 1.9 | 75 |
| 14 | Present deep-submarine canyons activity in the Bay of Biscay (NE Atlantic). <i>Marine Geology</i> , 2012, 295-298, 113-127. | 0.9 | 67 |
| 15 | Enhanced short-term sediment deposition within the Nazar Canyon, North-East Atlantic. <i>Marine Geology</i> , 2001, 173, 55-67. | 0.9 | 64 |
| 16 | Particle mixing rates in sediments of the northeast tropical Atlantic: Evidence from 210Pbxs, 137Cs, 228Thxs and 234Thxs downcore distributions. <i>Earth and Planetary Science Letters</i> , 1994, 128, 545-562. | 1.8 | 63 |
| 17 | Distribution and origin of suspended matter and organic carbon pools in the Tana River Basin, Kenya. <i>Biogeosciences</i> , 2012, 9, 2905-2920. | 1.3 | 61 |
| 18 | Paleoseismic potential of sublacustrine landslide records in a high-seismicity setting (south-central) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 | 0.9 | 61 |

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|----|--|-----|-----------|
| 19 | Influence of the mode of macrofauna-mediated bioturbation on the vertical distribution of living benthic foraminifera: First insight from axial tomodensitometry. <i>Journal of Experimental Marine Biology and Ecology</i> , 2009, 371, 20-33. | 0.7 | 58 |
| 20 | Mid-latitude Southern Indian Ocean response to Northern Hemisphere Heinrich events. <i>Earth and Planetary Science Letters</i> , 2005, 240, 724-731. | 1.8 | 57 |
| 21 | Monitoring water quality in estuarine environments: lessons from the MAGEST monitoring program in the Gironde fluvial-estuarine system. <i>Hydrology and Earth System Sciences</i> , 2011, 15, 831-840. | 1.9 | 55 |
| 22 | Factors contributing to hypoxia in a highly turbid, macrotidal estuary (the Gironde, France). <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 585. | 1.7 | 52 |
| 23 | Tracking the turbidity maximum zone in the Loire Estuary (France) based on a long-term, high-resolution and high-frequency monitoring network. <i>Continental Shelf Research</i> , 2016, 117, 1-11. | 0.9 | 52 |
| 24 | Sedimentary processes in the Thau Lagoon (France): From seasonal to century time scales. <i>Estuarine, Coastal and Shelf Science</i> , 2007, 72, 534-542. | 0.9 | 51 |
| 25 | Radium as internal tracer of Mediterranean Outflow Water. <i>Journal of Geophysical Research</i> , 1996, 101, 3589-3596. | 3.3 | 50 |
| 26 | Historical Records of Mercury, Lead, and Polycyclic Aromatic Hydrocarbons Depositions in a Dated Sediment Core from the Eastern Mediterranean. <i>Environmental Science & Technology</i> , 2013, 47, 7101-7109. | 4.6 | 49 |
| 27 | Labrador current variability over the last 2000 years. <i>Earth and Planetary Science Letters</i> , 2014, 400, 26-32. | 1.8 | 49 |
| 28 | Sr/Ba in barite: a proxy of barite preservation in marine sediments?. <i>Marine Geology</i> , 2003, 199, 205-220. | 0.9 | 47 |
| 29 | Glacial ice and atmospheric forcing on the Mertz Glacier Polynya over the past 250 years. <i>Nature Communications</i> , 2015, 6, 6642. | 5.8 | 47 |
| 30 | Strong seasonality in particle dynamics of north-western Mediterranean surface waters as revealed by ²³⁴ Th/ ²³⁸ U. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2002, 49, 1507-1518. | 0.6 | 44 |
| 31 | Particulate matter distribution and disequilibrium along the Northern Iberian Margin: implications for particulate organic carbon export. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2000, 47, 557-582. | 0.6 | 43 |
| 32 | The particulate ⁷ Be/ ²¹⁰ Pb _{xs} and ²³⁴ Th/ ²¹⁰ Pb _{xs} activity ratios as tracers for tidal-to-seasonal particle dynamics in the Gironde estuary (France): Implications for the budget of particle-associated contaminants. <i>Science of the Total Environment</i> , 2010, 408, 4784-4794. | 3.9 | 43 |
| 33 | Particle fluxes and recent sediment accumulation on the Aquitanian margin of Bay of Biscay. <i>Continental Shelf Research</i> , 2009, 29, 1044-1052. | 0.9 | 42 |
| 34 | Evaluation of the sea ice proxy IP25 against observational and diatom proxy data in the SW Labrador Sea. <i>Quaternary Science Reviews</i> , 2013, 79, 53-62. | 1.4 | 41 |
| 35 | To What Extent Multidecadal Changes in Morphology and Fluvial Discharge Impact Tide in a Convergent (Turbid) Tidal River. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 3241-3258. | 1.0 | 41 |
| 36 | Holocene glacier and deep water dynamics, Adélie Land region, East Antarctica. <i>Quaternary Science Reviews</i> , 2009, 28, 1291-1303. | 1.4 | 38 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Natural and anthropogenic trace metals in sediments of the Ligurian Sea (Northwestern Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 | 1.4 | 38 |
| 38 | Sea surface temperature variability in the North Western Mediterranean Sea (Gulf of Lion) during the Common Era. Earth and Planetary Science Letters, 2016, 456, 124-133. | 1.8 | 36 |
| 39 | Comparison of , and LDI temperature proxies for reconstruction of south-east Australian ocean temperatures. Organic Geochemistry, 2013, 64, 94-104. | 0.9 | 35 |
| 40 | Seismically-triggered organic-rich layers in recent sediments from GÄ¶llÄ¼kÄ¶y Lake (North Anatolian) Tj ETQq0 0 0 rgBT /Overlock 10 T | 1.4 | 34 |
| 41 | Recent sediment transport and deposition in the Cap-Ferret Canyon, South-East margin of Bay of Biscay. Deep-Sea Research Part II: Topical Studies in Oceanography, 2014, 104, 134-144. | 0.6 | 33 |
| 42 | Holocene productivity changes off AdÄ©lie Land (East Antarctica). Paleocyanography, 2009, 24, . | 3.0 | 32 |
| 43 | Green Edge ice camp campaigns: understanding the processes controlling the under-ice Arctic phytoplankton spring bloom. Earth System Science Data, 2020, 12, 151-176. | 3.7 | 32 |
| 44 | Bioturbation, short-lived radioisotopes, and the tracer-dependence of biodiffusion coefficients. Geochimica Et Cosmochimica Acta, 2010, 74, 6049-6063. | 1.6 | 31 |
| 45 | Historical records from dated sediment cores reveal the multidecadal dynamic of the toxic dinoflagellate <i>Alexandrium minutum</i> in the Bay of Brest (France). FEMS Microbiology Ecology, 2016, 92, fiw101. | 1.3 | 31 |
| 46 | A 3800 yr paleoseismic record (Lake Hazar sediments, eastern Turkey): Implications for the East Anatolian Fault seismic cycle. Earth and Planetary Science Letters, 2020, 538, 116152. | 1.8 | 30 |
| 47 | Benthic geochemistry of manganese in the Bay of Biscay, and sediment mass accumulation rate. Geo-Marine Letters, 2009, 29, 133-149. | 0.5 | 29 |
| 48 | Sediment delivery and depositional patterns off AdÄ©lie Land (East Antarctica) in relation to late Quaternary climatic cycles. Marine Geology, 2011, 284, 96-113. | 0.9 | 28 |
| 49 | Sedimentary records of past earthquakes in Boraboy Lake during the last ca 600 years (North) Tj ETQq1 1 0.784314 rgBT /Overlock 10 | 1.0 | 26 |
| 50 | Earthquake-induced soft sediment deformations and seismically amplified erosion rates recorded in varved sediments of KÄ¶yceÄ¶yiz Lake (SW Turkey). Journal of Geophysical Research: Solid Earth, 2016, 121, 4767-4779. | 1.4 | 26 |
| 51 | Multiscale spatio-temporal variability of sedimentary deposits in the Var turbidite system (North-Western Mediterranean Sea). Marine Geology, 2010, 275, 37-52. | 0.9 | 25 |
| 52 | The sedimentary record of the 1960 tsunami in two coastal lakes on Isla de ChiloÄ©, south central Chile. Sedimentary Geology, 2015, 328, 73-86. | 1.0 | 25 |
| 53 | Earthquake-triggered deposits in the subduction trench of the north Ecuador/south Colombia margin and their implication for paleoseismology. Marine Geology, 2017, 384, 47-62. | 0.9 | 25 |
| 54 | Deglacial to postglacial history of Nares Strait, Northwest Greenland: a marine perspective from Kane Basin. Climate of the Past, 2018, 14, 1991-2010. | 1.3 | 25 |

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|----|--|-----|-----------|
| 55 | Sediment archives reveal irreversible shifts in plankton communities after World War II and agricultural pollution. <i>Current Biology</i> , 2021, 31, 2682-2689.e7. | 1.8 | 25 |
| 56 | Seasonal deposition and reworking at the sediment-water interface on the northwestern Iberian margin. <i>Progress in Oceanography</i> , 2002, 52, 331-348. | 1.5 | 24 |
| 57 | Planktic foraminiferal production along an offshore-onshore transect in the south-eastern Bay of Biscay. <i>Continental Shelf Research</i> , 2009, 29, 1123-1135. | 0.9 | 24 |
| 58 | Environmental responses of the Northeast Antarctic Peninsula to the Holocene climate variability. <i>Paleoceanography</i> , 2016, 31, 131-147. | 3.0 | 24 |
| 59 | Footprint of roman and modern mining activities in a sediment core from the southwestern Iberian Atlantic shelf. <i>Science of the Total Environment</i> , 2016, 571, 1211-1221. | 3.9 | 24 |
| 60 | Sulfur diagenesis under rapid accumulation of organic-rich sediments in a marine mangrove from Guadeloupe (French West Indies). <i>Chemical Geology</i> , 2017, 454, 67-79. | 1.4 | 24 |
| 61 | Distinguishing intraplate from megathrust earthquakes using lacustrine turbidites. <i>Geology</i> , 2019, 47, 127-130. | 2.0 | 24 |
| 62 | Holocene glacial discharge fluctuations and recent instability in East Antarctica. <i>Earth and Planetary Science Letters</i> , 2014, 394, 38-47. | 1.8 | 23 |
| 63 | 2000years of frequent turbidite activity in the Capbreton Canyon (Bay of Biscay). <i>Marine Geology</i> , 2014, 347, 136-152. | 0.9 | 23 |
| 64 | Quantitative reconstruction of sea-surface conditions over the last 150 yr in the Beaufort Sea based on dinoflagellate cyst assemblages: the role of large-scale atmospheric circulation patterns. <i>Biogeosciences</i> , 2012, 9, 5391-5406. | 1.3 | 22 |
| 65 | The earthquake sedimentary record in the western part of the Sea of Marmara, Turkey. <i>Natural Hazards and Earth System Sciences</i> , 2012, 12, 1235-1254. | 1.5 | 22 |
| 66 | Benthic foraminifera from Capbreton Canyon revisited; faunal evolution after repetitive sediment disturbance. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2014, 104, 319-334. | 0.6 | 22 |
| 67 | 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 |
| 68 | Impact of the Mediterranean Outflow Water on particle dynamics in intermediate waters of the Northeast Atlantic, as revealed by 234Th and 228Th. <i>Marine Chemistry</i> , 2006, 100, 289-298. | 0.9 | 21 |
| 69 | Benthic foraminiferal thanatocoenoses from the Cap-Ferret Canyon area (NE Atlantic): A complex interplay between hydro-sedimentary and biological processes. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2014, 104, 145-163. | 0.6 | 21 |
| 70 | Comparison of environmental forcings affecting suspended sediments variability in two macrotidal, highly-turbid estuaries. <i>Estuarine, Coastal and Shelf Science</i> , 2017, 198, 529-541. | 0.9 | 21 |
| 71 | Bioturbation at the water-sediment interface of the Thau Lagoon: impact of shellfish farming. <i>Aquatic Living Resources</i> , 2007, 20, 163-169. | 0.5 | 20 |
| 72 | Diatoms and biomarkers evidence for major changes in sea ice conditions prior the instrumental period in Antarctic Peninsula. <i>Quaternary Science Reviews</i> , 2013, 79, 99-110. | 1.4 | 20 |

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|----|---|-----|-----------|
| 73 | Evaluation of spectral methods for high-frequency multiannual time series in coastal transitional waters: advantages of combined analyses. <i>Limnology and Oceanography: Methods</i> , 2016, 14, 381-396. | 1.0 | 20 |
| 74 | First assessment on trace elements in sediment cores from Namibian coast and pollution sources evaluation. <i>Science of the Total Environment</i> , 2019, 669, 668-682. | 3.9 | 20 |
| 75 | Exploring the Susceptibility of Turbid Estuaries to Hypoxia as a Prerequisite to Designing a Pertinent Monitoring Strategy of Dissolved Oxygen. <i>Frontiers in Marine Science</i> , 2019, 6, . | 1.2 | 20 |
| 76 | Investigation of dissolved uranium content in the watershed of Seine River (France). <i>Journal of Environmental Radioactivity</i> , 2005, 78, 1-10. | 0.9 | 19 |
| 77 | Radium and radium-daughter nuclides in carbonates: a brief overview of strategies for determining chronologies. <i>Journal of Environmental Radioactivity</i> , 2010, 101, 530-537. | 0.9 | 19 |
| 78 | Short-term and small-scale variability in planktic foraminifera test flux in the Bay of Biscay. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2012, 64, 146-156. | 0.6 | 19 |
| 79 | Historical mercury trends recorded in sediments from the Laguna del Plata, C rdoba, Argentina. <i>Chemie Der Erde</i> , 2014, 74, 353-363. | 0.8 | 19 |
| 80 | Submarine Earthquake History of the  nc Segment of the North Anatolian Fault in the Marmara Sea, Turkey. <i>Bulletin of the Seismological Society of America</i> , 2015, 105, 622-645. | 1.1 | 19 |
| 81 | Sedimentary response to sea ice and atmospheric variability over the instrumental period off Ad lie Land, East Antarctica. <i>Biogeosciences</i> , 2016, 13, 4205-4218. | 1.3 | 19 |
| 82 | Benthic foraminiferal response to sedimentary disturbance in the Capbreton canyon (Bay of Biscay, NE) Tj ETQq0 0,0 rgBT /Oyerlock 10 | 0.6 | 19 |
| 83 | Assessing and managing the risks of hypoxia in transitional waters: a case study in the tidal Garonne River (South-West France). <i>Environmental Science and Pollution Research</i> , 2017, 24, 3251-3259. | 2.7 | 19 |
| 84 | Upstream migrating knickpoints and related sedimentary processes in a submarine canyon from a rare 20-year morphobathymetric time-lapse (Capbreton submarine canyon, Bay of Biscay, France). <i>Marine Geology</i> , 2020, 423, 106143. | 0.9 | 19 |
| 85 | Improvement in radiochemical and  3-counting procedures for the determination of 234Th in seawater. <i>Radiochimica Acta</i> , 2000, 88, . | 0.5 | 18 |
| 86 | Particle residence times in surface waters over the north-western Iberian Margin: comparison of pre-upwelling and winter periods. <i>Journal of Marine Systems</i> , 2002, 32, 3-11. | 0.9 | 18 |
| 87 | Benthic remineralization in the northwest European continental margin (northern Bay of Biscay). <i>Continental Shelf Research</i> , 2011, 31, 644-658. | 0.9 | 18 |
| 88 | Contrasting sediment records of marine submersion events related to wave exposure, Southwest France. <i>Sedimentary Geology</i> , 2017, 353, 158-170. | 1.0 | 17 |
| 89 | Deltaic and Coastal Sediments as Recorders of Mediterranean Regional Climate and Human Impact Over the Past Three Millennia. <i>Paleoceanography and Paleoclimatology</i> , 2018, 33, 579-593. | 1.3 | 17 |
| 90 | Seismo turbidites in Ays n Fjord (Southern Chile) Reveal a Complex Pattern of Rupture Modes Along the 1960 Megathrust Earthquake Segment. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2020JB019405. | 1.4 | 17 |

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|-----|---|-----|-----------|
| 91 | Spatiotemporal variation of dissolved ^{238}U in the Gironde fluvial-estuarine system (France). <i>Journal of Environmental Radioactivity</i> , 2008, 99, 426-435. | 0.9 | 16 |
| 92 | 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 |
| 93 | A 2000-year record of ocean influence on Jakobshavn Isbr calving activity, based on marine sediment cores. <i>Holocene</i> , 2018, 28, 1731-1744. | 0.9 | 16 |
| 94 | Significance of vertical flux as a sink for surface water DMSP and as a source for the sediment surface in coastal zones of northern Europe. <i>Estuarine, Coastal and Shelf Science</i> , 2006, 68, 473-488. | 0.9 | 15 |
| 95 | Flux dynamics of planktic foraminiferal tests in the south-eastern Bay of Biscay (northeast Atlantic) Tj ETQq1 1 0.784314 rgBT /Overlock | 0.9 | 15 |
| 96 | Live (stained) benthic foraminifera from the Cap-Ferret Canyon (Bay of Biscay, NE Atlantic): A comparison between the canyon axis and the surrounding areas. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2013, 74, 98-114. | 0.6 | 14 |
| 97 | Earthquake imprints on a lacustrine deltaic system: The Krk Delta along the East Anatolian Fault (Turkey). <i>Sedimentology</i> , 2017, 64, 1322-1353. | 1.6 | 14 |
| 98 | Human-induced river runoff overlapping natural climate variability over the last 150 years: Palynological evidence (Bay of Brest, NW France). <i>Global and Planetary Change</i> , 2018, 160, 109-122. | 1.6 | 14 |
| 99 | Evaluating ice-rafted debris as a proxy for glacier calving in Upernavik Isfjord, NW Greenland. <i>Journal of Quaternary Science</i> , 2019, 34, 258-267. | 1.1 | 14 |
| 100 | Revival of Ancient Marine Dinoflagellates Using Molecular Biostimulation. <i>Journal of Phycology</i> , 2020, 56, 1077-1089. | 1.0 | 14 |
| 101 | Present-day sedimentation rates on the southern and southeastern Australian continental margins. <i>Australian Journal of Earth Sciences</i> , 2015, 62, 143-150. | 0.4 | 13 |
| 102 | Age determination of crustacean carapaces using $^{228}\text{Th}/^{228}\text{Ra}$ measurements by ultra low level gamma spectroscopy. <i>Applied Radiation and Isotopes</i> , 1996, 47, 1049-1053. | 0.7 | 12 |
| 103 | Modeling sensitivity of bioturbation coefficient to seasonal bioturbation. <i>Journal of Marine Research</i> , 2007, 65, 417-440. | 0.3 | 12 |
| 104 | Particle export during a bloom of <i>Emiliania huxleyi</i> in the North-West European continental margin. <i>Journal of Marine Systems</i> , 2013, 109-110, S182-S190. | 0.9 | 12 |
| 105 | High frequency environmental changes and deposition processes in a 2-long sedimentological record from the Cap-Breton canyon (Bay of Biscay). <i>Holocene</i> , 2015, 25, 348-365. | 0.9 | 12 |
| 106 | Insights of Pb isotopic signature into the historical evolution and sources of Pb contamination in a sediment core of the southwestern Iberian Atlantic shelf. <i>Science of the Total Environment</i> , 2017, 586, 473-484. | 3.9 | 12 |
| 107 | Are deep-sea ecosystems surrounding Madagascar threatened by land-use or climate change?. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2018, 131, 93-100. | 0.6 | 12 |
| 108 | Late Holocene record from a Loire River incised paleovalley (French inner continental shelf): Insights into regional and global forcing factors. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 511, 12-28. | 1.0 | 12 |

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|-----|---|-----|-----------|
| 109 | 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. | 1.0 | 12 |
| 110 | Potential impact of former Zn ore extraction activities on dissolved uranium distribution in the Riou-Mort watershed (France). <i>Science of the Total Environment</i> , 2007, 382, 304-310. | 3.9 | 11 |
| 111 | Correlating three centuries of historical and geological data for the marine deposit reconstruction of two depositional environments of the French Atlantic coast. <i>Marine Geology</i> , 2019, 407, 181-191. | 0.9 | 11 |
| 112 | Spatial Distributions of Surface Sedimentary Organics and Sediment Profile Image Characteristics in a High-Energy Temperate Marine RiOMar: The West Gironde Mud Patch. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 242. | 1.2 | 11 |
| 113 | The MALINA oceanographic expedition: how do changes in ice cover, permafrost and UV radiation impact biodiversity and biogeochemical fluxes in the Arctic Ocean?. <i>Earth System Science Data</i> , 2021, 13, 1561-1592. | 3.7 | 11 |
| 114 | Are the Murray Canyons offshore southern Australia still active for sediment transport?. <i>Geological Society Special Publication</i> , 2010, 346, 43-55. | 0.8 | 10 |
| 115 | Future intensification of summer hypoxia in the tidal Garonne River (SW France) simulated by a coupled hydro sedimentary-biogeochemical model. <i>Environmental Science and Pollution Research</i> , 2018, 25, 31957-31970. | 2.7 | 10 |
| 116 | Multidecadal Evolution of the Turbidity Maximum Zone in a Macrotidal River Under Climate and Anthropogenic Pressures. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC016273. | 1.0 | 10 |
| 117 | Soil erosion in relation to land-use changes in the sediments of Amik Lake near Antioch antique city during the last 4 kyr. <i>Holocene</i> , 2018, 28, 104-118. | 0.9 | 9 |
| 118 | A reconstruction of warm-water inflow to Upernavik IsstrÅm since 1925â€‰%CE and its relation to glacier retreat. <i>Climate of the Past</i> , 2019, 15, 1171-1186. | 1.3 | 9 |
| 119 | Modern relationships between microscopic charcoal in marine sediments and fire regimes on adjacent landmasses to refine the interpretation of marine paleofire records: An Iberian case study. <i>Quaternary Science Reviews</i> , 2021, 270, 107148. | 1.4 | 9 |
| 120 | Numerical estimation of the error of the biodiffusion coefficient in coastal sediments. <i>Estuarine, Coastal and Shelf Science</i> , 2007, 72, 543-552. | 0.9 | 8 |
| 121 | A 100-year record of changes in water renewal rate in Sermilik fjord and its influence on calving of Helheim glacier, southeast Greenland. <i>Continental Shelf Research</i> , 2014, 85, 21-29. | 0.9 | 8 |
| 122 | Climate variability of the last ~2700 years in the Southern Adriatic Sea: Coccolithophore evidences. <i>Holocene</i> , 2020, 30, 53-64. | 0.9 | 8 |
| 123 | Distributions and Fluxes of ²²⁶ Ra and ²²⁸ Ra in the Irish Sea and in the English Channel, in Relation to Hydrological Conditions and Sediment Interactions. <i>Radiation Protection Dosimetry</i> , 1998, 75, 65-67. | 0.4 | 7 |
| 124 | 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. | 1.0 | 7 |
| 125 | ²³⁴ Th cycling in the upper water column of the northwestern Mediterranean Sea. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1990, 89, 25-33. | 1.0 | 6 |
| 126 | Geomorphological response of the salt-marshes in the Tagus estuary to sea level rise. <i>Journal of Coastal Research</i> , 2013, 65, 582-587. | 0.1 | 6 |

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|-----|---|-----|-----------|
| 127 | Qualitative and quantitative reconstructions of surface water characteristics and recent hydrographical changes in the Trondheimsfjord, central Norway. <i>Climate of the Past</i> , 2014, 10, 305-323. | 1.3 | 6 |
| 128 | Exploring Offshore Sediment Evidence of the 1755 CE Tsunami (Faro, Portugal): Implications for the Study of Outer Shelf Tsunami Deposits. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 731. | 0.8 | 6 |
| 129 | A first assessment of organic carbon burial in the West Gironde Mud Patch (Bay of Biscay). <i>Continental Shelf Research</i> , 2021, 221, 104419. | 0.9 | 6 |
| 130 | Vernal sedimentation trends in north Norwegian fjords: temporary anomaly in 234Th particulate fluxes related to <i>Phaeocystis pouchetii</i> proliferation. <i>Biogeochemistry</i> , 2007, 83, 235-244. | 1.7 | 5 |
| 131 | Dynamics of coarse particulate matter in the turbidity maximum zone of the Gironde Estuary. <i>Comptes Rendus - Geoscience</i> , 2014, 346, 28-36. | 0.4 | 5 |
| 132 | Leaf litter degradation in highly turbid transitional waters: preliminary results from litter-bag experiments in the Gironde Estuary. <i>Geodinamica Acta</i> , 2015, 27, 60-66. | 2.2 | 5 |
| 133 | Fuerte River floods, an overlooked source of terrigenous sediment to the Gulf of California. <i>Continental Shelf Research</i> , 2016, 128, 1-9. | 0.9 | 5 |
| 134 | Lacustrine record of last millennia eruptions in Northern Chilean Patagonia (45°–47°S). <i>Holocene</i> , 2017, 27, 1227-1251. | 0.9 | 5 |
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