

# Alexander Meltzer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/534788/publications.pdf>

Version: 2024-02-01

9  
papers

315  
citations

1307594

7  
h-index

1588992

8  
g-index

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all docs

9  
docs citations

9  
times ranked

601  
citing authors

#	ARTICLE	IF	CITATIONS
1	Visualization of superparamagnetic dynamics in magnetic topological insulators. <i>Science Advances</i> , 2015, 1, e1500740.	10.3	129
2	Imaging resonant dissipation from individual atomic defects in graphene. <i>Science</i> , 2017, 358, 1303-1306.	12.6	66
3	Chern mosaic and Berry-curvature magnetism in magic-angle graphene. <i>Nature Physics</i> , 2022, 18, 885-892.	16.7	37
4	Direct observation of vortices in an electron fluid. <i>Nature</i> , 2022, 607, 74-80.	27.8	33
5	Direct Reconstruction of Two-Dimensional Currents in Thin Films from Magnetic-Field Measurements. <i>Physical Review Applied</i> , 2017, 8, .	3.8	19
6	Electrically Tunable Multiterminal SQUID-on-Tip. <i>Nano Letters</i> , 2016, 16, 6910-6915.	9.1	18
7	Estimation of the Regularization Parameter in Linear Discrete Ill-Posed Problems Using the Picard Parameter. <i>SIAM Journal of Scientific Computing</i> , 2017, 39, A2741-A2762.	2.8	8
8	Multi-terminal multi-junction dc SQUID for nanoscale magnetometry. <i>Superconductor Science and Technology</i> , 2016, 29, 114001.	3.5	5
9	An Accurate Approximation of Exponential Integrators for the Schrödinger Equation. <i>Journal of Scientific Computing</i> , 2019, 81, 1493-1508.	2.3	0