

# Muhammad Ikhwan

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/6301314/muhammad-ikhwan-publications-by-year.pdf>

**Version:** 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

24  
papers

44  
citations

3  
h-index

6  
g-index

28  
ext. papers

61  
ext. citations

0.9  
avg, IF

2.19  
L-index

#	Paper	IF	Citations
24	State Mapping of the Public Health Development Index in Aceh Province using K-Medoids method. <i>Journal of Physics: Conference Series</i> , <b>2021</b> , 1863, 012070	0.3	0
23	Identification of total suspended solid (TSS) in the Aceh waters from ocean color. <i>Journal of Physics: Conference Series</i> , <b>2021</b> , 1882, 012022	0.3	
22	Kinetic energy of M2 tide in the Makassar Strait. <i>Journal of Physics: Conference Series</i> , <b>2021</b> , 1882, 012002.	0.3	
21	Extraction of kinetic energy in the part of Aceh Waters. <i>Journal of Physics: Conference Series</i> , <b>2021</b> , 1882, 012019	0.3	1
20	Hydrodynamics and Tidal Turbine Generator Stability Analysis in Several Wave Variations. <i>International Journal of Differential Equations</i> , <b>2021</b> , 2021, 1-8	0.8	
19	Identification of M2 tidal velocity and energy in the eastern waters of Aceh based on numerical simulation. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2021</b> , 674, 012054	0.3	1
18	The influence of monsoon on mixed layer depth in the northern waters of Aceh in 2017. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2021</b> , 674, 012055	0.3	
17	Generation of ocean internal wave with vertical-slice hydrodynamic simulation. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2021</b> , 674, 012114	0.3	
16	Effect of monsoon on ocean productivity in Aceh waters. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2021</b> , 674, 012053	0.3	
15	Numerical study of tides in the Malacca Strait with a 3-D model. <i>Heliyon</i> , <b>2020</b> , 6, e04828	3.6	4
14	The correlation between supervisor's h-index and the number of PMDSU student's publications. <i>Journal of Physics: Conference Series</i> , <b>2020</b> , 1460, 012048	0.3	0
13	Optimal control on a mathematical model to pattern the progression of coronavirus disease 2019 (COVID-19) in Indonesia. <i>Global Health Research and Policy</i> , <b>2020</b> , 5, 38	7.6	12
12	The dynamics of surface wave propagation based on the Benjamin Bona Mahony equation. <i>Heliyon</i> , <b>2020</b> , 6, e04004	3.6	3
11	Modified T2FSMC approach for solar panel systems. <i>Systems Science and Control Engineering</i> , <b>2019</b> , 7, 189-197	2	2
10	Wind driven circulation in Makassar Strait during monsoon 2017. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2019</b> , 348, 012062	0.3	2
9	Ocean eddy detection in the Andaman Sea during April 2008. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2019</b> , 348, 012063	0.3	2
8	Thermocline studies using CMEMS data in the Andaman Sea during October 2017. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2019</b> , 348, 012064	0.3	2

7	Numerical study of M2 tide on the Gulf of Thailand. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2019</b> , 348, 012065	0.3	2
6	Effect of wind-driven currents circulation in Sabang Waters. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2019</b> , 348, 012094	0.3	2
5	Numerical simulation of M2 tide in the Makassar Strait. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2019</b> , 348, 012095	0.3	2
4	Numerical study of tides in the Bay of Sabang. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2019</b> , 348, 012096	0.3	2
3	Wind disturbance elimination on dual axis solar tracker using fuzzy logic control. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2019</b> , 364, 012038	0.3	
2	Model of virus therapy and chemotherapy for cancer. <i>IOP Conference Series: Earth and Environmental Science</i> , <b>2019</b> , 364, 012029	0.3	1
1	Model predictive control on dual axis solar tracker using Matlab/Simulink simulation <b>2018</b> ,		1