

Miroslav Haluska

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

83
citations

1684188

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1720034

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all docs

10
docs citations

10
times ranked

112
citing authors

#	ARTICLE	IF	CITATIONS
1	High-speed identification of suspended carbon nanotubes using Raman spectroscopy and deep learning. <i>Microsystems and Nanoengineering</i> , 2022, 8, 19.	7.0	7
2	Understanding and improving carbon nanotube-electrode contact in bottom-contacted nanotube gas sensors. <i>Sensors and Actuators B: Chemical</i> , 2021, 331, 129406.	7.8	14
3	Clamping effects on mechanical stability and energy dissipation in nanoresonators based on carbon nanotubes. <i>Journal of Applied Physics</i> , 2019, 126, 184302.	2.5	1
4	Mechanical stress relaxation in adhesively clamped carbon nanotube resonators. <i>AIP Advances</i> , 2018, 8, .	1.3	11
5	Selective metallization and passivation of dry-transferred carbon nanotubes in field-effect transistors. , 2018, , .		2
6	Clamping and Q-Factor Improvement in a Carbon Nanotube Resonator. <i>Proceedings (mdpi)</i> , 2018, 2, 848.	0.2	1
7	Enabling fabrication of clean electrical contacts to carbon nanotubes using oxygen plasma ashing. <i>Physica Status Solidi (B): Basic Research</i> , 2016, 253, 2417-2423.	1.5	0
8	Electrical contacts to individual SWCNTs: A review. <i>Beilstein Journal of Nanotechnology</i> , 2014, 5, 2202-2215.	2.8	13
9	Advances in NO ₂ sensing with individual single-walled carbon nanotube transistors. <i>Beilstein Journal of Nanotechnology</i> , 2014, 5, 2179-2191.	2.8	31
10	Process control monitors for individual single-walled carbon nanotube transistor fabrication processes. , 2013, , .		3