

Lisa Ziegler

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

394
citations

1040056

9
h-index

1281871

11
g-index

14
all docs

14
docs citations

14
times ranked

435
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural monitoring for lifetime extension of offshore wind monopiles: Verification of strain-based load extrapolation algorithm. <i>Marine Structures</i> , 2019, 66, 154-163.	3.8	39
2	Lifetime extension of onshore wind turbines: A review covering Germany, Spain, Denmark, and the UK. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 82, 1261-1271.	16.4	214
3	Design optimization with genetic algorithms: How does steel mass increase if offshore wind monopiles are designed for a longer service life?. <i>Journal of Physics: Conference Series</i> , 2018, 1104, 012014.	0.4	4
4	Fatigue Crack Detection for Lifetime Extension of Monopile-based Offshore Wind Turbines. <i>Energy Procedia</i> , 2017, 137, 143-151.	1.8	10
5	Lifetime extension for large offshore wind farms: Is it enough to reassess fatigue for selected design positions?. <i>Energy Procedia</i> , 2017, 137, 523-530.	1.8	14
6	Performance and failure analysis of concentrator solar cells after intensive stressing with thermal, electrical, and combined load. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	4
7	Brief communication: Structural monitoring for lifetime extension of offshore wind monopiles: can strain measurements at one level tell us everything?. <i>Wind Energy Science</i> , 2017, 2, 469-476.	3.3	21
8	Comparing a Fracture Mechanics Model to the SN-Curve Approach for Jacket-Supported Offshore Wind Turbines: Challenges and Opportunities for Lifetime Prediction. , 2016, , .		7
9	Effect of Load Sequence and Weather Seasonality on Fatigue Crack Growth for Monopile-based Offshore Wind Turbines. <i>Energy Procedia</i> , 2016, 94, 115-123.	1.8	15
10	Fatigue reassessment for lifetime extension of offshore wind monopile substructures. <i>Journal of Physics: Conference Series</i> , 2016, 753, 092010.	0.4	22
11	Design clustering of offshore wind turbines using probabilistic fatigue load estimation. <i>Renewable Energy</i> , 2016, 91, 425-433.	8.9	19
12	Sensitivity of Wave Fatigue Loads on Offshore Wind Turbines under Varying Site Conditions. <i>Energy Procedia</i> , 2015, 80, 193-200.	1.8	25