

# Antonio Culla

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3256226/publications.pdf>

Version: 2024-02-01

23  
papers

557  
citations

687363

13  
h-index

794594

19  
g-index

25  
all docs

25  
docs citations

25  
times ranked

504  
citing authors

#	ARTICLE	IF	CITATIONS
1	OPTYPE"Real Time Estimation of Rolling Resistance for Intelligent Tyres. Sensors, 2019, 19, 5119.	3.8	8
2	Vibroacoustic optimization using a statistical energy analysis model. Journal of Sound and Vibration, 2016, 375, 102-114.	3.9	22
3	Experimental and numerical analysis of frictional contact scenarios: from macro stick"slip to continuous sliding. Meccanica, 2015, 50, 649-664.	2.0	41
4	Experimental Dynamic Substructuring of the Ampair Wind Turbine Test Bed. Conference Proceedings of the Society for Experimental Mechanics, 2014, , 15-26.	0.5	8
5	Instability scenarios between elastic media under frictional contact. Mechanical Systems and Signal Processing, 2013, 40, 754-766.	8.0	60
6	Estimation of Rotational Degrees of Freedom by EMA and FEM Mode Shapes. Conference Proceedings of the Society for Experimental Mechanics, 2013, , 355-365.	0.5	4
7	Influence of Different Angles of Reciprocation on the Cyclic Fatigue of Nickel-Titanium Endodontic Instruments. Journal of Endodontics, 2012, 38, 1408-1411.	3.1	91
8	Wave and rupture propagation at frictional bimaterial sliding interfaces: From local to global dynamics, from stick-slip to continuous sliding. Tribology International, 2012, 52, 117-131.	5.9	41
9	Parametric approaches for uncertainty propagation in SEA. Mechanical Systems and Signal Processing, 2011, 25, 193-204.	8.0	15
10	Uncertainty propagation in SEA using sensitivity analysis and Design of Experiments. IUTAM Symposium on Cellular, Molecular and Tissue Mechanics, 2011, , 243-254.	0.2	0
11	Operational Modal Analysis in Absence of a Random Distributed Load. , 2011, , .		0
12	Coupling system dynamics and contact behaviour: Modelling bearings subjected to environmental induced vibrations and "false brinelling"™ degradation. Mechanical Systems and Signal Processing, 2010, 24, 1068-1080.	8.0	41
13	Dynamics of Rupture at Frictional Rough Interfaces During Sliding Initiation. , 2010, , .		1
14	Uncertainty model for contact instability prediction. Journal of the Acoustical Society of America, 2009, 126, 1111-1119.	1.1	36
15	Multimode vibration control using several piezoelectric transducers shunted with a multiterminal network. Archive of Applied Mechanics, 2009, 79, 859-879.	2.2	96
16	Structural modifications for squeal noise reduction: numerical and experimental validation. International Journal of Vehicle Design, 2009, 51, 168.	0.3	16
17	Comparison of statistical and interval analysis for the energy flow uncertainties in structural vibrating systems. Journal of Sound and Vibration, 2008, 314, 672-692.	3.9	6
18	High Frequency Vibroacoustic Analyses on VEGA Launch Vehicle. , 2007, , .		3

#	ARTICLE	IF	CITATIONS
19	Prediction of the Acoustic Levels During P80 FW Static Firing Test. , 2007, , .		0
20	Statistical moments predictions for a moored floating body oscillating in random waves. Journal of Sound and Vibration, 2007, 308, 44-66.	3.9	17
21	Is it possible to treat confidentially SEA the wolf in sheep's clothing?. Mechanical Systems and Signal Processing, 2006, 20, 1372-1399.	8.0	15
22	ENERGY FLOW UNCERTAINTIES IN VIBRATING SYSTEMS: DEFINITION OF A STATISTICAL CONFIDENCE FACTOR. Mechanical Systems and Signal Processing, 2003, 17, 635-663.	8.0	31
23	<title>Energy flow analysis in vibrating systems by laser vibrometer measurements</title>. , 2002, , .		0