

Fabrizio Ortolani

List of Publications by Year in descending order

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26
papers

1,978
citations

567281

15
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526287

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all docs

27
docs citations

27
times ranked

1034
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental investigation on the effect of Leading Edge Tubercles on the Performance of Marine Propellers in fully wet condition. Ocean Engineering, 2022, 255, 111249.	4.3	3
2	Numerical analysis of marine propellers low frequency noise during maneuvering. Part II: Passive and active noise control strategies. Applied Ocean Research, 2022, 125, 103201.	4.1	5
3	Numerical analysis of marine propellers low frequency noise during maneuvering. Applied Ocean Research, 2021, 106, 102461.	4.1	14
4	A Generalized Hybrid RANSE/BEM Approach for the Analysis of Hullâ€™Propeller Interaction in Off-Design Conditions. Journal of Marine Science and Engineering, 2021, 9, 482.	2.6	2
5	Experimental investigation of single blade loads by captive model tests in pure oblique flow. Part II: Propeller in-plane loads and preliminary comparison of single blade loads during transient phases. Ocean Engineering, 2021, 234, 109149.	4.3	6
6	Experimental investigation of single blade loads by captive model tests in pure oblique flow. Ocean Engineering, 2020, 196, 106789.	4.3	7
7	Analysis of fretting inception for marine propeller by single blade loads measurement in realistic operating conditions. Straight ahead and turning circle maneuver. Marine Structures, 2020, 71, 102720.	3.8	11
8	Propeller performance on a model ship in straight and steady drift motions from single blade loads and flow field measurements. Ocean Engineering, 2020, 197, 106881.	4.3	15
9	In-plane and single blade loads measurement setups for propeller performance assessment during free running and captive model tests. Ocean Engineering, 2020, 217, 107928.	4.3	2
10	Experimental investigation of blade and propeller loads: Steady turning motion. Applied Ocean Research, 2019, 91, 101874.	4.1	21
11	Experimental investigation of single blade and propeller loads by free running model test. Straight ahead sailing. Applied Ocean Research, 2019, 87, 111-129.	4.1	16
12	Experimental and Numerical Investigation of Propeller Loads in Off-Design Conditions. Journal of Marine Science and Engineering, 2018, 6, 45.	2.6	21
13	Analysis of propeller bearing loads by CFD. Part I: Straight ahead and steady turning maneuvers. Ocean Engineering, 2017, 130, 241-259.	4.3	69
14	CFD analysis of the sensitivity of propeller bearing loads to stern appendages and propulsive configurations. Applied Ocean Research, 2017, 69, 205-219.	4.1	20
15	Analysis of propeller bearing loads by CFD. Part II: Transient maneuvers. Ocean Engineering, 2017, 146, 217-233.	4.3	32
16	Investigation of the radial bearing force developed during actual ship operations. Part 2: Unsteady maneuvers. Ocean Engineering, 2015, 106, 424-445.	4.3	34
17	Investigation of the radial bearing force developed during actual ship operations. Part 1: Straight ahead sailing and turning maneuvers. Ocean Engineering, 2015, 94, 67-87.	4.3	48
18	Preliminary Evaluation of Control and Manoeuvring Qualities for the AUTODROP-UUV vehicle. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 132-137.	0.4	9

#	ARTICLE	IF	CITATIONS
19	The fluorescence detector of the Pierre Auger Observatory. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 620, 227-251.	1.6	275
20	Atmospheric effects on extensive air showers observed with the surface detector of the Pierre Auger observatory. Astroparticle Physics, 2009, 32, 89-99.	4.3	43
21	Upper limit on the cosmic-ray photon fraction at EeV energies from the Pierre Auger Observatory. Astroparticle Physics, 2009, 31, 399-406.	4.3	117
22	Limit on the diffuse flux of ultrahigh energy tau neutrinos with the surface detector of the Pierre Auger Observatory. Physical Review D, 2009, 79, .	4.7	99
23	Correlation of the highest-energy cosmic rays with the positions of nearby active galactic nuclei. Astroparticle Physics, 2008, 29, 188-204.	4.3	305
24	Upper limit on the cosmic-ray photon flux above 10 ¹⁹ eV using the surface detector of the Pierre Auger Observatory. Astroparticle Physics, 2008, 29, 243-256.	4.3	161
25	Observation of the Suppression of the Flux of Cosmic Rays above 4×10^{19} eV. Physical Review Letters, 2008, 101, 061101.	7.8	500
26	Upper Limit on the Diffuse Flux of Ultrahigh Energy Tau Neutrinos from the Pierre Auger Observatory. Physical Review Letters, 2008, 100, 211101.	7.8	141