

Xudong Pan

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

133
citations

1684188

5
h-index

1588992

8
g-index

27
all docs

27
docs citations

27
times ranked

121
citing authors

#	ARTICLE	IF	CITATIONS
1	Meshing Stiffness Calculation of Disposable Harmonic Drive under Full Load. <i>Machines</i> , 2022, 10, 271.	2.2	1
2	Study on crack initiation of harmonic gears based on extended finite element method*. , 2022, , .		0
3	Combining Virtual and On-site Teaching for Innovation Training in Robot Engineering. <i>U Porto Journal of Engineering</i> , 2021, 7, 16-23.	0.4	0
4	Online Experimental Teaching Reform of Mechanical Engineering Testing Technology Course Based on Internet Virtual Simulation Technology. , 2021, , .		0
5	Torque tracking control of electric load simulator with active motion disturbance and nonlinearity based on Tâ€š fuzzy model. <i>Asian Journal of Control</i> , 2020, 22, 1280-1294.	3.0	9
6	Statistically Based on-Target Optimization in Micro-Milling of Titanium Alloy*. , 2019, , .		0
7	Development of an Automatic Grinding System for Servo Valve Spool Throttling Edge. , 2019, , .		1
8	A new method for determining the instantaneous uncut chip thickness in micro-milling. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 102, 3791-3800.	3.0	6
9	An improved generalized predictive control algorithm based on the difference equation CARIMA model for the SISO system with known strong interference. <i>Journal of Difference Equations and Applications</i> , 2019, 25, 1255-1269.	1.1	5
10	Teaching Assistant System of Lathe Turning Training Based on Mobile Augmented Reality. , 2019, , .		1
11	Virtual Assembly of Educational Robot Parts Based on VR Technology. , 2019, , .		4
12	Influence factors of surface topography in micro-side milling. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 105, 5239-5245.	3.0	5
13	An Engineering Training Equipment Self-cognition Method Based on Mobile Phone Quick Response (QR) Codes. , 2018, , .		0
14	Research on a Precise Grinding Device for Servo Valve Spool. , 2018, , .		0
15	Tool runout and single-edge cutting in micro-milling. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 96, 821-832.	3.0	9
16	Application of an assistant teaching system based on mobile augmented reality (AR) for course design of mechanical manufacturing process. , 2017, , .		7
17	Optoelectric patterning: Effect of electrode material and thickness on laserâ€šinduced AC electrothermal flow. <i>Electrophoresis</i> , 2016, 37, 658-665.	2.4	7
18	"Made in China 2025" and experimental platform development of high-end equipment manufacturing virtual and simulation experiment teaching center. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
19	Study on measure and pairing algorithm of servo valve nozzles. , 2016, , .		0
20	Adaptive predicting control for electrical load simulator. , 2016, , .		0
21	The bilingual teaching practice of Mechanical Engineering Measurements. , 2015, , .		1
22	A comparative study of Mechanical Engineering Measurements course between HIT and Purdue University. , 2014, , .		1
23	Advanced process measurement technology and its teaching practice. , 2012, , .		1
24	Classroom-lab breakthrough type teaching and its application in industrial robot technology. , 2011, , .		0
25	Flow field simulation and a flow model of servo-valve spool valve orifice. Energy Conversion and Management, 2011, 52, 3249-3256.	9.2	71
26	Measurement System and Evaluation Approach for Straightness Error of Valve Sleeve Inner Hole. , 2010, , .		1
27	Study on pneumatic measurement method and system for throttling edge coplanarity error of valve sleeve. , 2009, , .		2