

# Mohamed Belmeguenai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10864805/publications.pdf>

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