

# Florian Fuchs

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8563467/publications.pdf>

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papers

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1478280  
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docs citations

9  
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113  
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards Reconfigurable Electronics: Silicidation of Top-Down Fabricated Silicon Nanowires. Applied Sciences (Switzerland), 2019, 9, 3462.	1.3	16
2	Feasible Device Architectures for Ultrascaled CNTFETs. IEEE Nanotechnology Magazine, 2018, 17, 100-107.	1.1	14
3	Carbon Nanotubes for Mechanical Sensor Applications. Physica Status Solidi (A) Applications and Materials Science, 2019, 216, 1900584.	0.8	12
4	Electron transport through NiSi <sub>2</sub> â€“Si contacts and their role in reconfigurable field-effect transistors. Journal of Physics Condensed Matter, 2019, 31, 355002.	0.7	7
5	Formation and crystallographic orientation of NiSi <sub>2</sub> â€“Si interfaces. Journal of Applied Physics, 2020, 128, 085301.	1.1	7
6	Radially resolved electronic structure and charge carrier transport in silicon nanowires. Physica E: Low-Dimensional Systems and Nanostructures, 2019, 108, 181-186.	1.3	6
7	Giant Piezoelectricity of Deformed Aluminum Nitride Stabilized through Noble Gas Interstitials for Energy Efficient Resonators. Advanced Electronic Materials, 2021, 7, 2100358.	2.6	5
8	Electrical Characterization of Germanium Nanowires Using a Symmetric Hall Bar Configuration: Size and Shape Dependence. Nanomaterials, 2021, 11, 2917.	1.9	5
9	Comparison of atomistic quantum transport and numerical device simulation for carbon nanotube field-effect transistors. , 2016, , .		3