

# Astrid H Brodtkorb

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10893019/publications.pdf>

Version: 2024-02-01

10  
papers

199  
citations

1307594

7  
h-index

1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

127  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sea state estimation using vessel response in dynamic positioning. Applied Ocean Research, 2018, 70, 76-86.	4.1	46
2	Sea state estimation using multiple ships simultaneously as sailing wave buoys. Applied Ocean Research, 2019, 83, 65-76.	4.1	39
3	A brute-force spectral approach for wave estimation using measured vessel motions. Marine Structures, 2018, 60, 101-121.	3.8	32
4	Hybrid controller concept for dynamic positioning of marine vessels with experimental results. Automatica, 2018, 93, 489-497.	5.0	27
5	Tuning of transfer functions for analysis of wave–ship interactions. Marine Structures, 2021, 79, 103029.	3.8	23
6	Online wave estimation using vessel motion measurements. IFAC-PapersOnLine, 2018, 51, 244-249.	0.9	13
7	Compensation of bias loads in dynamic positioning of marine surface vessels. Ocean Engineering, 2019, 178, 484-492.	4.3	9
8	Sea State Estimation Using Quadratic Discriminant Analysis and Partial Least Squares Regression. IFAC-PapersOnLine, 2019, 52, 72-77.	0.9	5
9	Parameterised transfer functions with associated confidence bands. Applied Ocean Research, 2022, 125, 103250.	4.1	4
10	Ship Motion-Based Wave Estimation Using a Spectral Residual-Calculation. , 2018, , .		1