

# Jose

## List of Publications by Year in descending order

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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	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
2	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
3	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
4	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
5	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
6	Life cycle assessment for concrete kerbs manufactured with recycled aggregates. Journal of Cleaner Production, 2016, 113, 41-53.	9.3	52
7	A simple acoustic model to characterize the internal low frequency sound field in centrifugal pumps. Applied Acoustics, 2011, 72, 59-64.	3.3	36
8	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
9	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
10	Relationship between volute pressure fluctuation pattern and tonal noise generation in a squirrel-cage fan. Applied Acoustics, 2009, 70, 1384-1392.	3.3	28
11	Unsteady Flow Patterns for a Double Suction Centrifugal Pump. Journal of Fluids Engineering, Transactions of the ASME, 2009, 131, .	1.5	21
12	Decomposition of Deterministic Unsteadiness in a Centrifugal Turbomachine: Nonlinear Interactions Between the Impeller Flow and Volute for a Double Suction Pump. Journal of Fluids Engineering, Transactions of the ASME, 2011, 133, .	1.5	12
13	Numerical methodology for the assessment of relative and absolute deterministic flow structures in the analysis of impeller-tongue interactions for centrifugal fans. Computers and Fluids, 2013, 86, 310-325.	2.5	11
14	Symmetrized dot pattern analysis for the unsteady vibration state in a Sirocco fan unit. Applied Acoustics, 2019, 152, 1-12.	3.3	11
15	LES-based simulation of the time-resolved flow for rotor-stator interactions in axial fan stages. International Journal of Numerical Methods for Heat and Fluid Flow, 2019, 29, 657-681.	2.8	8
16	An Open Water Numerical Model for a Marine Propeller: A Comparison With Experimental Data. , 2002, , 807.		7
17	Unsteady Flow Structure on a Centrifugal Pump: Experimental and Numerical Approaches. , 2002, , 761.		3
18	Fluid-Dynamic Pulsations and Radial Forces in a Centrifugal Pump With Different Impeller Diameters. , 2005, , 1461.		3

#	ARTICLE	IF	CITATIONS
19	Numerical Model for the Unsteady Flow Features of a Squirrel Cage Fan. , 2009, , .		3
20	Experimental study of the unsteady vibration signature for a Sirocco fan unit. Journal of Low Frequency Noise Vibration and Active Control, 2020, 39, 129-148.	2.9	3
21	Simplified Assessment on the Wind Farm Noise Impact of the E2O Experimental Offshore Station in the Asturian Coast. Energies, 2020, 13, 5788.	3.1	3
22	Purified orbit diagram and numerical study for a failure analysis of a Sirocco fan. Advances in Mechanical Engineering, 2017, 9, 168781401773343.	1.6	2
23	Flow Analysis and Deterministic Decoupling in a Squirrel Cage Fan. , 2011, , .		1
24	Noise Prediction in HVAC Squirrel-Cage Fans by Unsteady Reynolds Navier-Stokes Computation. , 2011, , .		1
25	Evaluation of Interaction and Blockage Effects for Multi-fan Units used in Public Transport HVAC Systems. International Journal of Ventilation, 2015, 13, 339-350.	0.4	1
26	Train Braking Time Variations Changing the Pressurized Air Temperature. Fluids, 2021, 6, 351.	1.7	1
27	Discussion: "A Novel Explicit Equation for Friction Factor in Smooth and Rough Pipes" (Avci, A., and) Tj ETQq1 1 0.784314 rgBT / O ASME, 2011, 133, .	1.5	0
28	Noise Prediction in HVAC Squirrel-Cage Fans by Unsteady Reynolds Navier-Stokes Computation. , 2012, , .		0
29	Fault Diagnosis Technique for a Squirrel Cage Fan Using Vibration Analysis Signals. , 2014, , .		0
30	A Study on the Unstable Coupling Between Pumps and Hydraulic Circuits With Entrapped Gas Pockets. , 2002, , .		0
31	Numerical modelling of hydraulic turbomachines: a historical review. IngenierÃa Del Agua, 2014, 18, 15.	0.4	0