

Mohammadreza Arbabtafti

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

129
citations

1684188

5
h-index

1372567

10
g-index

15
all docs

15
docs citations

15
times ranked

136
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-Linear Vibrations of Composite Drill Stringsâ€™ Wellbore Contact Considering Dynamics of Them at the Contact Zones. <i>Journal of Vibration Engineering and Technologies</i> , 2022, 10, 1511-1530.	2.2	1
2	Nonlinear vibrations of composite drill strings considering drill stringâ€™ wellbore contact and bitâ€™ rock interaction. <i>Archive of Applied Mechanics</i> , 2022, 92, 2569-2592.	2.2	2
3	Analysis and suppression of the nonlinear oscillations of a continuous rotating shaft using an active time-delayed control. <i>Mechanics of Advanced Materials and Structures</i> , 2021, 28, 1978-1991.	2.6	2
4	Chaotic vibration reduction of vertically suspended centrifugal pumps by the effect of the mechanical design parameter on hydraulic forces. <i>International Journal on Interactive Design and Manufacturing</i> , 2020, 14, 367-379.	2.2	1
5	Robust controller design for a three-shaft industrial gas turbine in the infinite grid power generation. <i>Transactions of the Institute of Measurement and Control</i> , 2020, 42, 131-156.	1.7	1
6	Linear Transfer Functions Extraction for a Power Generation Three-Shaft Gas Turbine Based on Actual Specifications. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2020, 234, 2781-2802.	2.1	0
7	Vibration analysis of the fully coupled nonlinear finite element model of composite drill strings. <i>Archive of Applied Mechanics</i> , 2020, 90, 1373-1398.	2.2	8
8	Time-delayed control of a nonlinear asymmetrical rotor near the major critical speed with flexible supports. <i>Mechanics Based Design of Structures and Machines</i> , 2020, , 1-26.	4.7	3
9	Dynamic analysis of slender rotor of vertically suspended centrifugal pumps due to various hydraulic design factors. <i>Archive of Applied Mechanics</i> , 2019, 89, 245-276.	2.2	4
10	Dynamic bifurcations analysis of a micro rotating shaft considering non-classical theory and internal damping. <i>Meccanica</i> , 2018, 53, 3795-3814.	2.0	9
11	Forced oscillations and stability analysis of a nonlinear micro-rotating shaft incorporating a non-classical theory. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , 2018, 34, 970-982.	3.4	6
12	Dynamic modeling of an industrial gas turbine in loading and unloading conditions using a gray box method. <i>Energy</i> , 2017, 120, 1012-1024.	8.8	27
13	Physics-Based Haptic Simulation of Bone Machining. <i>IEEE Transactions on Haptics</i> , 2011, 4, 39-50.	2.7	59
14	Virtual Reality Haptic Simulation of Root Canal Therapy. <i>Applied Mechanics and Materials</i> , 0, 666, 388-392.	0.2	4
15	Time-delayed control of a continuous flexible rotor via the saturation phenomenon. <i>Waves in Random and Complex Media</i> , 0, , 1-22.	2.7	2