

Lionel Denis

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

585
citations

623574

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h-index

610775

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g-index

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all docs

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docs citations

29
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717
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Nutrients and carbon budgets for the Gulf of Lion during the Moogli cruises. <i>Oceanologica Acta: European Journal of Oceanology - Revue Europeene De Oceanologie</i> , 2003, 26, 421-433. | 0.7 | 60 |
| 2 | Temporal variability in dissolved inorganic nitrogen fluxes at the sediment-water interface and related annual budget on a continental shelf (NW Mediterranean). <i>Oceanologica Acta: European Journal of Oceanology - Revue Europeene De Oceanologie</i> , 2001, 24, 85-97. | 0.7 | 52 |
| 3 | Benthic remineralization at the land-ocean interface: A case study of the Rhône River (NW Tj ETQq1 1 0.784314 rgBT /Overlock 1 | 0.9 | 49 |
| 4 | Spatial variability in oxygen and nutrient fluxes at the sediment-water interface on the continental shelf in the Gulf of Lions (NW Mediterranean). <i>Oceanologica Acta: European Journal of Oceanology - Revue Europeene De Oceanologie</i> , 2003, 26, 373-389. | 0.7 | 48 |
| 5 | Impact of the <i>Phaeocystis globosa</i> spring bloom on the intertidal benthic compartment in the eastern English Channel: A synthesis. <i>Marine Pollution Bulletin</i> , 2009, 58, 55-63. | 2.3 | 39 |
| 6 | Spatial variability in Sediment Oxygen Consumption under winter conditions in a lagoonal system in New Caledonia (South Pacific). <i>Journal of Experimental Marine Biology and Ecology</i> , 2003, 285-286, 33-47. | 0.7 | 38 |
| 7 | In situ oxygen uptake rates by coastal sediments under the influence of the Rhône River (NW Tj ETQq1 1 0.784314 rgBT /Overlock 1 | 0.9 | 32 |
| 8 | Spatio-temporal variability in benthic mineralization processes in the eastern English Channel. <i>Biogeochemistry</i> , 2008, 89, 163-180. | 1.7 | 30 |
| 9 | Global climate change and local watershed management as potential drivers of salinity variation in a tropical coastal lagoon (Laguna de Terminos, Mexico). <i>Aquatic Sciences</i> , 2017, 79, 219-230. | 0.6 | 29 |
| 10 | Calanoid copepod resting egg abundance and hatching success in the sediment of the Seine estuary (France). <i>Estuarine, Coastal and Shelf Science</i> , 2011, 92, 255-262. | 0.9 | 24 |
| 11 | Microphytobenthic production estimated by in situ oxygen microprofiling: short-term dynamics and carbon budget implications. <i>Journal of Soils and Sediments</i> , 2012, 12, 1517-1529. | 1.5 | 18 |
| 12 | Spatio-temporal variability in benthic exchanges at the sediment-water interface of a shallow tropical coastal lagoon (south coast of Gulf of Mexico). <i>Estuarine, Coastal and Shelf Science</i> , 2019, 218, 368-380. | 0.9 | 18 |
| 13 | Short-term variability of intertidal microphytobenthic production using an oxygen microprofiling system. <i>Marine and Freshwater Research</i> , 2009, 60, 712. | 0.7 | 16 |
| 14 | The effects of <i>Phaeocystis globosa</i> bloom on the dynamics of the mineralization processes in intertidal permeable sediment in the Eastern English Channel (Wimereux, France). <i>Marine Pollution Bulletin</i> , 2008, 56, 1284-1293. | 2.3 | 15 |
| 15 | Seasonal fluctuations of the copepod resting egg bank in the middle Seine estuary, France: Impact on the nauplii recruitment. <i>Estuarine, Coastal and Shelf Science</i> , 2014, 142, 60-67. | 0.9 | 15 |
| 16 | The intra-annual variability of soft-bottom macrobenthos abundance patterns in the North Channel of the Seine estuary. <i>Hydrobiologia</i> , 2007, 588, 173-188. | 1.0 | 14 |
| 17 | Additional records and distribution (2011-2012) of <i>Hemigrapsus sanguineus</i> (De Haan, 1835) along the French coast of the English Channel. <i>Management of Biological Invasions</i> , 2013, 4, 305-315. | 0.5 | 14 |
| 18 | Benthic exchange of sedimentary metals (Cd, Cu, Fe, Mn, Ni and Zn) in the Deule River (Northern Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 | 0.7 | 13 |

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|----|---|-----|-----------|
| 19 | Benthic ecology of tropical coastal lagoons: Environmental changes over the last decades in the T rminos Lagoon, Mexico. Comptes Rendus - Geoscience, 2017, 349, 319-329. | 0.4 | 13 |
| 20 | Does the Phaeocystis bloom affect the diel migration of the suprabenthos community?. Marine Pollution Bulletin, 2008, 56, 77-87. | 2.3 | 8 |
| 21 | Consequences of spring phytodetritus sedimentation on the benthic compartment along a depth gradient in the Eastern English Channel. Marine Pollution Bulletin, 2008, 56, 1844-1854. | 2.3 | 7 |
| 22 | Macrobenthic biodiversity and oxygen uptake in estuarine systems: the example of the Seine estuary. Journal of Soils and Sediments, 2012, 12, 1568-1580. | 1.5 | 7 |
| 23 | Annelid polychaetes experience metabolic acceleration as other Lophotrochozoans: Inferences on the life cycle of Arenicola marina with a Dynamic Energy Budget model. Ecological Modelling, 2019, 411, 108773. | 1.2 | 7 |
| 24 | Spatiotemporal variability in Terminos Lagoon (Mexico) waters during the 2009 2010 drought reveals upcoming trophic status shift in response to climate change. Regional Environmental Change, 2019, 19, 1787-1799. | 1.4 | 6 |
| 25 | Changes in the flooding area due to storm surge under climate change in an extensive wetland area in the southern Gulf of Mexico. , 2020, 33, 105-121. | | 5 |
| 26 | Macrobenthic diversity and sediment-water exchanges of oxygen and ammonium: Example of two subtidal communities of the eastern English Channel. Journal of Sea Research, 2018, 136, 15-27. | 0.6 | 4 |
| 27 | Linking multiple facets of biodiversity and ecosystem functions in a coastal reef habitat. Marine Environmental Research, 2020, 162, 105092. | 1.1 | 4 |
| 28 | Dynamic Diagenetic Modelling and Impacts of Biota. Environmental and Ecological Risk Assessment, 2009, , 303-322. | 0.1 | 0 |