

Kyung Mee Song

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

1,330
citations

1163117

8
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

1679
citing authors

#	ARTICLE	IF	CITATIONS
1	Néel-type skyrmions and their current-induced motion in van der Waals ferromagnet-based heterostructures. <i>Physical Review B</i> , 2021, 103, .	3.2	110
2	Skyrmion-electronics: writing, deleting, reading and processing magnetic skyrmions toward spintronic applications. <i>Journal of Physics Condensed Matter</i> , 2020, 32, 143001.	1.8	268
3	Skyrmion-based artificial synapses for neuromorphic computing. <i>Nature Electronics</i> , 2020, 3, 148-155.	26.0	346
4	High-density Néel-type magnetic skyrmion phase stabilized at high temperature. <i>NPG Asia Materials</i> , 2020, 12, .	7.9	8
5	Current-driven dynamics and inhibition of the skyrmion Hall effect of ferrimagnetic skyrmions in GdFeCo films. <i>Nature Communications</i> , 2018, 9, 959.	12.8	301
6	Triangular and Sawtooth Magnetic Domains in Measuring the Dzyaloshinskii-Moriya Interaction. <i>Physical Review Applied</i> , 2018, 10, .	3.8	5
7	A spin torque meter with magnetic facet domains. <i>Nature Communications</i> , 2018, 9, 3788.	12.8	10
8	Deterministic creation and deletion of a single magnetic skyrmion observed by direct time-resolved X-ray microscopy. <i>Nature Electronics</i> , 2018, 1, 288-296.	26.0	108
9	Spin-orbit torque-driven skyrmion dynamics revealed by time-resolved X-ray microscopy. <i>Nature Communications</i> , 2017, 8, 15573.	12.8	143
10	Asymmetric magnetic proximity effect in a Pd/Co/Pd trilayer system. <i>Scientific Reports</i> , 2016, 6, 25391.	3.3	31