

Gilles Lericolais

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

3,311
citations

109137

35
h-index

168136

53
g-index

61
all docs

61
docs citations

61
times ranked

2641
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | CATASTROPHIC FLOODING OF THE BLACK SEA. Annual Review of Earth and Planetary Sciences, 2003, 31, 525-554. | 4.6 | 248 |
| 2 | Pleistocene forced regressions and tidal sand ridges in the East China Sea. Marine Geology, 2002, 188, 293-315. | 0.9 | 177 |
| 3 | The co-evolution of Black Sea level and composition through the last deglaciation and its paleoclimatic significance. Quaternary Science Reviews, 2006, 25, 2031-2047. | 1.4 | 169 |
| 4 | The Danube submarine canyon (Black Sea): morphology and sedimentary processes. Marine Geology, 2004, 206, 249-265. | 0.9 | 154 |
| 5 | Constraints on Black Sea outflow to the Sea of Marmara during the last glacial-interglacial transition. Marine Geology, 2002, 190, 19-34. | 0.9 | 142 |
| 6 | Erosional offshore sand ridges and lowstand shorefaces; examples from tide- and wave-dominated environments of France. Journal of Sedimentary Research, 1998, 68, 540-555. | 0.8 | 131 |
| 7 | Environmental significance of microbialites in reef environments during the last deglaciation. Sedimentary Geology, 2006, 185, 277-295. | 1.0 | 110 |
| 8 | Spreading direction in the central South China Sea. Nature, 1986, 321, 150-154. | 13.7 | 102 |
| 9 | Multiple bottom-simulating reflections in the Black Sea: Potential proxies of past climate conditions. Marine Geology, 2006, 227, 163-176. | 0.9 | 97 |
| 10 | A revised calendar age for the last reconnection of the Black Sea to the global ocean. Quaternary Science Reviews, 2011, 30, 1019-1026. | 1.4 | 95 |
| 11 | Late Quaternary channel avulsions on the Danube deep-sea fan, Black Sea. Marine Geology, 2001, 179, 25-37. | 0.9 | 89 |
| 12 | Cold seeps along the main Marmara Fault in the Sea of Marmara (Turkey). Deep-Sea Research Part I: Oceanographic Research Papers, 2008, 55, 552-570. | 0.6 | 86 |
| 13 | Late Pleistocene-Holocene evolution of the northern shelf of the Sea of Marmara. Marine Geology, 2009, 265, 87-100. | 0.9 | 86 |
| 14 | The Quaternary Channel River: seismic stratigraphy of its palaeo-valleys and deeps. Journal of Quaternary Science, 2003, 18, 245-260. | 1.1 | 85 |
| 15 | A 130,000-year record of Levantine Intermediate Water flow variability in the Corsica Trough, western Mediterranean Sea. Quaternary Science Reviews, 2012, 33, 55-73. | 1.4 | 84 |
| 16 | Black Sea "Lake" reservoir age evolution since the Last Glacial "Hydrologic and climatic implications. Earth and Planetary Science Letters, 2011, 308, 245-258. | 1.8 | 82 |
| 17 | Messinian event in the black sea: Evidence of a Messinian erosional surface. Marine Geology, 2007, 244, 142-165. | 0.9 | 80 |
| 18 | Seaward pinching out and internal stratigraphy of the Gironde incised valley on the shelf (Bay of) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 6 | 0.9 | 75 |

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|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | High frequency sea level fluctuations recorded in the Black Sea since the LGM. <i>Global and Planetary Change</i> , 2009, 66, 65-75. | 1.6 | 74 |
| 20 | Quaternary seismic stratigraphy and paleoenvironments on the continental shelf of the East China Sea. <i>Journal of Asian Earth Sciences</i> , 2000, 18, 441-452. | 1.0 | 72 |
| 21 | The timing and evolution of the post-glacial transgression across the Sea of Marmara shelf south of İstanbul. <i>Marine Geology</i> , 2007, 243, 57-76. | 0.9 | 72 |
| 22 | Glacial hydrologic conditions in the Black Sea reconstructed using geochemical pore water profiles. <i>Earth and Planetary Science Letters</i> , 2010, 296, 57-66. | 1.8 | 71 |
| 23 | Abrupt drainage cycles of the Fennoscandian Ice Sheet. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 6682-6687. | 3.3 | 63 |
| 24 | 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 |
| 25 | The interplay between tectonics, sediment dynamics and gateways evolution in the Danube system from the Pannonian Basin to the western Black Sea. <i>Science of the Total Environment</i> , 2016, 543, 807-827. | 3.9 | 56 |
| 26 | Late Quaternary deep-sea sedimentation in the western Black Sea: New insights from recent coring and seismic data in the deep basin. <i>Global and Planetary Change</i> , 2013, 103, 232-247. | 1.6 | 55 |
| 27 | Seismic expression of gas and gas hydrates across the western Black Sea. <i>Geo-Marine Letters</i> , 2007, 27, 173-183. | 0.5 | 54 |
| 28 | 3D architecture of lowstand and transgressive Quaternary sand bodies on the outer shelf of the Gulf of Lion, France. <i>Marine and Petroleum Geology</i> , 1998, 15, 439-452. | 1.5 | 52 |
| 29 | 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 |
| 30 | Holocene biostratigraphy and paleoenvironmental changes in the Black Sea based on calcareous nannoplankton. <i>Marine Micropaleontology</i> , 2007, 63, 91-110. | 0.5 | 41 |
| 31 | The Late Holocene evolution of the Black Sea – a critical view on the so-called Phanagorian regression. <i>Quaternary International</i> , 2012, 266, 162-174. | 0.7 | 40 |
| 32 | A new system for acquisition and processing of very high-resolution seismic reflection data. <i>Geophysics</i> , 1990, 55, 1036-1046. | 1.4 | 39 |
| 33 | A post Younger Dryas Black Sea regression identified from sequence stratigraphy correlated to core analysis and dating. <i>Quaternary International</i> , 2010, 225, 199-209. | 0.7 | 39 |
| 34 | Evolution of the Danube Deep-Sea Fan since the Last Glacial Maximum: new insights into Black Sea water-level fluctuations. <i>Marine Geology</i> , 2015, 367, 50-68. | 0.9 | 38 |
| 35 | Late Pleistocene to Recent ostracod assemblages from the western Black Sea. <i>Journal of Micropalaeontology</i> , 2010, 29, 119-133. | 1.3 | 35 |
| 36 | La stratigraphie oligo-miocène et la surface d'érosion messinienne en mer Noire, stratigraphie sismique haute résolution. <i>Comptes Rendus - Geoscience</i> , 2003, 335, 907-916. | 0.4 | 30 |

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|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | The region of the Strandja Sill (North Turkey) and the Messinian events. <i>Marine and Petroleum Geology</i> , 2015, 66, 149-164. | 1.5 | 25 |
| 38 | Inferring denudation variations from the sediment record; an example of the last glacial cycle record of the <i>Gölo Basin</i> and watershed, <i>East Corsica</i> , western <i>Mediterranean sea</i> . <i>Basin Research</i> , 2013, 25, 197-218. | 1.3 | 24 |
| 39 | Variations in ¹⁴ C Reservoir Ages of Black Sea Waters and Sedimentary Organic Carbon During Anoxic Periods: Influence of Photosynthetic Versus Chemoautotrophic Production. <i>Radiocarbon</i> , 2009, 51, 969-976. | 0.8 | 20 |
| 40 | Magnetic minerals as indicators of major environmental change in holocene black sea sediments: preliminary results. <i>Physics and Chemistry of the Earth</i> , 2002, 27, 1363-1370. | 1.2 | 19 |
| 41 | Architecture interne d'une vallée incisée sur une côte à forte énergie de houle et de marée (vallée de TjEQq1 10.784314 | 0.4 | 17 |
| 42 | Comparison of wave-and tide-dominated incised valleys: specific processes controlling systems tract architecture and reservoir geometry. <i>Bulletin - Societe Geologique De France</i> , 2010, 181, 171-181. | 0.9 | 17 |
| 43 | Water-level fluctuations in the Black Sea since the Last Glacial Maximum. , 2007, , 437-452. | | 16 |
| 44 | Morphology, Internal Structure, and Reversal of Asymmetry of Large Subtidal Dunes in the Entrance to Gironde Estuary (France). <i>Journal of Sedimentary Research</i> , 1993, Vol. 63, . | 0.8 | 12 |
| 45 | A Black Sea lowstand at 8500 yr B.P. indicated by a relict coastal dune system at a depth of 90 m below sea level. , 2007, , . | | 12 |
| 46 | Detailed survey of the western end of the Hurd Deep (English Channel): new facts for a tectonic origin. <i>Geological Society Special Publication</i> , 1996, 117, 203-215. | 0.8 | 10 |
| 47 | Importations et remaniements de thanatofaunes dans les sables de la plate-forme profonde des approches occidentales de la Manche. <i>Oceanologica Acta: European Journal of Oceanology - Revue Europeene De Oceanologie</i> , 1999, 22, 381-396. | 0.7 | 9 |
| 48 | Overview of Recent, Ongoing, and Future Investigations on the Dynamics and Evolution of European Margins. <i>Oceanography</i> , 2004, 17, 16-33. | 0.5 | 8 |
| 49 | Assessment of Black Sea water-level fluctuations since the Last Glacial Maximum. , 2011, , . | | 8 |
| 50 | Reply to Comment on "The timing and evolution of the post-glacial transgression across the Sea of Marmara shelf south of Istanbul" by Hiscott et al., <i>Marine Geology</i> 248, 228-236. <i>Marine Geology</i> , 2008, 254, 230-236. | 0.9 | 6 |
| 51 | Comments to Westaway and Bridgland "Causes, consequences and chronology of large-magnitude palaeoflows in Middle and Late Pleistocene river systems of northwest Europe". <i>Earth Surface Processes and Landforms</i> , 2011, 36, 1410-1413. | 1.2 | 4 |
| 52 | Late Quaternary vegetation and climate of SE Europe-NW Asia according to pollen records in three offshore cores from the Black and Marmara seas. <i>Palaeobiodiversity and Palaeoenvironments</i> , 2021, 101, 197-212. | 0.6 | 3 |
| 53 | The "Sink" of the Danube River Basin: The Distal Danube Deep-Sea Fan. , 2013, , 701-735. | | 3 |
| 54 | Overview of the Bosphorus Depositional Fan from Data Sets Recovered on the Black Sea Shelf off the Strait of Istanbul. <i>International Journal of Environmental Sciences & Natural Resources</i> , 2019, 17, . | 0.3 | 2 |

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | Apport de la sismique tres haute resolution multitrace a l'etude des sequences sedimentaires recentes. Bulletin - Societe Geologique De France, 1988, IV, 1039-1048. | 0.9 | 2 |
| 56 | Acoustic, magnetic and seismic investigation of the sea floor off the uraniferous district of Piriac, France. Marine Geology, 1989, 86, 201-220. | 0.9 | 1 |
| 57 | Boreal Submerged Black Sea Landscapes. , 2014, , 73-88. | | 0 |