

Orkun Ozsahin

List of Publications by Year in descending order

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14
papers

473
citations

933264

10
h-index

1199470

12
g-index

14
all docs

14
docs citations

14
times ranked

253
citing authors

#	ARTICLE	IF	CITATIONS
1	Alternative experimental methods for machine tool dynamics identification: A review. Mechanical Systems and Signal Processing, 2022, 170, 108837.	4.4	23
2	Identification of spindle dynamics by receptance coupling for non-contact excitation system. Procedia CIRP, 2019, 82, 273-278.	1.0	6
3	High speed tooltip FRF predictions of arbitrary tool-holder combinations based on operational spindle identification. International Journal of Machine Tools and Manufacture, 2018, 129, 48-60.	6.2	49
4	Use of inverse stability solutions for identification of uncertainties in the dynamics of machining processes. Advances in Manufacturing, 2018, 6, 308-318.	3.2	4
5	Mikro takÄ±mlarÄ±n operasyon ÅartlarÄ± altÄ±ndaki uÅ nokta FTFâ€™lerinin analitik yÄ±ntemler vasÄ±tasÄ± ile belirlenmesi. Journal of the Faculty of Engineering and Architecture of Gazi University, 2018, 2018, .	0.3	1
6	Receptance coupling based algorithm for the identification of contact parameters at holderâ€™tool interface. CIRP Journal of Manufacturing Science and Technology, 2016, 13, 37-45.	2.3	27
7	Stability of Milling Operations With Asymmetric Cutter Dynamics in Rotating Coordinates. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2016, 138, .	1.3	18
8	Prediction of frequency response function (FRF) of asymmetric tools from the analytical coupling of spindle and beam models of holder and tool. International Journal of Machine Tools and Manufacture, 2015, 92, 31-40.	6.2	42
9	Identification of bearing dynamics under operational conditions for chatter stability prediction in high speed machining operations. Precision Engineering, 2015, 42, 53-65.	1.8	30
10	In-process tool point FRF identification under operational conditions using inverse stability solution. International Journal of Machine Tools and Manufacture, 2015, 89, 64-73.	6.2	83
11	Analytical modeling of asymmetric multi-segment rotor â€™ bearing systems with Timoshenko beam model including gyroscopic moments. Computers and Structures, 2014, 144, 119-126.	2.4	42
12	Analysis and compensation of mass loading effect of accelerometers on tool point FRF measurements for chatter stability predictions. International Journal of Machine Tools and Manufacture, 2010, 50, 585-589.	6.2	48
13	A closed-form approach for identification of dynamical contact parameters in spindleâ€™holderâ€™tool assemblies. International Journal of Machine Tools and Manufacture, 2009, 49, 25-35.	6.2	74
14	Investigating Dynamics of Machine Tool Spindles under Operational Conditions. Advanced Materials Research, 0, 223, 610-621.	0.3	26