

# Rodrigo Martinez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1148804/publications.pdf>

Version: 2024-02-01

10  
papers

215  
citations

1040056

9  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

174  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Design and manufacture of a bed supported tidal turbine model for blade and shaft load measurement in turbulent flow and waves. <i>Renewable Energy</i> , 2017, 107, 312-326.                                     | 8.9 | 50        |
| 2  | The effects of oblique waves and currents on the loadings and performance of tidal turbines. <i>Ocean Engineering</i> , 2018, 164, 55-64.   | 4.3 | 45        |
| 3  | Variation of loads on a three-bladed horizontal axis tidal turbine with frequency and blade position. <i>Journal of Fluids and Structures</i> , 2018, 83, 156-170.  | 3.4 | 35        |
| 4  | MaRINET2 Tidal Energy Round Robin Tests – Performance Comparison of a Horizontal Axis Turbine Subjected to Combined Wave and Current Conditions. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 463. | 2.6 | 21        |
| 5  | Analysis of the effects of control strategies and wave climates on the loading and performance of a laboratory scale horizontal axis tidal turbine. <i>Ocean Engineering</i> , 2020, 212, 107713.                 | 4.3 | 14        |
| 6  | Standardising Marine Renewable Energy Testing: Gap Analysis and Recommendations for Development of Standards. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 971.                                    | 2.6 | 13        |
| 7  | Tidal Energy Round Robin Tests: A Comparison of Flow Measurements and Turbine Loading. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 425.   | 2.6 | 11        |
| 8  | Validation of the dynamic load characteristics on a Tidal Stream Turbine when subjected to wave and current interaction. <i>Ocean Engineering</i> , 2021, 222, 108360.  | 4.3 | 10        |
| 9  | A detailed study of tidal turbine power production and dynamic loading under grid generated turbulence and turbine wake operation. <i>Renewable Energy</i> , 2021, 169, 1422-1439.                                | 8.9 | 9         |
| 10 | A Phenomenological Study of Lab-Scale Tidal Turbine Loading under Combined Irregular Wave and Shear Flow Conditions. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 593.                             | 2.6 | 7         |