Bertrand Lubac

List of Publications by Year
in descending order

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	Performance and Uncertainty of Satellite-Derived Bathymetry Empirical Approaches in an Energetic Coastal Environment. Remote Sensing, 2022, 14, 2350.	4.0	10
2	Geomorphological control of sandy beaches by a mixed-energy tidal inlet. Marine Geology, 2022, 450, 106863.	2.1	5
3	Classification of Atlantic Coastal Sand Dune Vegetation Using In Situ, UAV, and Airborne Hyperspectral Data. Remote Sensing, 2020, 12, 2222.	4.0	18
4	Analysis of Suspended Sediment Variability in a Large Highly Turbid Estuary Using a 5â€Yearâ€Long Remotely Sensed Data Archive at High Resolution. Journal of Geophysical Research: Oceans, 2019, 124, 7661-7682.	2.6	16
5	Monitoring Beach Topography and Nearshore Bathymetry Using Spaceborne Remote Sensing: A Review. Remote Sensing, 2019, 11, 2212.	4.0	88
6	Potential of High-Resolution PlÃ©iades Imagery to Monitor Salt Marsh Evolution After Spartina Invasion. Remote Sensing, 2019, 11, 968.	4.0	14
7	Nature-Based Solution along High-Energy Eroding Sandy Coasts: Preliminary Tests on the Reinstatement of Natural Dynamics in Reprofiled Coastal Dunes. Water (Switzerland), 2019, 11, 2518.	2.7	25
8	Quantification of surface water volume changes in the Mackenzie Delta using satellite multi-mission data. Hydrology and Earth System Sciences, 2018, 22, 1543-1561.	4.9	31
9	Evolution of the Performances of Radar Altimetry Missions from ERS-2 to Sentinel-3A over the Inner Niger Delta. Remote Sensing, 2018, 10, 833.	4.0	58
10	Influence of recent climatic events on the surface water storage of the Tonle Sap Lake. Science of the Total Environment, 2018, 636, 1520-1533.	8.0	67
11	Atmospheric Corrections and Multi-Conditional Algorithm for Multi-Sensor Remote Sensing of Suspended Particulate Matter in Low-to-High Turbidity Levels Coastal Waters. Remote Sensing, 2017, 9, 61.	4.0	126
12	Atmospheric Correction of Multi-Spectral Littoral Images Using a PHOTONS/AERONET-Based Regional Aerosol Model. Remote Sensing, 2017, 9, 814.	4.0	6
13	Toward Sentinel-2 High Resolution Remote Sensing of Suspended Particulate Matter in Very Turbid Waters: SPOT4 (Take5) Experiment in the Loire and Gironde Estuaries. Remote Sensing, 2015, 7, 9507-9528.	4.0	45
14	Assessment of the decadal morphodynamic evolution of a mixed energy inlet using ocean color remote sensing. Ocean Dynamics, 2014, 64, 1517-1530.	2.2	14
15	Hyperspectral field database in support to coastal wetland mapping. , 2012, , .		4
16	BathymÃ©trie de lâ€™embouchure du bassin dâ€™Arcachon par fusion de donnÃ©es hÃ©tÃ©roclites et reconstruction bathymÃ©trique. , 2012, , .		3
17	HYPXIM: A new hyperspectral sensor combining science/defence applications. , 2011, , .		10
18	An assessment of optical properties and primary production derived from remote sensing in the Southern Ocean (SO GasEx). Journal of Geophysical Research, 2011, 116, .	3.3	43

#	Article	IF	Citations
19	An inherent-optical-property-centered approach to correct the angular effects in water-leaving radiance. Applied Optics, 2011, 50, 3155.	2.1	105
20	Quantification of uncertainties in remotely derived optical properties of coastal and oceanic waters. Proceedings of SPIE, 2010, , .	0.8	0
21	Time series of bioâ€optical properties in a subtropical gyre: Implications for the evaluation of interannual trends of biogeochemical properties. Journal of Geophysical Research, 2010, 115, .	3.3	19
22	Uncertainties of optical parameters and their propagations in an analytical ocean color inversion algorithm. Applied Optics, 2010, 49, 369.	2.1	153
23	Effect of inherent optical properties variability on the chlorophyll retrieval from ocean color remote sensing: an in situ approach. Optics Express, 2010, 18, 20949.	3.4	61
24	Hyperspectral and multispectral ocean color inversions to detect *Phaeocystis globosa* blooms in coastal waters. Journal of Geophysical Research, 2008, 113, .	3.3	63
25	Variability and classification of remote sensing reflectance spectra in the eastern English Channel and southern North Sea. Remote Sensing of Environment, 2007, 110, 45-58.	11.0	163
26	Challenges to identify phytoplankton species in coastal waters by remote sensing. , 2005, 5885, 235.		1