# Fabrice Hernandez

List of Publications by Year
in descending order



| 46 | 2,879 | 186265 28 | 254184 43 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 50 | 50 | 50 | 3506 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Altimetry for the future: Building on 25 years of progress. Advances in Space Research, 2021, 68, 319-363. | 2.6 | 119 |
| 2 | Ocean Reanalyses: Recent Advances and Unsolved Challenges. Frontiers in Marine Science, 2019, 6, . | 2.5 | 63 |
| 3 | Synergies in Operational Oceanography: The Intrinsic Need for Sustained Ocean Observations. Frontiers in Marine Science, 2019, 6, . | 2.5 | 39 |
| 4 | From Observation to Information and Users: The Copernicus Marine Service Perspective. Frontiers in Marine Science, 2019, 6, . | 2.5 | 135 |
| 5 | PIRATA: A Sustained Observing System for Tropical Atlantic Climate Research and Forecasting. Earth and Space Science, 2019, 6, 577-616. | 2.6 | 63 |
| 6 | The Tropical Atlantic Observing System. Frontiers in Marine Science, 2019, 6, . | 2.5 | 80 |
| 7 | Copernicus Marine Service Ocean State Report. Journal of Operational Oceanography, 2018, 11, S1-S142. | 1.2 | 96 |
| 8 | Steric sea level variability (1993â€“2010) in an ensemble of ocean reanalyses and objective analyses. Climate Dynamics, 2017, 49, 709-729. | 3.8 | 48 |
| 9 | Intercomparison and validation of the mixed layer depth fields of global ocean syntheses. Climate Dynamics, 2017, 49, 753-773. | 3.8 | 52 |
| 10 | Interannual-decadal variability of wintertime mixed layer depths in the North Pacific detected by an ensemble of ocean syntheses. Climate Dynamics, 2017, 49, 891-907. | 3.8 | 16 |
| 11 | Ocean heat content variability and change in an ensemble of ocean reanalyses. Climate Dynamics, 2017, 49, 909-930. | 3.8 | 88 |
| 12 | An assessment of airâ€“sea heat fluxes from ocean and coupled reanalyses. Climate Dynamics, 2017, 49, 983-1008. | 3.8 | 81 |
| 13 | Intercomparison of the Arctic sea ice cover in global oceanâ€“sea ice reanalyses from the ORA-IP project. Climate Dynamics, 2017, 49, 1107-1136. | 3.8 | 92 |
| 14 | An assessment of upper ocean salinity content from the Ocean Reanalyses Inter-comparison Project (ORA-IP). Climate Dynamics, 2017, 49, 1009-1029. | 3.8 | 21 |
| 15 | The Copernicus Marine Environment Monitoring Service Ocean State Report. Journal of Operational Oceanography, 2016, 9, s235-s320. | 1.2 | 86 |
| 16 | GODAE OceanView Class 4 forecast verification framework: global ocean inter-comparison. Journal of Operational Oceanography, 2015, 8, s98-s111. | 1.2 | 40 |
| 17 | GODAE OceanView Inter-comparison for the Australian Region. Journal of Operational Oceanography, 2015, 8, s112-s126. | 1.2 | 13 |
| 18 | Recent progress in performance evaluations and near real-time assessment of operational ocean products. Journal of Operational Oceanography, 2015, 8, s221-s238. | 1.2 | 41 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | The Ocean Reanalyses Intercomparison Project (ORA-IP). Journal of Operational Oceanography, 2015, 8, s80-s97. | 1.2 | 169 |
| 20 | Synthesis of new scientific challenges for GODAE OceanView. Journal of Operational Oceanography, 2015, 8, s259-s271. | 1.2 | 9 |
| 21 | Mean meridional currents in the central and eastern equatorial Atlantic. Climate Dynamics, 2014, 43, 2943-2962. | 3.8 | 19 |
| 22 | GODAE inter-comparisons in the Tasman and Coral Seas. Journal of Operational Oceanography, 2012, 5, 11-24. | 1.2 | 14 |
| 23 | Satellite oceanography and climate change. Deep-Sea Research Part II: Topical Studies in Oceanography, 2012, 77-80, 1-9. | 1.4 | 8 |
| 24 | An ocean modelling and assimilation guide to using GOCE geoid products. Ocean Science, 2011, 7, 151-164. | 3.4 | 26 |
| 25 | Performance of Ocean Forecasting Systemsâ€"Intercomparison Projects. , 2011, , 633-655. | | 2 |
| 26 | Validation and Intercomparison Studies Within GODAE. Oceanography, 2009, 22, 128-143. | 1.0 | 47 |
| 27 | An absolute calibration site for radar altimeters in the continental domain: Lake Issykkul in Central Asia. Journal of Geodesy, 2009, 83, 723-735. | 3.6 | 82 |
| 28 | The GODAE/Mercator-Ocean global ocean forecasting system: results, applications and prospects. Journal of Operational Oceanography, 2008, 1, 51-57. | 1.2 | 88 |
| 29 | THE PIRATA PROGRAM. Bulletin of the American Meteorological Society, 2008, 89, 1111-1126. | 3.3 | 309 |
| 30 | Combining altimetric/gravimetric and ocean model mean dynamic topography models in the GOCINA region. , 2007, , 3-10. | | 7 |
| 31 | The geoid EDIN2000 and mean sea surface topography around the British Isles. Geophysical Journal International, 2004, 157, 565-577. | 2.4 | 26 |
| 32 | A mean dynamic topography computed over the world ocean from altimetry, in situ measurements, and a geoid model. Journal of Geophysical Research, 2004, 109, . | 3.3 | 382 |
| 33 | High-frequency response of wind-driven currents measured by drifting buoys and altimetry over the world ocean. Journal of Geophysical Research, 2003, 108, . | 3.3 | 98 |
| 34 | Estimating mean dynamic topography in the tropical Pacific Ocean from gravity and altimetry satellites. Geophysical Research Letters, 2003, 30, . | 4.0 | 7 |
| 35 | Significance of cyclonic SubTropical Oceanic Rings of Magnitude (STORM) eddies for the carbon budget of the euphotic layer in the subtropical northeast Atlantic. Journal of Geophysical Research, 2003, 108, . | 3.3 | 18 |
| 36 | Can We MergeGEOSAT Follow-Onwith TOPEX/Poseidon andERS-2for an Improved Description of the Ocean Circulation?. Journal of Atmospheric and Oceanic Technology, 2003, 20, 889-895. | 1.3 | 129 |

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|---|---|---|---|
| 37 | Large-scale sea-level variations and associated atmospheric forcing in the subtropical north-east Atlantic Ocean. Deep-Sea Research Part II: Topical Studies in Oceanography, 2002, 49, 3957-3981. | 1.4 | 15 |
| 38 | Observations of an intense anticyclonic warm eddy in the Newfoundland Basin. Geophysical Research Letters, 2001, 28, 2649-2652. | 4.0 | 0 |
| 39 | Observation of the Circulation in the Newfoundland Basin in Winter 1997. Journal of Physical Oceanography, 2001, 31, 689-710. | 1.7 | 14 |
| 40 | Variability of the Azores Current during Octoberâ€“December 1993. Journal of Marine Systems, 2001, 29, 101-123. | 2.1 | 5 |
| 41 | Large structures and temporal change in the Azores Front during the SEMAPHORE experiment. Journal of Geophysical Research, 1998, 103, 25009-25027. | 3.3 | 33 |
| 42 | Study of the air-sea interactions at the mesoscale: the SEMAPHORE experiment. Annales Geophysicae, 1996, 14, 986-1015. | 1.6 | 61 |
| 43 | Optimizing a Drifter Cast Strategy with a Genetic Algorithm. Journal of Atmospheric and Oceanic Technology, 1995, 12, 330-345. | 1.3 | 45 |
| 44 | Mapping mesoscale variability of the Azores Current using TOPEX/POSEIDON and ERS 1 altimetry, together with hydrographic and Lagrangian measurements. Journal of Geophysical Research, 1995, 100, 24995. | 3.3 | 49 |
| 45 | Mapping the Oceanic Mesoscale Circulation: Validation of Satellite Altimetry Using Surface Drifters. Journal of Atmospheric and Oceanic Technology, 1992, 9, 687-698. | 1.3 | 34 |
| 46 | Measuring Performances, Skill and Accuracy in Operational Oceanography: New Challenges and Approaches. , 0, , . | | 6 |