

Jishun Li

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

658
citations

623734

14
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610901

24
g-index

51
all docs

51
docs citations

51
times ranked

369
citing authors

#	ARTICLE	IF	CITATIONS
1	Starting up a practical natural draft cooling system: Experimental and theoretical study on transients. <i>International Communications in Heat and Mass Transfer</i> , 2021, 126, 105444.	5.6	5
2	Structural improvement to accelerate the start-up process of natural draft dry cooling towers in dispatchable power plants. <i>Applied Thermal Engineering</i> , 2020, 181, 116017.	6.0	4
3	A novel method to predict the transient start-up time for natural draft dry cooling towers in dispatchable power plants. <i>International Journal of Heat and Mass Transfer</i> , 2019, 145, 118794.	4.8	8
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	Prediction Method for the Radial Runout of Inner Ring in Cylindrical Roller Bearings. <i>Mathematical Problems in Engineering</i> , 2017, 2017, 1-13.	1.1	2
16	Dynamic Response of Parallel Hoisting System under Drive Deviation between Ropes with Time-Varying Length. <i>Shock and Vibration</i> , 2017, 2017, 1-10.	0.6	5
17	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
18	EBRP: An Energy-Efficient and Buffer-Aware Routing Protocol for Mobile Crowdsensing Network. <i>International Journal of Distributed Sensor Networks</i> , 2016, 12, 4972785.	2.2	3

#	ARTICLE	IF	CITATIONS
19	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
20	An Efficient Data Collection Protocol Based on Multihop Routing and Single-Node Cooperation in Wireless Sensor Networks. <i>Journal of Sensors</i> , 2014, 2014, 1-9.	1.1	3
21	Numerical simulation of solar enhanced natural draft dry cooling tower. <i>Solar Energy</i> , 2014, 101, 8-18.	6.1	18
22	Fluorescence of silicon nanoparticles prepared by nanosecond pulsed laser. <i>AIP Advances</i> , 2014, 4, 031332.	1.3	2
23	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
24	Active piezoelectric energy harvester based on impedance matching. , 2012, , .		3
25	Application of Fuzzy Control Strategy in Automatic Parking Path Planning. , 2012, , .		4
26	Automatic parking path optimization based on Bezier curve fitting. , 2012, , .		38
27	An Energy Supply System for Wireless Sensor Network Nodes. <i>International Journal of Distributed Sensor Networks</i> , 2012, 8, 603709.	2.2	6
28	Research on Performance of Interdigitated Electrodes Piezoelectric Oscillator. <i>Procedia Engineering</i> , 2011, 15, 1066-1070.	1.2	0
29	Method for cylindricity error evaluation using Geometry Optimization Searching Algorithm. Measurement: <i>Journal of the International Measurement Confederation</i> , 2011, 44, 1556-1563.	5.0	41
30	Roundness error evaluation algorithm based on polar coordinate transform. Measurement: <i>Journal of the International Measurement Confederation</i> , 2011, 44, 345-350.	5.0	44
31	A MISO cooperative transmission algorithm for clustering wireless sensor network. , 2011, , .		2
32	Strength analysis for pre-stressed bolted joints of turntable bearings. , 2011, , .		2
33	Simulation the Heat Flow Field in Cooler of Rotary Calcining Kiln. <i>Communications in Computer and Information Science</i> , 2011, , 6-11.	0.5	0
34	Study on Load Distribution Calculating Method of Slewing Bearing with the Link Elements. <i>Advanced Science Letters</i> , 2011, 4, 2759-2763.	0.2	2
35	Research on Heat Exchange Characteristics Between Rock and High-Pressure Fluid Through the Cranny Among Dry Hot Rocks. , 2010, , .		1
36	Marking-Points Matching and Tracking Methods in Micro-table Posture Measurement System. , 2010, , .		0

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37	An anti-jamming counting approach for pulse signal of displacement sensor. , 2010, , .		0
38	Roundness error evaluation based on polar mesh searching algorithm. , 2009, , .		0
39	The effect of polymer on piezoelectirc fiber composites actuators. , 2009, , .		4
40	Digital manufacturing technology for spring coiling. , 2009, , .		0
41	Virtual Prototype of the Tunnel Boring Machine and Movement Simulation in DIVISION Mockup2000i2. , 2009, , .		2
42	Integrated Automation System for Weighing and Blending Process Based on DCS. , 2009, , .		0
43	Movable Instantaneous Impact Pressure Testing Device. , 2009, , .		0
44	Integration of Multi-View Data Based on Auxiliary Reference Plane. , 2009, , .		0
45	CBR-Based Process Planning for Special-Type Spring Coiling. , 2009, , .		0
46	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
47	Design and Preparation of Carbon Template with Tailored Porous System. , 2007, , .		0
48	Separating and Reconstructing Techniques of Cylindricity Error by Three-point Method. , 2006, , .		2
49	The Spatial Shape Representation and 3D Modeling of Special-Shape Spring. , 2006, , 171-176.		0
50	<title>Actual profile reconstruction of a precision cylinder based on error separation technique</title>. , 2002, 4567, 94.		0
51	<title>Mapping matrices and weight function in high-precision EST of flatness by optical probe</title>. , 2000, , .		1