Dendy Adanta

List of Publications by Year
in descending order

27 papers	100 citations	1684188 5 h-index	1588992 8 g-index
27 all docs	27 docs citations	27 times ranked	35 citing authors

#	Article	IF	Citations
1	The effect of bucketnumber on breastshot waterwheel performance. IOP Conference Series: Earth and Environmental Science, 2018, 105, 012031.	0.3	12
2	Investigation of the Î± angleâ€™s effect on the performance of an Archimedes turbine. Energy Procedia, 2019, 156, 458-462.	1.8	12
3	Blade Depth Investigation on Cross-flow Turbine by Numerical Method. , 2018, , .		10
4	Performance of a Low Cost Spoon-Based Turgo Turbine for Pico Hydro Installation. Energy Procedia, 2019, 156, 447-451.	1.8	8
5	HISTORY OF UTILIZATION OF THE COMPUTATIONAL FLUID DYNAMICS METHOD FOR STUDY PICO HYDRO TYPE CROSS-FLOW. Indonesian Journal of Engineering and Science, 2021, 2, 017-024.	0.8	7
6	Effect of Blades Number on Undershot Waterwheel Performance with Variable Inlet Velocity. , 2018, , .		6
7	Simple Bucket Curvature for Designing a Low-head Turgo Turbine for Pico Hydro Application. International Journal of Technology, 2017, 8, 1239.	0.8	6
8	Performance of breastshot waterwheel in run of river conditions. AIP Conference Proceedings, 2020, , .	0.4	5
9	Investigation of the effect of gaps between the blades of open flume Pico hydro turbine runners. Journal of Mechanical Engineering and Sciences, 2019, 13, 5493-5512.	0.6	4
10	Analysis of the Effects of Overflow Leakage Phenomenon on Archimedes Turbine Efficiency. , 2018, , .		3
11	The effect of wheel and nozzle diameter ratio on the performance of a Turgo turbine with pico scale. Energy Reports, 2020, 6, 601-605.	5.1	3
12	Effect of the number of blades on undershot waterwheel performance for straight blades. IOP Conference Series: Earth and Environmental Science, 2020, 431, 012024.	0.3	3
13	Cutout Types Analysis on Picohydro Pelton Turbine. International Journal on Advanced Science, Engineering and Information Technology, 2018, 8, 2024-2030.	0.4	3
14	CFD simulation methodology of cross-flow turbine with six degree of freedom feature. AIP Conference Proceedings, 2020, , .	0.4	2
15	Approach for a breastshot waterwheel numerical simulation methodology using six degrees of freedom. Energy Reports, 2020, 6, 611-616.	5.1	2
16	Open flume turbine simulation method using six-degrees of freedom feature. , 2020, , .		2
17	Effect of tangential absolute velocity at outlet on open flume turbine performance. IOP Conference Series: Earth and Environmental Science, 2020, 431, 012023.	0.3	2
18	Analysis of Inverse-Prandtl of Dissipation in Standard K-Î• Turbulence Model for Predicting Flow Field of Crossflow Wind Turbine. CFD Letters, 2020, 12, 68-78.	0.8	2

#	Article	IF	Citations
19	Performance of undershot waterwheel in pico scale with difference in the blades number. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2022, 44, 1.	1.6	2
20	Influence of Bucket Shape and Kinetic Energy on Breastshot Waterwheel Performance. , 2018, , .		1
21	Optimization of the Water Volume in the Buckets of Pico Hydro Overshot Waterwheel by Analytical Method. IOP Conference Series: Materials Science and Engineering, 2018, 316, 012056.	0.6	1
22	The effect of nozzle diameter on the flow characteristics of air entrainment phenomenon in vertical plunging jets. AIP Conference Proceedings, 2019, , .	0.4	1
23	The effect of jet height in air entrainment process of vertical plunging jet with downcomer. AIP Conference Proceedings, 2019, , .	0.4	1
24	The effect of channel slope angle on breastshot waterwheel turbine performance by numerical method. Energy Reports, 2020, 6, 606-610.	5.1	1
25	Simple Micro Controller Measurement Devices for Pico Hydro Turbines. International Review of Mechanical Engineering, 2019, 13, 471.	0.2	1
26	Application of Computational Fluid Dynamics Method for Cross-flow Turbine in Pico Scale. Journal of Energy Mechanical Material and Manufacturing Engineering, 2021, 6, 1-8.	0.1	0
27	Feasibility Analysis of a Pico-Scale Turgo Turbine Bucket using Coconut Shell Spoons for Electricity Generation in Remote Areas in Indonesia. Journal of Advanced Research in Fluid Mechanics and Thermal Sciences, 2020, 69, 85-97.	0.6	0