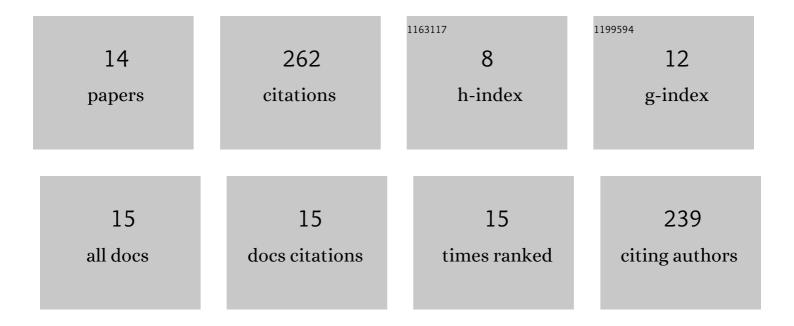
## Ajit C Pillai

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2240289/publications.pdf Version: 2024-02-01



Διιτ C Ριιι λι

#	Article	IF	Citations
1	Offshore wind farm electrical cable layout optimization. Engineering Optimization, 2015, 47, 1689-1708.	2.6	66
2	Application of an offshore wind farm layout optimization methodology at Middelgrunden wind farm. Ocean Engineering, 2017, 139, 287-297.	4.3	56
3	Offshore wind farm layout optimization using particle swarm optimization. Journal of Ocean Engineering and Marine Energy, 2018, 4, 73-88.	1.7	27
4	An Energy Management System for the Control of Battery Storage in a Grid-Connected Microgrid Using Mixed Integer Linear Programming. Energies, 2021, 14, 6212.	3.1	27
5	Mooring system design optimization using a surrogate assisted multi-objective genetic algorithm. Engineering Optimization, 2019, 51, 1370-1392.	2.6	19
6	A Review of Predictive and Prescriptive Offshore Wind Farm Operation and Maintenance. Energies, 2022, 15, 504.	3.1	19
7	Multi-objective optimization of the operation and maintenance assets of an offshore wind farm using genetic algorithms. Wind Engineering, 2020, 44, 390-409.	1.9	15
8	A framework for processing wave buoy measurements in the presence of current. Applied Ocean Research, 2021, 106, 102420.	4.1	9
9	Verification and Benchmarking Methodology for O&M Planning and Optimization Tools in the Offshore Renewable Energy Sector. , 2018, , .		6
10	Resolving combined wave-current fields from measurements using interior point optimization. Coastal Engineering, 2019, 149, 4-14.	4.0	6
11	Comparison of Offshore Wind Farm Layout Optimization Using a Genetic Algorithm and a Particle Swarm Optimizer. , 2016, , .		5
12	An experimental assessment of the effect of current on wave buoy measurements. Coastal Engineering, 2022, 174, 104114.	4.0	2
13	Anchor loads for shallow water mooring of a 15 MW floating wind turbine — Part I: Chain catenary moorings for single and shared anchor scenarios. Ocean Engineering, 2022, 266, 111816.	4.3	2
14	Experimental Data of Bottom Pressure and Free Surface Elevation including Wave and Current Interactions. Data, 2021, 6, 103.	2.3	1