Charly de Marez

List of Publications by Year
in descending order

16	172	1040056 9	1125743 13
papers	citations	h-index	g-index

16	16	16	151
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structure and Dynamics of the Ras al Hadd Oceanic Dipole in the Arabian Sea. Oceans, 2021, 2, 105-125.	1.3	11
2	Spreading and Vertical Structure of the Persian Gulf and Red Sea Outflows in the Northwestern Indian Ocean. Journal of Geophysical Research: Oceans, 2021, 126, e2019JC015983.	2.6	2
3	The Dynamical Structure of a Warm Core Ring as Inferred from Glider Observations and Along-Track Altimetry. Remote Sensing, 2021, 13, 2456.	4.0	3
4	The influence of merger and convection on an anticyclonic eddy trapped in a bowl. Ocean Modelling, 2021, 167, 101874.	2.4	4
5	Interaction of an Upwelling Front with External Vortices: Impact on Cross-shore Particle Exchange. Regular and Chaotic Dynamics, 2021, 26, 543-561.	0.8	0
6	Study of the stability of a large realistic cyclonic eddy. Ocean Modelling, 2020, 146, 101540.	2.4	14
7	Observations of a Deep Submesoscale Cyclonic Vortex inÂtheÂArabian Sea. Geophysical Research Letters, 2020, 47, e2020GL087881.	4.0	18
8	Vortexâ€“wall interaction on the Î²-plane and the generation of deep submesoscale cyclones by internal Kelvin Wavesâ€“current interactions. Geophysical and Astrophysical Fluid Dynamics, 2020, 114, 588-606.	1.2	4
9	Oceanic vortex mergers are not isolated but influenced by the Î²-effect and surrounding eddies. Scientific Reports, 2020, 10, 2897.	3.3	14
10	Heat Content Anomaly and Decay of Warmâ€€Core Rings: the Case of the Gulf of Mexico. Geophysical Research Letters, 2020, 47, e2019GL085600.	4.0	17
11	On the dynamics of an idealised bottom density current overflowing in a semi-enclosed basin: mesoscale and submesoscale eddies generation. Geophysical and Astrophysical Fluid Dynamics, 2020, 114, 607-630.	1.2	5
12	Interaction of the Gulf Stream with small scale topography: a focus on lee waves. Scientific Reports, 2020, 10, 2332.	3.3	12
13	Life cycle of mesoscale eddies in the Gulf of Aden. Geophysical and Astrophysical Fluid Dynamics, 2020, 114, 631-649.	1.2	9
14	On the 3D structure of eddies in the Arabian Sea. Deep-Sea Research Part I: Oceanographic Research Papers, 2019, 150, 103057.	1.4	34
15	The life cycle of submesoscale eddies generated by topographic interactions. Ocean Science, 2019, 15, 1531-1543.	3.4	21
16	The Interaction of Two Surface Vortices Near a Topographic Slope in a Stratified Ocean. Fluids, 2017, 2, 57.	1.7	4