

Denghao Wu

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

395
citations

1163117

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888059

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all docs

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docs citations

18
times ranked

272
citing authors

#	ARTICLE	IF	CITATIONS
1	Research Strategies to Develop Environmentally Friendly Marine Antifouling Coatings. <i>Marine Drugs</i> , 2020, 18, 371.	4.6	124
2	Research Progress on the Collaborative Drag Reduction Effect of Polymers and Surfactants. <i>Materials</i> , 2020, 13, 444.	2.9	81
3	Technical Characteristics and Wear-Resistant Mechanism of Nano Coatings: A Review. <i>Coatings</i> , 2020, 10, 233.	2.6	45
4	Mechanical properties and application analysis of spider silk bionic material. <i>E-Polymers</i> , 2020, 20, 443-457.	3.0	39
5	Application of Bayesian regularization back propagation neural network in sensorless measurement of pump operational state. <i>Energy Reports</i> , 2022, 8, 3041-3050.	5.1	25
6	Unsteady Flow and Structural Behaviors of Centrifugal Pump under Cavitation Conditions. <i>Chinese Journal of Mechanical Engineering (English Edition)</i> , 2019, 32, .	3.7	16
7	Investigation of the correlation between noise & vibration characteristics and unsteady flow in a circulator pump. <i>Journal of Mechanical Science and Technology</i> , 2017, 31, 2155-2166.	1.5	11
8	Influence of blade profile on energy loss of sewage self-priming pump. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2019, 41, 1.	1.6	11
9	Airfoil profile surface drag reduction characteristics based on the structure of the mantis shrimp abdominal segment. <i>Archive of Applied Mechanics</i> , 2021, 91, 919-932.	2.2	8
10	Investigation of flow separation in a centrifugal pump impeller based on improved delayed detached eddy simulation method. <i>Advances in Mechanical Engineering</i> , 2019, 11, 168781401989783.	1.6	6
11	Experimental investigation on the gas-liquid flow patterns in a centrifugal pump during self-priming process. <i>AIP Advances</i> , 2020, 10, .	1.3	6
12	Impact of pressure gradients on fish scales in a jet fish pump. <i>Biosystems Engineering</i> , 2020, 191, 27-34.	4.3	6
13	Investigation of Self-Priming Process of a Centrifugal Pump with Double Blades. <i>Journal of Thermal Science</i> , 2021, 30, 849-858.	1.9	5
14	Influence of Bionic Circular Groove Blade Surface on Wear Performance. <i>Lubricants</i> , 2022, 10, 101.	2.9	5
15	Influence of circular non-smooth structure on cavitation damage characteristics of centrifugal pump. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2022, 44, 1.	1.6	4
16	Effect of Bionic Nonsmooth Surface Vane on the Antiwear Characteristics of Double-Vane Pump. <i>Applied Bionics and Biomechanics</i> , 2022, 2022, 1-13.	1.1	2
17	Dynamic Instability Analysis of a Double-Blade Centrifugal Pump. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8180.	2.5	1
18	Integrated topology optimization for vibration suppression in a vertical pump. <i>Advances in Mechanical Engineering</i> , 2019, 11, 168781401983268.	1.6	0