

Dendy Adanta

List of Publications by Year in descending order

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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	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
2	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
3	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
4	CFD simulation methodology of cross-flow turbine with six degree of freedom feature. AIP Conference Proceedings, 2020, , .	0.4	2
5	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
6	The effect of channel slope angle on breastshot waterwheel turbine performance by numerical method. Energy Reports, 2020, 6, 606-610.	5.1	1
7	Approach for a breastshot waterwheel numerical simulation methodology using six degrees of freedom. Energy Reports, 2020, 6, 611-616.	5.1	2
8	Performance of breastshot waterwheel in run of river conditions. AIP Conference Proceedings, 2020, , .	0.4	5
9	Open flume turbine simulation method using six-degrees of freedom feature. , 2020, , .		2
10	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
11	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
12	Analysis of Inverse-Prandtl of Dissipation in Standard K- ϵ Turbulence Model for Predicting Flow Field of Crossflow Wind Turbine. CFD Letters, 2020, 12, 68-78.	0.8	2
13	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
14	The effect of nozzle diameter on the flow characteristics of air entrainment phenomenon in vertical plunging jets. AIP Conference Proceedings, 2019, , .	0.4	1
15	The effect of jet height in air entrainment process of vertical plunging jet with downcomer. AIP Conference Proceedings, 2019, , .	0.4	1
16	Investigation of the β angle's effect on the performance of an Archimedes turbine. Energy Procedia, 2019, 156, 458-462.	1.8	12
17	Performance of a Low Cost Spoon-Based Turgo Turbine for Pico Hydro Installation. Energy Procedia, 2019, 156, 447-451.	1.8	8
18	Simple Micro Controller Measurement Devices for Pico Hydro Turbines. International Review of Mechanical Engineering, 2019, 13, 471.	0.2	1

#	ARTICLE	IF	CITATIONS
19	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
20	Blade Depth Investigation on Cross-flow Turbine by Numerical Method. , 2018, , .		10
21	Effect of Blades Number on Undershot Waterwheel Performance with Variable Inlet Velocity. , 2018, , .		6
22	Influence of Bucket Shape and Kinetic Energy on Breastshot Waterwheel Performance. , 2018, , .		1
23	The effect of bucketnumber on breastshot waterwheel performance. IOP Conference Series: Earth and Environmental Science, 2018, 105, 012031.	0.3	12
24	Analysis of the Effects of Overflow Leakage Phenomenon on Archimedes Turbine Efficiency. , 2018, , .		3
25	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
26	Cutout Types Analysis on Picohydro Pelton Turbine. International Journal on Advanced Science, Engineering and Information Technology, 2018, 8, 2024-2030.	0.4	3
27	Simple Bucket Curvature for Designing a Low-head Turgo Turbine for Pico Hydro Application. International Journal of Technology, 2017, 8, 1239.	0.8	6