

Marcus Schmidt

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5985431/publications.pdf>

Version: 2024-02-01

13
papers

48
citations

2258059

3
h-index

1872680

6
g-index

15
all docs

15
docs citations

15
times ranked

20
citing authors

#	ARTICLE	IF	CITATIONS
1	The cavitating Taylor-Couette flow. <i>Physics of Fluids</i> , 2018, 30, 104101.	4.0	14
2	Numerical investigation of cavitation flow in journal bearing geometry. <i>EPJ Web of Conferences</i> , 2013, 45, 01081.	0.3	8
3	Application of computational fluid dynamics on cavitation in journal bearings. <i>EPJ Web of Conferences</i> , 2014, 67, 02099.	0.3	5
4	Advanced Model Experiment for the Research of Journal Bearings with Cavitation. , 0, , .		5
5	Numerical Study of the Three-Dimensional Oil Flow Inside a Wrist Pin Journal. <i>Tribology Transactions</i> , 2020, 63, 415-424.	2.0	4
6	High-Speed Digital Photography of Gaseous Cavitation in a Narrow Gap Flow. <i>Fluids</i> , 2022, 7, 159.	1.7	4
7	3-D CFD simulation of the lubrication film in a journal bearing. <i>MTZ Worldwide</i> , 2015, 76, 40-47.	0.1	2
8	Numerical simulation of suction cavitation in hydrodynamic journal bearings. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2019, 19, e201900202.	0.2	2
9	Bubble Dynamics in a Narrow Gap Flow under the Influence of Pressure Gradient and Shear Flow. <i>Fluids</i> , 2020, 5, 208.	1.7	2
10	Investigation of the velocity distribution in the flow of a journal bearing model. <i>EPJ Web of Conferences</i> , 2014, 67, 02083.	0.3	1
11	3D-CFD Flow Structures in Journal Bearings. , 0, , .		0
12	Experimental research of the couette flow with cross flow. <i>EPJ Web of Conferences</i> , 2012, 25, 01060.	0.3	0
13	Laser-optical and numerical Research of the flow inside the lubricating gap of a journal bearing model. <i>EPJ Web of Conferences</i> , 2013, 45, 01069.	0.3	0