

CITATION REPORT

List of articles citing

Impact of startup scheme on Francis runner life expectancy

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#	Paper	IF	Citations
38	The role of high cycle fatigue (HCF) onset in Francis runner reliability. <i>IOP Conference Series: Earth and Environmental Science</i> , 2012 , 15, 022005	0.3	13
37	On the stochastic simulation of hydroelectric turbine blades transient response. <i>Mechanical Systems and Signal Processing</i> , 2012 , 32, 178-187	7.8	9
36	On the Fatigue Reliability of Hydroelectric Francis Runners. <i>Procedia Engineering</i> , 2013 , 66, 565-574		14
35	A probabilistic model for the onset of High Cycle Fatigue (HCF) crack propagation: Application to hydroelectric turbine runner. <i>International Journal of Fatigue</i> , 2013 , 47, 300-307	5	37
34	An Experimental Comparison of Weld-Induced Residual Stresses Using Different Stainless Steel Filler Metals Commonly Used for Hydraulic Turbines Manufacturing and Repair. <i>Materials Science Forum</i> , 2013 , 768-769, 628-635	0.4	1
33	Transient Pressure Measurements on a High Head Model Francis Turbine During Emergency Shutdown, Total Load Rejection, and Runaway. <i>Journal of Fluids Engineering, Transactions of the ASME</i> , 2014 , 136,	2.1	73
32	Influence of load spectrum assumptions on the expected reliability of hydroelectric turbines: A case study. <i>Structural Safety</i> , 2014 , 50, 1-8	4.9	24
31	Optimization of turbine startup: Some experimental results from a propeller runner. <i>IOP Conference Series: Earth and Environmental Science</i> , 2014 , 22, 032022	0.3	12
30	Experimental investigations of a model Francis turbine during shutdown at synchronous speed. <i>Renewable Energy</i> , 2015 , 83, 828-836	8.1	51
29	Modeling the dynamic behavior of turbine runner blades during transients using indirect measurements. <i>IOP Conference Series: Earth and Environmental Science</i> , 2016 , 49, 072014	0.3	5
28	Preliminary investigation of flow dynamics during the start-up of a bulb turbine model. <i>IOP Conference Series: Earth and Environmental Science</i> , 2016 , 49, 062024	0.3	3
27	Analysis on regulation strategies for extending service life of hydropower turbines. <i>IOP Conference Series: Earth and Environmental Science</i> , 2016 , 49, 052013	0.3	4
26	Investigation of the fluid-structure interaction of a high head Francis turbine using OpenFOAM and Code_Aster. <i>IOP Conference Series: Earth and Environmental Science</i> , 2016 , 49, 072005	0.3	2
25	Unsteady pressure measurements on the runner of a Kaplan turbine during load acceptance and load rejection. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2016 , 54, 56-73	1.9	34
24	Effect of periodic underloads on fatigue crack growth in three steels used in hydraulic turbine runners. <i>International Journal of Fatigue</i> , 2016 , 85, 40-48	5	12
23	A review on fatigue damage mechanism in hydro turbines. <i>Renewable and Sustainable Energy Reviews</i> , 2016 , 54, 1-14	16.2	99
22	Fatigue threshold at high stress ratio under periodic underloads in turbine runner steels. <i>International Journal of Fatigue</i> , 2017 , 103, 264-271	5	3

21	Wear Reduction for Hydropower Turbines Considering Frequency Quality of Power Systems: A Study on Controller Filters. <i>IEEE Transactions on Power Systems</i> , 2017 , 32, 1191-1201	7	23
20	Rapid Reserve Generation from a Francis Turbine for System Frequency Control. <i>Energies</i> , 2017 , 10, 496	3.1	6
19	A Hydrodynamic Study of a Propeller Turbine During a Transient Runaway Event Initiated at the Best Efficiency Point. <i>Journal of Fluids Engineering, Transactions of the ASME</i> , 2018 , 140,	2.1	3
18	Compressible Large Eddy Simulation of a Francis Turbine During Speed-No-Load: Rotor Stator Interaction and Inception of a Vortical Flow. <i>Journal of Engineering for Gas Turbines and Power</i> , 2018 , 140,	1.7	18
17	Feasibility of Detecting Natural Frequencies of Hydraulic Turbines While in Operation, Using Strain Gauges. <i>Sensors</i> , 2018 , 18,	3.8	19
16	Experimental investigation on a high head Francis turbine model during shutdown operation. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 240, 022028	0.3	2
15	An Improved Frequency Dead Zone with Feed-Forward Control for Hydropower Units: Performance Evaluation of Primary Frequency Control. <i>Energies</i> , 2019 , 12, 1497	3.1	6
14	Fatigue life estimation of Francis turbines based on experimental strain measurements: Review of the actual data and future trends. <i>Renewable and Sustainable Energy Reviews</i> , 2019 , 102, 96-110	16.2	30
13	Variable-speed operation of Francis turbines: A review of the perspectives and challenges. <i>Renewable and Sustainable Energy Reviews</i> , 2019 , 103, 109-121	16.2	33
12	Investigation methods for analysis of transient phenomena concerning design and operation of hydraulic-machine systemsA review. <i>Renewable and Sustainable Energy Reviews</i> , 2019 , 101, 26-46	16.2	39
11	Analysis of the Runner Behavior During the Start-Up Sequence in a Bulb Turbine Model. <i>Journal of Fluids Engineering, Transactions of the ASME</i> , 2019 , 141,	2.1	5
10	Synchronized PIV and pressure measurements on a model Francis turbine during start-up. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2020 , 58, 70-86	1.9	7
9	Operational Modal Analysis of hydroelectric turbines using an order based likelihood approach. <i>Renewable Energy</i> , 2021 , 165, 799-811	8.1	3
8	Analysis of Dynamic Stresses of Pump-Turbine Runner during Load Rejection Process in Turbine Mode. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021 , 774, 012100	0.3	
7	Damage due to start-stop cycles of turbine runners under high-cycle fatigue. <i>International Journal of Fatigue</i> , 2021 , 153, 106458	5	1
6	Introduction. <i>Springer Theses</i> , 2019 , 1-16	0.1	
5	Flow-induced pulsations in Francis turbines during startup - A consequence of an intermittent energy system. <i>Renewable Energy</i> , 2022 ,	8.1	2
4	The Impact of Water Hammer on Hydraulic Power Units. <i>Energies</i> , 2022 , 15, 1526	3.1	0

- 3 Research on the Flow-Induced Stress Characteristics of Head-Cover Bolts of a Pump-Turbine during Turbine Start-Up. *Energies*, **2022**, 15, 1832 3.1 ○
- 2 Mechanism of extraordinary stress on blade during start-up of the Francis turbine. **2022**, 1079, 012024 ○
- 1 Start/stop Cost Evaluation of a Francis Turbine Runner Based on Reliability. **2023**, 261-269 ○