

Niklas Romming

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10883023/publications.pdf>

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7
papers

2,301
citations

1307594

7
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

2414
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoscale magnetic skyrmions and target states in confined geometries. Physical Review B, 2019, 99, .	3.2	44
2	Competition of Dzyaloshinskii-Moriya and Higher-Order Exchange Interactions in $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mrow} \langle \text{mml:mi} \rangle \text{Rh} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle \text{Fe} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle \text{Atomic Bilayers on Ir(111)}. Physical Review Letters, 2018, 120, 207201.$	7.8	44
3	Electric-field-driven switching of individual magnetic skyrmions. Nature Nanotechnology, 2017, 12, 123-126.	31.5	297
4	Control of the millisecond spin lifetime of an electrically probed atom. Nature Physics, 2017, 13, 403-407.	16.7	97
5	Field-Dependent Size and Shape of Single Magnetic Skyrmions. Physical Review Letters, 2015, 114, 177203.	7.8	423
6	Electrical detection of magnetic skyrmions by tunnelling non-collinear magnetoresistance. Nature Nanotechnology, 2015, 10, 1039-1042.	31.5	179
7	Writing and Deleting Single Magnetic Skyrmions. Science, 2013, 341, 636-639.	12.6	1,217