

Shuntaro Yamato

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7787872/publications.pdf>

Version: 2024-02-01

14
papers

113
citations

1163117
8
h-index

1281871
11
g-index

14
all docs

14
docs citations

14
times ranked

60
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of Automatic Chatter Suppression System in Parallel Milling by Real-Time Spindle Speed Control with Observer-Based Chatter Monitoring. International Journal of Precision Engineering and Manufacturing, 2021, 22, 227-240.	2.2	14
2	Self-acting optimal design of spindle speed variation for regenerative chatter suppression based on novel analysis of internal process energy behavior. International Journal of Machine Tools and Manufacture, 2020, 159, 103639.	13.4	16
3	Experimental verification of design methodology for chatter suppression in tool swing-assisted parallel turning. International Journal of Advanced Manufacturing Technology, 2020, 110, 1759-1771.	3.0	1
4	Precompensation of machine dynamics for cutting force estimation based on disturbance observer. CIRP Annals - Manufacturing Technology, 2020, 69, 333-336.	3.6	10
5	Enhancement of cutting force observer by identification of position and force-amplitude dependent model parameters. International Journal of Advanced Manufacturing Technology, 2019, 104, 3589-3605.	3.0	12
6	Enhancement of Sensor-less Cutting Force Estimation by Tuning of Observer Parameters from Cutting Test. Procedia Manufacturing, 2019, 41, 272-279.	1.9	5
7	Chatter Suppression in Parallel Turning Assisted with Tool Swing Motion Provided by Feed System. International Journal of Automation Technology, 2019, 13, 80-91.	1.0	5
8	Sensor-less on-line chatter detection in turning process based on phase monitoring using power factor theory. Precision Engineering, 2018, 51, 103-116.	3.4	16
9	Programmable Optimal Design of Sinusoidal Spindle Speed Variation for Regenerative Chatter Suppression. Procedia Manufacturing, 2018, 18, 152-160.	1.9	8
10	Integrated in-process chatter monitoring and automatic suppression with adaptive pitch control in parallel turning. Advances in Manufacturing, 2018, 6, 291-300.	6.1	9
11	Mode decoupled and sensorless cutting force monitoring based on multi-encoder. International Journal of Advanced Manufacturing Technology, 2017, 92, 4081-4093.	3.0	16
12	Development of sensorless chatter detection method in ball screw drive system applying mode decoupling. , 2017, , .		1
13	Analysis of tool posture control method on curved surface using polishing machine with 5-axis serial-parallel mechanism. , 2017, , .		0
14	Phase shift monitoring based on mode-decoupled disturbance observer for chatter detection. Proceedings of International Conference on Leading Edge Manufacturing in 21st Century LEM21, 2017, 2017.9, 019.	0.0	0