

Roberto Belotti

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

124
citations

1307366

7
h-index

1281743

11
g-index

14
all docs

14
docs citations

14
times ranked

58
citing authors

#	ARTICLE	IF	CITATIONS
1	Shared human-robot path following control of an unmanned ground vehicle. <i>Mechatronics</i> , 2022, 83, 102750.	2.0	4
2	Multi-domain optimization of the eigenstructure of controlled underactuated vibrating systems. <i>Structural and Multidisciplinary Optimization</i> , 2021, 63, 499-514.	1.7	8
3	Response optimization of underactuated vibration generators through dynamic structural modification and shaping of the excitation forces. <i>International Journal of Advanced Manufacturing Technology</i> , 2021, 112, 505-524.	1.5	11
4	An Approximation-Based Design Optimization Approach to Eigenfrequency Assignment for Flexible Multibody Systems. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11558.	1.3	3
5	Pole assignment in vibrating systems with time delay: An approach embedding an a-priori stability condition based on Linear Matrix Inequality. <i>Mechanical Systems and Signal Processing</i> , 2020, 137, 106396.	4.4	16
6	Pole Assignment for Active Vibration Control of Linear Vibrating Systems through Linear Matrix Inequalities. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5494.	1.3	11
7	Antiresonance Assignment in Point and Cross Receptances for Undamped Vibrating Systems. <i>Journal of Mechanical Design, Transactions of the ASME</i> , 2020, 142, .	1.7	9
8	Homogeneity for Shared Control in the Presence of Disturbances. <i>IFAC-PapersOnLine</i> , 2019, 52, 235-240.	0.5	1
9	A Deadband-Based Method for User Effort Reduction in Human-Robot Shared Control. <i>IFAC-PapersOnLine</i> , 2019, 52, 519-524.	0.5	0
10	Dynamic structural modification of vibrating systems oriented to eigenstructure assignment through active control: A concurrent approach. <i>Journal of Sound and Vibration</i> , 2018, 422, 358-372.	2.1	10
11	A new method of passive modifications for partial frequency assignment of general structures. <i>Mechanical Systems and Signal Processing</i> , 2018, 99, 586-599.	4.4	21
12	Concurrent Active Control and Dynamic Structural Modification in the Design and the Optimization of Vibrating Systems. <i>Mechanisms and Machine Science</i> , 2017, , 475-482.	0.3	0
13	Designing auxiliary systems for the inverse eigenstructure assignment in vibrating systems. <i>Archive of Applied Mechanics</i> , 2017, 87, 171-182.	1.2	8
14	Optimal Design of Vibrating Systems Through Partial Eigenstructure Assignment. <i>Journal of Mechanical Design, Transactions of the ASME</i> , 2016, 138, .	1.7	22