

Jishun Li

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

658
citations

623734

14
h-index

610901

24
g-index

51
all docs

51
docs citations

51
times ranked

369
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental study of crosswind effects on the performance of small cylindrical natural draft dry cooling towers. <i>Energy Conversion and Management</i> , 2015, 91, 238-248.	9.2	70
2	The influence of windbreak wall orientation on the cooling performance of small natural draft dry cooling towers. <i>International Journal of Heat and Mass Transfer</i> , 2014, 79, 1059-1069.	4.8	50
3	Performance enhancement for the natural draft dry cooling tower under crosswind condition by optimizing the water distribution. <i>International Journal of Heat and Mass Transfer</i> , 2017, 107, 271-280.	4.8	49
4	Roundness error evaluation algorithm based on polar coordinate transform. <i>Measurement: Journal of the International Measurement Confederation</i> , 2011, 44, 345-350.	5.0	44
5	Full scale experimental study of a small natural draft dry cooling tower for concentrating solar thermal power plant. <i>Applied Energy</i> , 2017, 193, 15-27.	10.1	43
6	Method for cylindricity error evaluation using Geometry Optimization Searching Algorithm. <i>Measurement: Journal of the International Measurement Confederation</i> , 2011, 44, 1556-1563.	5.0	41
7	Automatic parking path optimization based on Bezier curve fitting. , 2012, , .		38
8	The crosswind effects on the start-up process of natural draft dry cooling towers in dispatchable power plants. <i>International Journal of Heat and Mass Transfer</i> , 2019, 135, 950-961.	4.8	38
9	Measurements of crosswind influence on a natural draft dry cooling tower for a solar thermal power plant. <i>Applied Energy</i> , 2017, 206, 1169-1183.	10.1	34
10	Experimental investigation into the positive effects of a tri-blade-like windbreak wall on small size natural draft dry cooling towers. <i>Applied Thermal Engineering</i> , 2016, 105, 1000-1012.	6.0	32
11	An Adaptive MAC Protocol Based on IEEE802.15.6 for Wireless Body Area Networks. <i>Wireless Communications and Mobile Computing</i> , 2019, 2019, 1-9.	1.2	29
12	Experimental study of cold inflow effect on a small natural draft dry cooling tower. <i>Applied Thermal Engineering</i> , 2018, 128, 762-771.	6.0	26
13	Numerical investigation of the influence of local effects on the transient start-up process of natural draft dry cooling towers in dispatchable power plants. <i>International Journal of Heat and Mass Transfer</i> , 2019, 133, 166-178.	4.8	22
14	The transient start-up process of natural draft dry cooling towers in dispatchable thermal power plants. <i>International Journal of Heat and Mass Transfer</i> , 2018, 123, 201-212.	4.8	21
15	Computational investigations on convective flow and heat transfer of turbulent supercritical CO ₂ cooled in large inclined tubes. <i>Applied Thermal Engineering</i> , 2019, 159, 113922.	6.0	20
16	Numerical simulation of solar enhanced natural draft dry cooling tower. <i>Solar Energy</i> , 2014, 101, 8-18.	6.1	18
17	Water Consumption Comparison Between a Natural Draft Wet Cooling Tower and a Natural Draft Hybrid Cooling Tower—An Annual Simulation for Luoyang Conditions. <i>Heat Transfer Engineering</i> , 2017, 38, 1034-1043.	1.9	13
18	A Joint Channel Selection and Routing Protocol for Cognitive Radio Network. <i>Wireless Communications and Mobile Computing</i> , 2018, 2018, 1-7.	1.2	9

#	ARTICLE	IF	CITATIONS
19	A novel method to predict the transient start-up time for natural draft dry cooling towers in dispatchable power plants. International Journal of Heat and Mass Transfer, 2019, 145, 118794.	4.8	8
20	An Energy Supply System for Wireless Sensor Network Nodes. International Journal of Distributed Sensor Networks, 2012, 8, 603709.	2.2	6
21	Dynamic Response of Parallel Hoisting System under Drive Deviation between Ropes with Time-Varying Length. Shock and Vibration, 2017, 2017, 1-10.	0.6	5
22	Starting up a practical natural draft cooling system: Experimental and theoretical study on transients. International Communications in Heat and Mass Transfer, 2021, 126, 105444.	5.6	5
23	The effect of polymer on piezoelectric fiber composites actuators. , 2009, , .		4
24	Application of Fuzzy Control Strategy in Automatic Parking Path Planning. , 2012, , .		4
25	Structural improvement to accelerate the start-up process of natural draft dry cooling towers in dispatchable power plants. Applied Thermal Engineering, 2020, 181, 116017.	6.0	4
26	Active piezoelectric energy harvester based on impedance matching. , 2012, , .		3
27	An Efficient Data Collection Protocol Based on Multihop Routing and Single-Node Cooperation in Wireless Sensor Networks. Journal of Sensors, 2014, 2014, 1-9.	1.1	3
28	EBRP: An Energy-Efficient and Buffer-Aware Routing Protocol for Mobile Crowdsensing Network. International Journal of Distributed Sensor Networks, 2016, 12, 4972785.	2.2	3
29	Separating and Reconstructing Techniques of Cylindricity Error by Three-point Method. , 2006, , .		2
30	A MISO cooperative transmission algorithm for clustering wireless sensor network. , 2011, , .		2
31	Strength analysis for pre-stressed bolted joints of turntable bearings. , 2011, , .		2
32	Fluorescence of silicon nanoparticles prepared by nanosecond pulsed laser. AIP Advances, 2014, 4, 031332.	1.3	2
33	Prediction Method for the Radial Runout of Inner Ring in Cylindrical Roller Bearings. Mathematical Problems in Engineering, 2017, 2017, 1-13.	1.1	2
34	Virtual Prototype of the Tunnel Boring Machine and Movement Simulation in DIVISION Mockup2000i2. , 2009, , .		2
35	Study on Load Distribution Calculating Method of Slewing Bearing with the Link Elements. Advanced Science Letters, 2011, 4, 2759-2763.	0.2	2
36	<title>Mapping matrices and weight function in high-precision EST of flatness by optical probe</title>. , 2000, , .		1

#	ARTICLE	IF	CITATIONS
37	Research on Heat Exchange Characteristics Between Rock and High-Pressure Fluid Through the Cranny Among Dry Hot Rocks. , 2010, , .		1
38	<title>Actual profile reconstruction of a precision cylinder based on error separation technique</title>. , 2002, 4567, 94.		0
39	Design and Preparation of Carbon Template with Tailored Porous System. , 2007, , .		0
40	Roundness error evaluation based on polar mesh searching algorithm. , 2009, , .		0
41	Digital manufacturing technology for spring coiling. , 2009, , .		0
42	Marking-Points Matching and Tracking Methods in Micro-table Posture Measurement System. , 2010, , .		0
43	An anti-jamming counting approach for pulse signal of displacement sensor. , 2010, , .		0
44	Research on Performance of Interdigitated Electrodes Piezoelectric Oscillator. Procedia Engineering, 2011, 15, 1066-1070.	1.2	0
45	Kinematics Analysis for a 4-RPR Parallel Mechanism of the Milling of the Big Radius Spherical Fiducial Surface. Lecture Notes in Computer Science, 2008, , 466-474.	1.3	0
46	Integrated Automation System for Weighing and Blending Process Based on DCS. , 2009, , .		0
47	Movable Instantaneous Impact Pressure Testing Device. , 2009, , .		0
48	Integration of Multi-View Data Based on Auxiliary Reference Plane. , 2009, , .		0
49	CBR-Based Process Planning for Special-Type Spring Coiling. , 2009, , .		0
50	Simulation the Heat Flow Field in Cooler of Rotary Calcining Kiln. Communications in Computer and Information Science, 2011, , 6-11.	0.5	0
51	The Spatial Shape Representation and 3D Modeling of Special-Shape Spring. , 2006, , 171-176.		0