

Ajit C Pillai

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

262
citations

1163117

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1199594

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15
all docs

15
docs citations

15
times ranked

239
citing authors

#	ARTICLE	IF	CITATIONS
1	Offshore wind farm electrical cable layout optimization. <i>Engineering Optimization</i> , 2015, 47, 1689-1708.	2.6	66
2	Application of an offshore wind farm layout optimization methodology at Middelgrunden wind farm. <i>Ocean Engineering</i> , 2017, 139, 287-297.	4.3	56
3	Offshore wind farm layout optimization using particle swarm optimization. <i>Journal of Ocean Engineering and Marine Energy</i> , 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. <i>Energies</i> , 2021, 14, 6212.	3.1	27
5	Moorings system design optimization using a surrogate assisted multi-objective genetic algorithm. <i>Engineering Optimization</i> , 2019, 51, 1370-1392.	2.6	19
6	A Review of Predictive and Prescriptive Offshore Wind Farm Operation and Maintenance. <i>Energies</i> , 2022, 15, 504.	3.1	19
7	Multi-objective optimization of the operation and maintenance assets of an offshore wind farm using genetic algorithms. <i>Wind Engineering</i> , 2020, 44, 390-409.	1.9	15
8	A framework for processing wave buoy measurements in the presence of current. <i>Applied Ocean Research</i> , 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. <i>Coastal Engineering</i> , 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. <i>Coastal Engineering</i> , 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. <i>Ocean Engineering</i> , 2022, 266, 111816.	4.3	2
14	Experimental Data of Bottom Pressure and Free Surface Elevation including Wave and Current Interactions. <i>Data</i> , 2021, 6, 103.	2.3	1