

Jose

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4882854/publications.pdf>

Version: 2024-02-01

31
papers

843
citations

759233

12
h-index

794594

19
g-index

31
all docs

31
docs citations

31
times ranked

400
citing authors

#	ARTICLE	IF	CITATIONS
1	Train Braking Time Variations Changing the Pressurized Air Temperature. <i>Fluids</i> , 2021, 6, 351.	1.7	1
2	Experimental study of the unsteady vibration signature for a Sirocco fan unit. <i>Journal of Low Frequency Noise Vibration and Active Control</i> , 2020, 39, 129-148.	2.9	3
3	Simplified Assessment on the Wind Farm Noise Impact of the E2O Experimental Offshore Station in the Asturian Coast. <i>Energies</i> , 2020, 13, 5788.	3.1	3
4	Symmetrized dot pattern analysis for the unsteady vibration state in a Sirocco fan unit. <i>Applied Acoustics</i> , 2019, 152, 1-12.	3.3	11
5	LES-based simulation of the time-resolved flow for rotor-stator interactions in axial fan stages. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2019, 29, 657-681.	2.8	8
6	Purified orbit diagram and numerical study for a failure analysis of a Sirocco fan. <i>Advances in Mechanical Engineering</i> , 2017, 9, 168781401773343.	1.6	2
7	Life cycle assessment for concrete kerbs manufactured with recycled aggregates. <i>Journal of Cleaner Production</i> , 2016, 113, 41-53.	9.3	52
8	Evaluation of Interaction and Blockage Effects for Multi-fan Units used in Public Transport HVAC Systems. <i>International Journal of Ventilation</i> , 2015, 13, 339-350.	0.4	1
9	Fault Diagnosis Technique for a Squirrel Cage Fan Using Vibration Analysis Signals. , 2014, , .		0
10	Numerical modelling of hydraulic turbomachines: a historical review. <i>Ingeniería Del Agua</i> , 2014, 18, 15.	0.4	0
11	Numerical methodology for the assessment of relative and absolute deterministic flow structures in the analysis of impeller-tongue interactions for centrifugal fans. <i>Computers and Fluids</i> , 2013, 86, 310-325.	2.5	11
12	Noise Prediction in HVAC Squirrel-Cage Fans by Unsteady Reynolds Navier-Stokes Computation. , 2012, , .		0
13	Discussion: A Novel Explicit Equation for Friction Factor in Smooth and Rough Pipes (Avci, A., and Tj ETQq1 1 0.784314 rgBT / Ov) ASME, 2011, 133, .	1.5	0
14	Flow Analysis and Deterministic Decoupling in a Squirrel Cage Fan. , 2011, , .		1
15	A simple acoustic model to characterize the internal low frequency sound field in centrifugal pumps. <i>Applied Acoustics</i> , 2011, 72, 59-64.	3.3	36
16	Noise Prediction in HVAC Squirrel-Cage Fans by Unsteady Reynolds Navier-Stokes Computation. , 2011, , .		1
17	Decomposition of Deterministic Unsteadiness in a Centrifugal Turbomachine: Nonlinear Interactions Between the Impeller Flow and Volute for a Double Suction Pump. <i>Journal of Fluids Engineering, Transactions of the ASME</i> , 2011, 133, .	1.5	12
18	Unsteady Flow Patterns for a Double Suction Centrifugal Pump. <i>Journal of Fluids Engineering, Transactions of the ASME</i> , 2009, 131, .	1.5	21

#	ARTICLE	IF	CITATIONS
19	Flow analysis for a double suction centrifugal machine in the pump and turbine operation modes. International Journal for Numerical Methods in Fluids, 2009, 61, 220-236.	1.6	29
20	Relationship between volute pressure fluctuation pattern and tonal noise generation in a squirrel-cage fan. Applied Acoustics, 2009, 70, 1384-1392.	3.3	28
21	Numerical Model for the Unsteady Flow Features of a Squirrel Cage Fan. , 2009, , .		3
22	The Effect of Impeller Cutback on the Fluid-Dynamic Pulsations and Load at the Blade-Passing Frequency in a Centrifugal Pump. Journal of Fluids Engineering, Transactions of the ASME, 2008, 130, .	1.5	72
23	Unsteady Flow Structure and Global Variables in a Centrifugal Pump. Journal of Fluids Engineering, Transactions of the ASME, 2006, 128, 937-946.	1.5	94
24	Steady and Unsteady Radial Forces for a Centrifugal Pump With Impeller to Tongue Gap Variation. Journal of Fluids Engineering, Transactions of the ASME, 2006, 128, 454-462.	1.5	92
25	Fluid-Dynamic Pulsations and Radial Forces in a Centrifugal Pump With Different Impeller Diameters. , 2005, , 1461.		3
26	The Effect of the Operating Point on the Pressure Fluctuations at the Blade Passage Frequency in the Volute of a Centrifugal Pump. Journal of Fluids Engineering, Transactions of the ASME, 2002, 124, 784-790.	1.5	118
27	Numerical Simulation of the Dynamic Effects Due to Impeller-Volute Interaction in a Centrifugal Pump. Journal of Fluids Engineering, Transactions of the ASME, 2002, 124, 348-355.	1.5	198
28	An Open Water Numerical Model for a Marine Propeller: A Comparison With Experimental Data. , 2002, , 807.		7
29	Unsteady Flow Structure on a Centrifugal Pump: Experimental and Numerical Approaches. , 2002, , 761.		3
30	A Study on the Unstable Coupling Between Pumps and Hydraulic Circuits With Entrapped Gas Pockets. , 2002, , .		0
31	Unsteady Flow Pattern Characteristics Downstream of a Forward-Curved Blades Centrifugal Fan. Journal of Fluids Engineering, Transactions of the ASME, 2001, 123, 265-270.	1.5	33