

Bertrand Lubac

List of Publications by Year in descending order

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26
papers

1,148
citations

567281

15
h-index

713466

21
g-index

27
all docs

27
docs citations

27
times ranked

1357
citing authors

#	ARTICLE	IF	CITATIONS
1	Variability and classification of remote sensing reflectance spectra in the eastern English Channel and southern North Sea. <i>Remote Sensing of Environment</i> , 2007, 110, 45-58.	11.0	163
2	Uncertainties of optical parameters and their propagations in an analytical ocean color inversion algorithm. <i>Applied Optics</i> , 2010, 49, 369.	2.1	153
3	Atmospheric Corrections and Multi-Conditional Algorithm for Multi-Sensor Remote Sensing of Suspended Particulate Matter in Low-to-High Turbidity Levels Coastal Waters. <i>Remote Sensing</i> , 2017, 9, 61.	4.0	126
4	An inherent-optical-property-centered approach to correct the angular effects in water-leaving radiance. <i>Applied Optics</i> , 2011, 50, 3155.	2.1	105
5	Monitoring Beach Topography and Nearshore Bathymetry Using Spaceborne Remote Sensing: A Review. <i>Remote Sensing</i> , 2019, 11, 2212.	4.0	88
6	Influence of recent climatic events on the surface water storage of the Tonle Sap Lake. <i>Science of the Total Environment</i> , 2018, 636, 1520-1533.	8.0	67
7	Hyperspectral and multispectral ocean color inversions to detect <i>Phaeocystis globosa</i> blooms in coastal waters. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	63
8	Effect of inherent optical properties variability on the chlorophyll retrieval from ocean color remote sensing: an in situ approach. <i>Optics Express</i> , 2010, 18, 20949.	3.4	61
9	Evolution of the Performances of Radar Altimetry Missions from ERS-2 to Sentinel-3A over the Inner Niger Delta. <i>Remote Sensing</i> , 2018, 10, 833.	4.0	58
10	Toward Sentinel-2 High Resolution Remote Sensing of Suspended Particulate Matter in Very Turbid Waters: SPOT4 (Take5) Experiment in the Loire and Gironde Estuaries. <i>Remote Sensing</i> , 2015, 7, 9507-9528.	4.0	45
11	An assessment of optical properties and primary production derived from remote sensing in the Southern Ocean (SO GasEx). <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	43
12	Quantification of surface water volume changes in the Mackenzie Delta using satellite multi-mission data. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 1543-1561.	4.9	31
13	Nature-Based Solution along High-Energy Eroding Sandy Coasts: Preliminary Tests on the Reinstatement of Natural Dynamics in Reprofiled Coastal Dunes. <i>Water (Switzerland)</i> , 2019, 11, 2518.	2.7	25
14	Time series of bio-optical properties in a subtropical gyre: Implications for the evaluation of interannual trends of biogeochemical properties. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	19
15	Classification of Atlantic Coastal Sand Dune Vegetation Using In Situ, UAV, and Airborne Hyperspectral Data. <i>Remote Sensing</i> , 2020, 12, 2222.	4.0	18
16	Analysis of Suspended Sediment Variability in a Large Highly Turbid Estuary Using a 5-Year Long Remotely Sensed Data Archive at High Resolution. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 7661-7682.	2.6	16
17	Assessment of the decadal morphodynamic evolution of a mixed energy inlet using ocean color remote sensing. <i>Ocean Dynamics</i> , 2014, 64, 1517-1530.	2.2	14
18	Potential of High-Resolution Planet Labs Imagery to Monitor Salt Marsh Evolution After <i>Spartina</i> Invasion. <i>Remote Sensing</i> , 2019, 11, 968.	4.0	14

#	ARTICLE	IF	CITATIONS
19	HYPXIM: A new hyperspectral sensor combining science/defence applications. , 2011, , .		10
20	Performance and Uncertainty of Satellite-Derived Bathymetry Empirical Approaches in an Energetic Coastal Environment. Remote Sensing, 2022, 14, 2350.	4.0	10
21	Atmospheric Correction of Multi-Spectral Littoral Images Using a PHOTONS/AERONET-Based Regional Aerosol Model. Remote Sensing, 2017, 9, 814.	4.0	6
22	Geomorphological control of sandy beaches by a mixed-energy tidal inlet. Marine Geology, 2022, 450, 106863.	2.1	5
23	Hyperspectral field database in support to coastal wetland mapping. , 2012, , .		4
24	Bathymétrie de lâ€™embouchure du bassin dâ€™Arcachon par fusion de donnÃ©es hÃ©tÃ©roclites et reconstruction bathymÃ©trique. , 2012, , .		3
25	Challenges to identify phytoplankton species in coastal waters by remote sensing. , 2005, 5885, 235.		1
26	Quantification of uncertainties in remotely derived optical properties of coastal and oceanic waters. Proceedings of SPIE, 2010, , .	0.8	0