

# Zahra Nili Ahmadabadi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8725305/publications.pdf>

Version: 2024-02-01

13  
papers

281  
citations

1478505

6  
h-index

1372567

10  
g-index

14  
all docs

14  
docs citations

14  
times ranked

178  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonlinear vibration control and energy harvesting of a beam using a nonlinear energy sink and a piezoelectric device. <i>Journal of Sound and Vibration</i> , 2014, 333, 4444-4457.	3.9	101
2	Nonlinear vibration control of a cantilever beam by a nonlinear energy sink. <i>Mechanism and Machine Theory</i> , 2012, 50, 134-149.	4.5	88
3	Nonlinear energy transfer from an engine crankshaft to an essentially nonlinear attachment. <i>Journal of Sound and Vibration</i> , 2019, 443, 139-154.	3.9	32
4	Annihilation of high-amplitude periodic responses of a forced two degrees-of-freedom oscillatory system using nonlinear energy sink. <i>JVC/Journal of Vibration and Control</i> , 2013, 19, 2401-2412.	2.6	24
5	Self-excited oscillations attenuation of drill-string system using nonlinear energy sink. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2013, 227, 230-245.	2.1	15
6	A Multi-System Chaotic Path Planner for Fast and Unpredictable Online Coverage of Terrains. <i>IEEE Robotics and Automation Letters</i> , 2020, 5, 5268-5275.	5.1	9
7	Time domain identification and ranking of noise sources in a pneumatic nail gun. <i>Applied Acoustics</i> , 2016, 114, 191-202.	3.3	4
8	An empirical prediction law for quasi-static nail-plywood penetration resistance. <i>Construction and Building Materials</i> , 2015, 88, 126-133.	7.2	3
9	Analytical study of acceleration waves on a nonlinear, externally damped string. <i>Acta Mechanica</i> , 2015, 226, 4087-4097.	2.1	1
10	Optimal Vibration Control and Energy Scavenging Using Collocated Nonlinear Energy Sinks and Piezoelectric Elements. , 2018, , .		1
11	A Vision-Based Parameter Estimation for an Aircraft in Approach Phase. , 2021, , .		1
12	An Empirical Prediction Law for Quasi-Static Nail-Particle Board Penetration Resistance. , 2017, , .		0
13	Nonlinear dynamic modeling of pneumatic nailing devices. <i>Mathematical and Computer Modelling of Dynamical Systems</i> , 2019, 25, 195-223.	2.2	0