

Alberto Lavatelli

List of Publications by Year in descending order

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papers

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1684188
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all docs

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docs citations

11
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82
citing authors

#	ARTICLE	IF	CITATIONS
1	An Experimental Investigation on Uncertainty in Measuring Vibration Deflection Shapes With Digital Image Correlation. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 2826-2836.	4.7	6
2	An imaging study and spectroscopic curing analysis on polymers for synthetic whole-cell receptors for bacterial detection. Japanese Journal of Applied Physics, 2020, 59, SD0802.	1.5	2
3	On the Design of Force Sensors Based on Frustrated Total Internal Reflection. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 4065-4074.	4.7	6
4	Closed-Loop Optimization of DIC Speckle Patterns Based on Simulated Experiments. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 4376-4386.	4.7	12
5	A motion blur compensation algorithm for 2D DIC measurements of deformable bodies. Measurement Science and Technology, 2019, 30, 025401.	2.6	5
6	Image deconvolution techniques for motion blur compensation in DIC measurements. , 2018, , .		1
7	Model Based Bolt Preload Monitoring Using Digital Image Correlation. Proceedings (mdpi), 2018, 2, .	0.2	3
8	A Displacement Uncertainty Model for 2-D DIC Measurement Under Motion Blur Conditions. IEEE Transactions on Instrumentation and Measurement, 2017, 66, 451-459.	4.7	36
9	Modeling Uncertainty for a Vision System Applied to Vibration Measurements. IEEE Transactions on Instrumentation and Measurement, 2016, 65, 1818-1826.	4.7	34
10	Uncertainty in vision based modal analysis: probabilistic studies and experimental validation. Acta IMEKO (2012), 2016, 5, 37.	0.7	3
11	Design of an open-source low cost 2DOF haptic device. , 2014, , .		1