

Mohamed Belmeguenai

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

1,558
citations

1307594

7
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

1941
citing authors

#	ARTICLE	IF	CITATIONS
1	Room-temperature chiral magnetic skyrmions in ultrathin magnetic nanostructures. Nature Nanotechnology, 2016, 11, 449-454.	31.5	829
2	Interfacial Dzyaloshinskii-Moriya interaction in perpendicularly magnetized Pt/Co/AlO ₃ films measured by Brillouin light spectroscopy. Physical Review B, 2015, 91, .	3.2	162
3	Large-Voltage Tuning of Dzyaloshinskii-Moriya Interactions: A Route toward Dynamic Control of Skyrmion Chirality. Nano Letters, 2018, 18, 4871-4877.	9.1	173
4	Current-Driven Skyrmion Dynamics and Drive-Dependent Skyrmion Hall Effect in an Ultrathin Film. Physical Review Applied, 2019, 12, .	3.8	111
5	Helium Ions Put Magnetic Skyrmions on the Track. Nano Letters, 2021, 21, 2989-2996.	9.1	79
6	Anisotropic Dzyaloshinskii-Moriya interaction in ultrathin epitaxial Au/Co/W(110). Physical Review B, 2017, 95, .	3.2	69
7	Magnetoacoustics in Annealed W/CoFeB/HfO ₂ Thin Films. Advanced Materials Interfaces, 2022, 9, .	3.7	10
8	Dzyaloshinskii-Moriya interaction induced asymmetry in dispersion of magnonic Bloch modes. Physical Review B, 2020, 102, .	3.2	7
9	Ruderman-Kittel-Kasuya-Yosida-type interfacial Dzyaloshinskii-Moriya interaction in heavy metal/ferromagnet heterostructures. Nature Communications, 2021, 12, 3280.	12.8	5
10	Imprint from ferromagnetic skyrmions in an antiferromagnet via exchange bias. Applied Physics Letters, 2021, 119, 192407.	3.3	4
11	Large voltage tuning of Dzyaloshinskii-Moriya interaction: towards a chirality switch?. , 2018, , .		2