

Å-zgÅœr ErtunÅ

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

198
citations

1307594

7
h-index

1058476

14
g-index

26
all docs

26
docs citations

26
times ranked

202
citing authors

#	ARTICLE	IF	CITATIONS
1	Homogeneity of turbulence generated by static-grid structures. Journal of Fluid Mechanics, 2010, 654, 473-500.	3.4	42
2	Pulsating laminar pipe flows with sinusoidal mass flux variations. Fluid Dynamics Research, 2005, 37, 317-333.	1.3	38
3	Pulsating laminar fully developed channel and pipe flows. Physical Review E, 2010, 81, 016303.	2.1	21
4	An analytical model for droplet separation in vane separators and measurements of grade efficiency and pressure drop. Nuclear Engineering and Design, 2014, 276, 98-106.	1.7	20
5	On the high contraction ratio anomaly of axisymmetric contraction of grid-generated turbulence. Physics of Fluids, 2008, 20, .	4.0	10
6	The penetration of acoustic cavitation bubbles into micrometer-scale cavities. Ultrasonics, 2016, 67, 190-198.	3.9	10
7	High-speed visualization of acoustically excited cavitation bubbles in a cluster near a rigid boundary. Journal of Visualization, 2017, 20, 359-368.	1.8	9
8	Development of an Experimental Setup for Double Rotor HAWT Investigation. , 2012, , .		6
9	A torque matched aerodynamic performance analysis method for the horizontal axis wind turbines. Wind Energy, 2014, 17, 1727-1736.	4.2	6
10	Torque-Matched Aerodynamic Shape Optimization of HAWT Rotor. Journal of Physics: Conference Series, 2014, 555, 012003.	0.4	6
11	A design and optimization method for matching the torque of the wind turbines. Journal of Renewable and Sustainable Energy, 2015, 7, 023129.	2.0	5
12	A Coupled Material Removal Model for Chemical Mechanical Polishing Processes. ECS Journal of Solid State Science and Technology, 2021, 10, 104003.	1.8	5
13	Application of Giesekus Model for Capillary Extrusion of Rubber Compound. Journal of Chemical Engineering of Japan, 2019, 52, 185-193.	0.6	3
14	Influence of turbulent flow characteristics on flame behaviour in diffuser combustors. Energy, 2019, 170, 652-667.	8.8	3
15	Active-grid turbulence effect on the topology and the flame location of a lean premixed combustion. Thermal Science, 2018, 22, 2425-2438.	1.1	3
16	Experimental Investigation of Particle Deagglomeration using Turbulence. Journal of Physics: Conference Series, 2011, 318, 092018.	0.4	2
17	Effects of turbulence intensity and length scale on the flame location of premixed turbulent combustion in a diffuser combustor. Journal of Thermal Science and Technology, 2017, 12, JTST0029-JTST0029.	1.1	2
18	Benchmark study of 2D and 3D VOF simulations of a simplex nozzle using a hybrid RANS-LES approach. Fuel, 2022, 319, 123695.	6.4	2

#	ARTICLE	IF	CITATIONS
19	A method for the aerodynamic design of dry powder inhalers. International Journal of Pharmaceutics, 2011, 416, 25-34.	5.2	1
20	Experimental and Numerical Study of Rubber Flow in the Extrusion Die of a Weather Strip. Journal of Chemical Engineering of Japan, 2019, 52, 867-876.	0.6	1
21	Mass Transfer of Organic Substances in Supercritical Carbon Dioxide. Defect and Diffusion Forum, 0, 326-328, 360-365.	0.4	0
22	A Complete Procedure for Predicting and Improving the Performance of HAWT's. Journal of Physics: Conference Series, 2014, 524, 012021.	0.4	0
23	Influence of turbulence on the performance of a laboratory scale HAWT. Proceedings in Applied Mathematics and Mechanics, 2014, 14, 645-646.	0.2	0
24	From Passive to Active Pitch Regulation of Wind Turbines: Optimization Method With Numerical Validation. , 2015, , .		0
25	Effect of the Motion Pattern on the Turbulence Generated by an Active Grid. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2021, , 37-46.	0.3	0