Przemyslaw Gromala

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3740692/publications.pdf

Version: 2024-02-01

12	49	3	3
papers	citations	h-index	g-index

2258059 2550090

12	12	12	32
all docs	docs citations	times ranked	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	Prognostic approaches for the wirebond failure prediction in power semiconductors: A case study using DPAK package. , 2015, , .		10
3	<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
4	Study of Thermal Aging Behavior of Epoxy Molding Compound for Applications in Harsh Environments. , 2019, , .		8
5	Concept of the 3rd Generation of Reliability for Electronic Smart Systems. , 2019, , .		4
6	In-situ service load monitoring of automotive electronic systems using silicon-based piezoresistive stress sensor. Microelectronics Reliability, 2020, 110, 113650.	1.7	3
7	Simulation Driven Design of Novel Integrated Circuits - Part 4: Method of Validation of Coupled Thermal and Thermo-mechanical Simulation. , 2018, , .		1
8	Characterization of toughness of epoxy based molding compound and its implementation in FEM code. , 2020, , .		1
9	Simulation Driven Design of Novel Integrated Circuits -- Physics of Failure Simulation of the Electronic Control Modules for Harsh Environment Application. , 2016, , .		0
10	Effect of Time-Dependent Bulk Modulus on Reliability Assessment of Automotive Electronic Control Unit. , 2019, , .		0
11	Evaluation of Chip-Package Interaction by Means of Stress Sensors. IEEE Sensors Journal, 2022, 22, 12959-12966.	4.7	0
12	In-situ monitoring of thermo-mechanical induced stresses in electronic control unit â€“ from the assembly to use in the field. , 2022, , .		0