

# Jean Christophe Gilloteaux

## List of Publications by Year in descending order

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22  
papers

290  
citations

1306789

7  
h-index

1199166

12  
g-index

25  
all docs

25  
docs citations

25  
times ranked

212  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental investigation of the hydro-elastic response of a spar-type floating offshore wind turbine. <i>Ocean Engineering</i> , 2022, 255, 111430.	1.9	11
2	Experimental proof-of-concept of an energy ship propelled by a Flettner rotor. <i>Journal of Physics: Conference Series</i> , 2022, 2265, 042057.	0.3	1
3	Exploitation of the far-offshore wind energy resource by fleets of energy ships " Part 2: Updated ship design and cost of energy estimate. <i>Wind Energy Science</i> , 2021, 6, 1191-1204.	1.2	4
4	A weak-scatterer potential flow theory-based model for the hydroelastic analysis of offshore wind turbine substructures. <i>Ocean Engineering</i> , 2021, 238, 109702.	1.9	8
5	Experimental validation of the energy ship concept for far-offshore wind energy conversion. <i>Ocean Engineering</i> , 2021, 239, 109830.	1.9	7
6	Exploitation of the far-offshore wind energy resource by fleets of energy ships " Part 1: Energy ship design and performance. <i>Wind Energy Science</i> , 2020, 5, 839-853.	1.2	12
7	Energy and economic performance of the FARWIND energy system for sustainable fuel production from the far-offshore wind energy resource. , 2019, , .		5
8	Towards Numerical Simulation of Offshore Wind Turbines Using Anisotropic Mesh Adaptation. <i>Springer Tracts in Mechanical Engineering</i> , 2019, , 95-104.	0.1	0
9	Comparison of the capacity factor of stationary wind turbines and weather-routed energy ships in the far-offshore. <i>Journal of Physics: Conference Series</i> , 2019, 1356, 012001.	0.3	4
10	Techno-economic feasibility of fleets of far offshore hydrogen-producing wind energy converters. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 7266-7289.	3.8	84
11	Impact of the aerodynamic model on the modelling of the behaviour of a Floating Vertical Axis Wind Turbine. <i>Journal of Physics: Conference Series</i> , 2018, 1104, 012001.	0.3	2
12	Wind Propulsion Options for Energy Ships. , 2018, , .		5
13	Influence of nonlinear Froude-Krylov forces on the performance of two wave energy points absorbers. <i>Journal of Ocean Engineering and Marine Energy</i> , 2017, 3, 209-220.	0.9	31
14	Preliminary Design of a Wind Driven Vessel Dedicated to Hydrogen Production. , 2017, , .		7
15	Development of a Simulation Tool Coupling Hydrodynamics and Unsteady Aerodynamics to Study Floating Wind Turbines. , 2017, , .		3
16	A New Ballasted Floating Support for Offshore Wind Turbine. , 2014, , .		0
17	Fully Coupled Floating Wind Turbine Simulator Based on Nonlinear Finite Element Method: Part I " Methodology. , 2013, , .		8
18	A Nonlinear Extension for Linear Boundary Element Methods in Wave Energy Device Modelling. , 2012, , .		22

#	ARTICLE	IF	CITATIONS
19	Control-informed geometric optimisation of wave energy converters. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2010, 43, 366-371.	0.4	17
20	A modelling methodology for multi-body systems with application to wave-energy devices. Ocean Engineering, 2008, 35, 1381-1387.	1.9	21
21	A Non-Linear Potential Model to Predict Large-Amplitudes-Motions: Application to the SEAREV Wave Energy Converter. , 2007, , 529.		12
22	Optimization and Time-Domain Simulation of the SEAREV Wave Energy Converter. , 2005, , 703.		23