

# Jean

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9069511/publications.pdf>

Version: 2024-02-01

19  
papers

543  
citations

933264

10  
h-index

1058333

14  
g-index

21  
all docs

21  
docs citations

21  
times ranked

314  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of the Time Resolution Set Up Used to Compute the Full Load Vortex Rope in a Francis Turbine. Applied Sciences (Switzerland), 2021, 11, 1168.	1.3	3
2	Enhanced Operational Flexibility of a Small Run-of-River Hydropower Plant. Water (Switzerland), 2021, 13, 1897.	1.2	3
3	Compte-rendu des Journées «Machines hydrauliques, Cavitation» 2019, Sion, HES-SO, 6 et 7 novembre 2019. Houille Blanche, 2020, 106, 95-97.	0.3	0
4	Leak Detection using Random Forest and Pressure Simulation. , 2019, , .		5
5	RANS computations of a confined cavitating tip-leakage vortex. European Journal of Mechanics, B/Fluids, 2018, 67, 198-210.	1.2	49
6	CFD Investigation of a High Head Francis Turbine at Speed No-Load Using Advanced URANS Models. Applied Sciences (Switzerland), 2018, 8, 2505.	1.3	12
7	RANS computations of tip vortex cavitation. Journal of Physics: Conference Series, 2015, 656, 012183.	0.3	0
8	RANS and LES computations of the tip-leakage vortex for different gap widths. Journal of Turbulence, 2015, 16, 309-341.	0.5	93
9	A comparative study of cavitation models in a Venturi flow. European Journal of Mechanics, B/Fluids, 2015, 49, 287-297.	1.2	42
10	Mind the gap: a new insight into the tip leakage vortex using stereo-PIV. Experiments in Fluids, 2014, 55, 1.	1.1	172
11	Investigation of three-dimensional effects on a cavitating Venturi flow. International Journal of Heat and Fluid Flow, 2013, 44, 576-595.	1.1	47
12	Compressible effects modeling in turbulent cavitating flows. European Journal of Mechanics, B/Fluids, 2013, 39, 11-31.	1.2	54
13	Numerical simulation of cavitating tube problems with isothermal model. , 2012, , .		0
14	Study of compressibility effects on turbulent cavitating flows. , 2012, , .		0
15	Wall model and mesh influence study for partial cavities. European Journal of Mechanics, B/Fluids, 2012, 31, 12-29.	1.2	19
16	Time-dependent simulation of cavitating flow with $k-\epsilon$ turbulence models. International Journal for Numerical Methods in Fluids, 2012, 68, 1053-1072.	0.9	27
17	Unsteady simulation of cavitating flows in Venturi. Journal of Hydrodynamics, 2010, 22, 711-716.	1.3	11
18	Turbulence Model Study for Unsteady Cavitating Flows. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
19	Identification of 1-D cavitation model parameters by means of computational fluid dynamics. Journal of Hydraulic Research/De Recherches Hydrauliques, 0, , 1-12.	0.7	2