Alicja Palczynska

List of Publications by Year
in descending order

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10 papers	72 citations	2258059 3 h-index	2550090 3 g-index
10 all docs	10 docs citations	10 times ranked	26 citing authors

#	Article	IF	Citations
1	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
2	Towards prognostics and health monitoring: The potential of fault detection by piezoresistive silicon stress sensor. , 2016, , .		11
3	Prognostic approaches for the wirebond failure prediction in power semiconductors: A case study using DPAK package. , 2015, , .		10
4	<inline-formula> <tex-math notation="LaTeX">$In Situ$ </tex-math> </inline-formula> 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
5	Condition Monitoring Algorithm for Piezoresistive Silicon-Based Stress Sensor Data Obtained from Electronic Control Units. , 2017, , .		8
6	Hybrid Approach to Conduct Failure Prognostics of Automotive Electronic Control Unit Using Stress Sensor as <italic>In Situ</italic> Load Counter. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2019, 9, 28-38.	2.5	8
7	Investigation of Uncertainty Sources of Piezoresistive Silicon Based Stress Sensor. Applied Mechanics and Materials, 0, 807, 45-54.	0.2	6
8	In-situ investigation of EMC relaxation behavior using piezoresistive stress sensor. , 2015, , .		6
9	Simulation Driven Design of Novel Integrated Circuits - Part 4: Method of Validation of Coupled Thermal and Thermo-mechanical Simulation. , 2018, , .		1
10	Simulation Driven Design of Novel Integrated Circuits -- Physics of Failure Simulation of the Electronic Control Modules for Harsh Environment Application. , 2016, , .		0