

# Florian Fuchs

## List of Publications by Year in descending order

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

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9  
papers

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citations

1478280  
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1588896  
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docs citations

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times ranked

113  
citing authors

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