Muhammad Ikhwan

List of Publications by Year
in descending order

28 papers	99 citations	1937685 4 h-index
28 all docs	28 docs citations	28 times ranked

1588992   8 g-index
80 citing authors

#	Article	IF	Citations
1	Identification of M2 tidal velocity and energy in the eastern waters of Aceh based on numerical simulation. IOP Conference Series: Earth and Environmental Science, 2021, 674, 012054.	0.3	1
2	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	1
3	Generation of ocean internal wave with vertical-slice hydrodynamic simulation. IOP Conference Series: Earth and Environmental Science, 2021, 674, 012114.	0.3	0
4	Effect of monsoon on ocean productivity in Aceh waters. IOP Conference Series: Earth and Environmental Science, 2021, 674, 012053.	0.3	3
5	State Mapping of the Public Health Development Index in Aceh Province using K-Medoids method. Journal of Physics: Conference Series, 2021, 1863, 012070.	0.4	1
6	Identification of total suspended solid (TSS) in the Aceh waters from ocean color. Journal of Physics: Conference Series, 2021, 1882, 012022.	0.4	0
7	Kinetic energy of M2 tide in the Makassar Strait. Journal of Physics: Conference Series, 2021, 1882, 012002.	0.4	0
8	Extraction of kinetic energy in the part of Aceh Waters. Journal of Physics: Conference Series, 2021, 1882, 012019.	0.4	1
9	Hydrodynamics and Tidal Turbine Generator Stability Analysis in Several Wave Variations. International Journal of Differential Equations, 2021, 2021, 1-8.	0.8	0
10	Solar panel angle position correction using light sensor and fuzzy logic control. , 2021, , .		1
11	Partial distance strategy analysis on city characteristics to improve reliable smart cities services. , 2021, , .		3
12	Optimal control on a mathematical model to pattern the progression of coronavirus disease 2019 (COVID-19) in Indonesia. Global Health Research and Policy, 2020, 5, 38.	3.6	33
13	The dynamics of surface wave propagation based on the Benjamin Bona Mahony equation. Heliyon, 2020, 6, e04004.	3.2	5
14	Numerical study of tides in the Malacca Strait with a 3-D model. Heliyon, 2020, 6, e04828.	3.2	14
15	The correlation between supervisor's h-index and the number of PMDSU student's publications. Journal of Physics: Conference Series, 2020, 1460, 012048.	0.4	1
16	MODELING OF M2-TIDE IN THE WESTERN WATERS OF ACEH, INDONESIA. Journal of Sustainability Science and Management, 2020, 15, 122-135.	0.5	4
17	Modified T2FSMC approach for solar panel systems. Systems Science and Control Engineering, 2019, 7, 189-197.	3.1	3
18	Wind driven circulation in Makassar Strait during monsoon 2017. IOP Conference Series: Earth and Environmental Science, 2019, 348, 012062.	0.3	3

#	Article	IF	Citations
19	Ocean eddy detection in the Andaman Sea during April 2008. IOP Conference Series: Earth and Environmental Science, 2019, 348, 012063.	0.3	4
20	Thermocline studies using CMEMS data in the Andaman Sea during October 2017. IOP Conference Series: Earth and Environmental Science, 2019, 348, 012064.	0.3	3
21	Numerical study of M2 tide on the Gulf of Thailand. IOP Conference Series: Earth and Environmental Science, 2019, 348, 012065.	0.3	2
22	Effect of wind-driven currents circulation in Sabang Waters. IOP Conference Series: Earth and Environmental Science, 2019, 348, 012094.	0.3	3
23	Numerical simulation of M2 tide in the Makassar Strait. IOP Conference Series: Earth and Environmental Science, 2019, 348, 012095.	0.3	2
24	Numerical study of tides in the Bay of Sabang. IOP Conference Series: Earth and Environmental Science, 2019, 348, 012096.	0.3	2
25	Wind disturbance elimination on dual axis solar tracker using fuzzy logic control. IOP Conference Series: Earth and Environmental Science, 2019, 364, 012038.	0.3	0
26	Model of virus therapy and chemotherapy for cancer. IOP Conference Series: Earth and Environmental Science, 2019, 364, 012029.	0.3	1
27	Model predictive control on dual axis solar tracker using Matlab/Simulink simulation. , 2018, , .		6
28	Model predictive parking control on four wheel vehicle with optimum parking space. , 2017, , .		2