

# Iacopo Tamellin

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

146  
citations

1163117

8  
h-index

1199594

12  
g-index

15  
all docs

15  
docs citations

15  
times ranked

47  
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous assignment of resonances and antiresonances in vibrating systems through inverse dynamic structural modification. <i>Journal of Sound and Vibration</i> , 2020, 485, 115552.	3.9	23
2	Active control of linear vibrating systems for antiresonance assignment with regional pole placement. <i>Journal of Sound and Vibration</i> , 2021, 494, 115858.	3.9	17
3	Beyond the Tuned Mass Damper: a Comparative Study of Passive Approaches to Vibration Absorption Through Antiresonance Assignment. <i>Archives of Computational Methods in Engineering</i> , 2022, 29, 519-544.	10.2	15
4	A homotopy transformation method for interval-based model updating of uncertain vibrating systems. <i>Mechanism and Machine Theory</i> , 2021, 160, 104288.	4.5	13
5	Pole Assignment for Active Vibration Control of Linear Vibrating Systems through Linear Matrix Inequalities. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5494.	2.5	11
6	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.	3.0	11
7	Active Approaches to Vibration Absorption through Antiresonance Assignment: A Comparative Study. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1091.	2.5	11
8	Antiresonance Assignment in Point and Cross Receptances for Undamped Vibrating Systems. <i>Journal of Mechanical Design, Transactions of the ASME</i> , 2020, 142, .	2.9	9
9	Residual vibration suppression in uncertain systems: A robust structural modification approach to trajectory planning. <i>Robotics and Computer-Integrated Manufacturing</i> , 2022, 74, 102282.	9.9	9
10	Unit-rank output feedback control for antiresonance assignment in lightweight systems. <i>Mechanical Systems and Signal Processing</i> , 2022, 164, 108250.	8.0	8
11	Vibration Control of a Two-Link Flexible Robot Arm with Time Delay through the Robust Receptance Method. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9907.	2.5	7
12	Pole-zero assignment by the receptance method: multi-input active vibration control. <i>Mechanical Systems and Signal Processing</i> , 2022, 172, 108976.	8.0	7
13	Robust Assignment of Natural Frequencies and Antiresonances in Vibrating Systems through Dynamic Structural Modification. <i>Shock and Vibration</i> , 2021, 2021, 1-20.	0.6	5
14	Improving the robustness in motion planning of flexible systems through structural modification: a case study. , 2022, , .		0
15	Eigenstructure assignment and compensation of explicit co-simulation problems. <i>Mechanism and Machine Theory</i> , 2022, 176, 105004.	4.5	0