

Muhammad Ikhwan

List of Publications by Citations

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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	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> , 2020 , 5, 38	7.6	12
23	Numerical study of tides in the Malacca Strait with a 3-D model. <i>Heliyon</i> , 2020 , 6, e04828	3.6	4
22	The dynamics of surface wave propagation based on the Benjamin Bona Mahony equation. <i>Heliyon</i> , 2020 , 6, e04004	3.6	3
21	Modified T2FSMC approach for solar panel systems. <i>Systems Science and Control Engineering</i> , 2019 , 7, 189-197	2	2
20	Wind driven circulation in Makassar Strait during monsoon 2017. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 348, 012062	0.3	2
19	Ocean eddy detection in the Andaman Sea during April 2008. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 348, 012063	0.3	2
18	Thermocline studies using CMEMS data in the Andaman Sea during October 2017. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 348, 012064	0.3	2
17	Numerical study of M2 tide on the Gulf of Thailand. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 348, 012065	0.3	2
16	Effect of wind-driven currents circulation in Sabang Waters. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 348, 012094	0.3	2
15	Numerical simulation of M2 tide in the Makassar Strait. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 348, 012095	0.3	2
14	Numerical study of tides in the Bay of Sabang. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 348, 012096	0.3	2
13	Extraction of kinetic energy in the part of Aceh Waters. <i>Journal of Physics: Conference Series</i> , 2021 , 1882, 012019	0.3	1
12	Model of virus therapy and chemotherapy for cancer. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 364, 012029	0.3	1
11	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> , 2021 , 674, 012054	0.3	1
10	Model predictive control on dual axis solar tracker using Matlab/Simulink simulation 2018 ,		1
9	The correlation between supervisor's h-index and the number of PMDSU student's publications. <i>Journal of Physics: Conference Series</i> , 2020 , 1460, 012048	0.3	0
8	State Mapping of the Public Health Development Index in Aceh Province using K-Medoids method. <i>Journal of Physics: Conference Series</i> , 2021 , 1863, 012070	0.3	0

- 7 Identification of total suspended solid (TSS) in the Aceh waters from ocean color. *Journal of Physics: Conference Series*, **2021**, 1882, 012022 0.3
- 6 Kinetic energy of M2 tide in the Makassar Strait. *Journal of Physics: Conference Series*, **2021**, 1882, 012002.3
- 5 Hydrodynamics and Tidal Turbine Generator Stability Analysis in Several Wave Variations. *International Journal of Differential Equations*, **2021**, 2021, 1-8 0.8
- 4 Wind disturbance elimination on dual axis solar tracker using fuzzy logic control. *IOP Conference Series: Earth and Environmental Science*, **2019**, 364, 012038 0.3
- 3 The influence of monsoon on mixed layer depth in the northern waters of Aceh in 2017. *IOP Conference Series: Earth and Environmental Science*, **2021**, 674, 012055 0.3
- 2 Generation of ocean internal wave with vertical-slice hydrodynamic simulation. *IOP Conference Series: Earth and Environmental Science*, **2021**, 674, 012114 0.3
- 1 Effect of monsoon on ocean productivity in Aceh waters. *IOP Conference Series: Earth and Environmental Science*, **2021**, 674, 012053 0.3