

# Dorothy Lukco

## List of Publications by Year in descending order

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8  
papers

204  
citations

1307594  
7  
h-index

1588992  
8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

152  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reliability assessment of Ti/TaSi <sub>2</sub> /Pt ohmic contacts on SiC after 1000 h at 600°C. Journal of Applied Physics, 2002, 91, 6553.	2.5	49
2	Prolonged 500 °C Demonstration of 4H-SiC JFET ICs With Two-Level Interconnect. IEEE Electron Device Letters, 2016, 37, 625-628.	3.9	48
3	Investigation of Thermal Stability and Degradation Mechanisms in Ni-Based Ohmic Contacts to n-Type SiC for High-Temperature Gas Sensors. Journal of Electronic Materials, 2009, 38, 569-573.	2.2	32
4	Development of SiC-based Gas Sensors for Aerospace Applications. Materials Research Society Symposia Proceedings, 2004, 815, 106.	0.1	26
5	Chemical Analysis of Materials Exposed to Venus Temperature and Surface Atmosphere. Earth and Space Science, 2018, 5, 270-284.	2.6	16
6	Improved Thermal Stability Observed in Ni-Based Ohmic Contacts to n-Type SiC for High-Temperature Applications. Journal of Electronic Materials, 2011, 40, 400-405.	2.2	15
7	A Bondable Metallization Stack That Prevents Diffusion of Oxygen and Gold into Monolithically Integrated Circuits Operating Above 500°C. Journal of Electronic Materials, 2012, 41, 915-920.	2.2	11
8	Experimental Study of Structural Materials for Prolonged Venus Surface Exploration Missions. Journal of Spacecraft and Rockets, 2020, 57, 1118-1128.	1.9	7