

Soo-Hwang Ahn

List of Publications by Year in descending order

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Version: 2024-02-01

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158
citing authors

#	ARTICLE	IF	CITATIONS
1	Transient thermo-elasto-hydrodynamic analysis of a bidirectional thrust bearing in start-up and shutdown processes. <i>Engineering Computations</i> , 2022, 39, 1511-1533.	0.7	5
2	Fatigue analysis in rotor of a prototype bulb turbine based on fluid-structure interaction. <i>Engineering Failure Analysis</i> , 2022, 132, 105940.	1.8	5
3	Influence of rotation on the modal characteristics of a bulb turbine unit rotor. <i>Renewable Energy</i> , 2022, 187, 887-895.	4.3	12
4	Investigation on Dynamic Stresses of Pump-Turbine Runner during Start Up in Turbine Mode. <i>Processes</i> , 2021, 9, 499.	1.3	17
5	Numerical estimation of prototype hydraulic efficiency in a low head power station based on gross head conditions. <i>Renewable Energy</i> , 2020, 153, 175-181.	4.3	18
6	Evaluation of gap influence on the dynamic response behavior of pump-turbine runner. <i>Engineering Computations</i> , 2019, 36, 491-508.	0.7	24
7	Slurry Flow and Erosion Prediction in a Centrifugal Pump after Long-Term Operation. <i>Energies</i> , 2019, 12, 1523.	1.6	17
8	Numerical estimation of air core length in two-phase free surface vortex. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2019, 57, 475-487.	0.7	8
9	Hydraulic performance prediction of a prototype four-nozzle Pelton turbine by entire flow path simulation. <i>Renewable Energy</i> , 2018, 125, 270-282.	4.3	29
10	Unsteady prediction of cavitating flow around a three dimensional hydrofoil by using a modified RNG $k-\mu$ model. <i>Ocean Engineering</i> , 2018, 158, 275-285.	1.9	31
11	Numerical prediction on the effect of free surface vortex on intake flow characteristics for tidal power station. <i>Renewable Energy</i> , 2017, 101, 617-628.	4.3	65
12	Performance prediction of a prototype tidal power turbine by using a suitable numerical model. <i>Renewable Energy</i> , 2017, 113, 293-302.	4.3	31