

Alicja Palczynska

List of Publications by Year in descending order

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10
papers

72
citations

2258059

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2550090

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docs citations

10
times ranked

26
citing authors

#	ARTICLE	IF	CITATIONS
1	Hybrid Approach to Conduct Failure Prognostics of Automotive Electronic Control Unit Using Stress Sensor as <i>In Situ</i> Load Counter. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2019, 9, 28-38.	2.5	8
2	Accuracy of CMOS-Based Piezoresistive Stress Sensor for Engineering Applications of Thermal Loading Condition: Theoretical Review and Experimental Validation. IEEE Sensors Journal, 2019, 19, 9139-9148.	4.7	12
3	<i>In Situ</i> Failure Detection of Electronic Control Units Using Piezoresistive Stress Sensor. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2018, 8, 750-763.	2.5	10
4	Simulation Driven Design of Novel Integrated Circuits - Part 4: Method of Validation of Coupled Thermal and Thermo-mechanical Simulation. , 2018, , .		1
5	Condition Monitoring Algorithm for Piezoresistive Silicon-Based Stress Sensor Data Obtained from Electronic Control Units. , 2017, , .		8
6	Towards prognostics and health monitoring: The potential of fault detection by piezoresistive silicon stress sensor. , 2016, , .		11
7	Simulation Driven Design of Novel Integrated Circuits -- Physics of Failure Simulation of the Electronic Control Modules for Harsh Environment Application. , 2016, , .		0
8	Prognostic approaches for the wirebond failure prediction in power semiconductors: A case study using DPAK package. , 2015, , .		10
9	In-situ investigation of EMC relaxation behavior using piezoresistive stress sensor. , 2015, , .		6
10	Investigation of Uncertainty Sources of Piezoresistive Silicon Based Stress Sensor. Applied Mechanics and Materials, 0, 807, 45-54.	0.2	6