

Qitao Huang

List of Publications by Year in descending order

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35
papers

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1307366

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docs citations

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256
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling and Simulation of Hydraulic Power Take-Off Based on AQWA. <i>Energies</i> , 2022, 15, 3918.	1.6	2
2	A Novel Design of Electro-hydraulic Driven Active Powered Ankle-Foot Prosthesis. <i>Lecture Notes in Computer Science</i> , 2021, , 622-630.	1.0	1
3	Analysis and compensation control of passive rotation on a 6-DOF electrically driven Stewart platform. <i>Mechanical Sciences</i> , 2021, 12, 1027-1036.	0.5	1
4	Decoupling Control of a Multiaxis Hydraulic Servo Shaking Table Based on Dynamic Model. <i>Shock and Vibration</i> , 2021, 2021, 1-12.	0.3	0
5	Simulation and Analysis of a Full-Active Electro-Hydrostatic Powered Ankle Prosthesis. , 2019, , .		3
6	Investigation on the Graphitization Process of Amorphous Carbon for HAMR by Molecular Dynamics Simulation. <i>IEEE Transactions on Magnetics</i> , 2016, , 1-1.	1.2	4
7	An inertial parameter identification method of eliminating system damping effect for a six-degree-of-freedom parallel manipulator. <i>Chinese Journal of Aeronautics</i> , 2015, 28, 582-592.	2.8	14
8	Research on multi-degree of freedom force loading system based on parallel mechanism. , 2015, , .		0
9	Numerical simulation on flow characteristics of PM2.5 in the indoor environment. , 2015, , .		1
10	Force Loading Research on the Transfixion of High-Speed Train. <i>Applied Mechanics and Materials</i> , 2013, 274, 140-144.	0.2	0
11	Computed force and velocity control for spatial multi-DOF electro-hydraulic parallel manipulator. <i>Mechatronics</i> , 2012, 22, 715-722.	2.0	26
12	Decoupling control for spatial six-degree-of-freedom electro-hydraulic parallel robot. <i>Robotics and Computer-Integrated Manufacturing</i> , 2012, 28, 14-23.	6.1	62
13	Analysis and Application of the Singularity Locus of the Stewart Platform. <i>Chinese Journal of Mechanical Engineering (English Edition)</i> , 2011, 24, 133.	1.9	4
14	PD control with gravity compensation for hydraulic 6-DOF parallel manipulator. <i>Mechanism and Machine Theory</i> , 2010, 45, 666-677.	2.7	97
15	Adaptive inverse control of random vibration based on the filtered-X LMS algorithm. <i>Earthquake Engineering and Engineering Vibration</i> , 2010, 9, 141-146.	1.1	10
16	Simplified modeling of spatial 6-DOF parallel manipulator with heavily eccentric payload. , 2010, , .		0
17	Dynamic Modeling of Spatial 6-DOF Parallel Robots Using Kane Method for Control Purposes. , 2010, , .		5
18	Lifting Wavelet-Based Progressive Compression and Real-Time Rendering to Large Terrain. <i>Jisuanji Fuzhu Sheji Yu Tuxingxue Xuebao/Journal of Computer-Aided Design and Computer Graphics</i> , 2010, 22, 1352-1359.	0.2	0

#	ARTICLE	IF	CITATIONS
19	Research on co-modeling virtual prototype of motion system of flight simulator. , 2009, , .		1
20	Real-time rendering of large-scale terrain based on GPU. , 2009, , .		4
21	Architecture Development of Research Flight Simulator Based on COTS. , 2009, , .		1
22	A Study on Quick Cockpit for Flight Simulators Prototype Systems. , 2009, , .		0
23	Forward Kinematics Analysis of Parallel Robots Using Global Newton-Raphson Method. , 2009, , .		11
24	Model-based Control for 6-DOF Parallel Manipulator. , 2009, , .		5
25	Accuracy Synthesis of Stewart Platform Used in Testing System for Spacecraft Docking Mechanism. , 2009, , .		4
26	Flight Simulator Architecture Development and Implementation. , 2009, , .		5
27	Research on the Position-Controller for Lifted Hoist Based on Single-Chip Microcomputer. , 2009, , .		0
28	Analysis of Performance Effect Factors of Three-Stage Electro-Hydraulic Servo Valve. Journal of Computers, 2009, 4, .	0.4	6
29	Kinematics Analysis of a 3-dof Rotational Parallel Mechanism. , 2008, , .		4
30	New Modeling and Analysis of Three-Stage Electro-Hydraulic Servo Valve. , 2008, , .		5
31	RESEARCH ON SPACE DOCKING HIL SIMULATION SYSTEM BASED ON STEWART 6-DOF MOTION SYSTEM. Proceedings of the JFPS International Symposium on Fluid Power, 2008, 2008, 213-218.	0.1	4
32	Study on Modeling and Simulation of a Flight Simulator Engine System. , 2007, , .		2
33	Accurate Tracking Control Strategy of Harmonic Motion of 6-DOF Motion Simulator. , 2007, , .		0
34	Application of $\hat{1}/4$ Theory in Compliant Force Control. Chinese Journal of Aeronautics, 2006, 19, 89-96.	2.8	0
35	Spacecraft docking simulation using hardware-in-the-loop simulator with stewart platform. Chinese Journal of Mechanical Engineering (English Edition), 2005, 18, 415.	1.9	14