

Xudong Pan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6498793/publications.pdf>

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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	Flow field simulation and a flow model of servo-valve spool valve orifice. Energy Conversion and Management, 2011, 52, 3249-3256.	9.2	71
2	Tool runout and single-edge cutting in micro-milling. International Journal of Advanced Manufacturing Technology, 2018, 96, 821-832.	3.0	9
3	Torque tracking control of electric load simulator with active motion disturbance and nonlinearity based on Tâ€š fuzzy model. Asian Journal of Control, 2020, 22, 1280-1294.	3.0	9
4	Optoelectric patterning: Effect of electrode material and thickness on laserâ€šinduced AC electrothermal flow. Electrophoresis, 2016, 37, 658-665.	2.4	7
5	Application of an assistant teaching system based on mobile augmented reality (AR) for course design of mechanical manufacturing process. , 2017, , .		7
6	A new method for determining the instantaneous uncut chip thickness in micro-milling. International Journal of Advanced Manufacturing Technology, 2019, 102, 3791-3800.	3.0	6
7	An improved generalized predictive control algorithm based on the difference equation CARIMA model for the SISO system with known strong interference. Journal of Difference Equations and Applications, 2019, 25, 1255-1269.	1.1	5
8	Influence factors of surface topography in micro-side milling. International Journal of Advanced Manufacturing Technology, 2019, 105, 5239-5245.	3.0	5
9	Virtual Assembly of Educational Robot Parts Based on VR Technology. , 2019, , .		4
10	Study on pneumatic measurement method and system for throttling edge coplanarity error of valve sleeve. , 2009, , .		2
11	Measurement System and Evaluation Approach for Straightness Error of Valve Sleeve Inner Hole. , 2010, , .		1
12	Advanced process measurement technology and its teaching practice. , 2012, , .		1
13	A comparative study of Mechanical Engineering Measurements course between HIT and Purdue University. , 2014, , .		1
14	The bilingual teaching practice of Mechanical Engineering Measurements. , 2015, , .		1
15	"Made in China 2025" and experimental platform development of high-end equipment manufacturing virtual and simulation experiment teaching center. , 2016, , .		1
16	Development of an Automatic Grinding System for Servo Valve Spool Throttling Edge. , 2019, , .		1
17	Teaching Assistant System of Lathe Turning Training Based on Mobile Augmented Reality. , 2019, , .		1
18	Meshing Stiffness Calculation of Disposable Harmonic Drive under Full Load. Machines, 2022, 10, 271.	2.2	1

#	ARTICLE	IF	CITATIONS
19	Classroom-lab breakthrough type teaching and its application in industrial robot technology. , 2011, , .		0
20	Study on measure and pairing algorithm of servo valve nozzles. , 2016, , .		0
21	Adaptive predicting control for electrical load simulator. , 2016, , .		0
22	An Engineering Training Equipment Self-cognition Method Based on Mobile Phone Quick Response (QR) Codes. , 2018, , .		0
23	Research on a Precise Grinding Device for Servo Valve Spool. , 2018, , .		0
24	Statistically Based on-Target Optimization in Micro-Milling of Titanium Alloy*. , 2019, , .		0
25	Combining Virtual and On-site Teaching for Innovation Training in Robot Engineering. U Porto Journal of Engineering, 2021, 7, 16-23.	0.4	0
26	Online Experimental Teaching Reform of Mechanical Engineering Testing Technology Course Based on Internet Virtual Simulation Technology. , 2021, , .		0
27	Study on crack initiation of harmonic gears based on extended finite element method*. , 2022, , .		0