Doried Ghader

List of Publications by Year
in descending order

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15 papers	178 citations	1040056 9 h-index	1058476 14 g-index
16 all docs	16 docs citations	16 times ranked	180 citing authors

#	Article	IF	Citations
1	Insights on magnon topology and valley-polarization in 2D bilayer quantum magnets. New Journal of Physics, 2021, 23, 053022.	2.9	13
2	Theoretical realization of rich magnon topology by symmetry-breaking in honeycomb bilayer ferromagnets. Physica E: Low-Dimensional Systems and Nanostructures, 2021, 135, 114984.	2.7	3
3	Valley-polarized domain wall magnons in 2D ferromagnetic bilayers. Scientific Reports, 2020, 10, 16733.	3.3	11
4	Magnon magic angles and tunable Hall conductivity in 2D twisted ferromagnetic bilayers. Scientific Reports, 2020, 10, 15069.	3.3	16
5	A new class of nonreciprocal spin waves on the edges of 2D antiferromagnetic honeycomb nanoribbons. Scientific Reports, 2019, 9, 15220.	3.3	10
6	Asymmetric dynamics of edge exchange spin waves in honeycomb nanoribbons with zigzag and bearded edge boundaries. Scientific Reports, 2019, 9, 6290.	3.3	6
7	Theory for the spin dynamics in ultrathin disordered binary magnetic alloy films: Application to cobalt-gadolinium. Journal of Magnetism and Magnetic Materials, 2019, 482, 88-98.	2.3	10
8	Discretized dynamics of exchange spin wave bulk and edge modes in honeycomb nanoribbons with armchair edge boundaries. Journal of Physics Condensed Matter, 2019, 31, 315801.	1.8	9
9	Fabryâ€“Perot magnonic ballistic coherent transport across ultrathin ferromagnetic lamellar bcc Ni nanostructures between Fe leads. Surface Science, 2018, 672-673, 47-55.	1.9	13
10	Computation of magnons ballistic transport across an ordered magnetic iron-cobalt alloy nanojunction between iron leads. Thin Solid Films, 2016, 616, 6-16.	1.8	9
11	Energy band gaps in graphene nanoribbons with corners. Europhysics Letters, 2016, 114, 48001.	2.0	9
12	Spin wave ballistic transport properties of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0028.gif" overflow="scroll"><mml:mrow><mml:msub><mml:mrow><mml:mo stretchy="false">[</mml:mo><mml:mrow><mml:msub><mml:mrow><mml:mi>Co</mml:mi></mml:mrow><mml:mrow><mml:mn>1</m mathvariant="italic">Gd</mml:mi></mml:mrow><mml:mrow><mml:mi>c</mml:mi></mml:mrow></mml:msub></mml:mrow><mml:mo s. Journal of Magnetism and Magnetic Materials, 2015, 384, 18-26.	2.3	9
13	Ballistic transport of spin waves incident from cobalt leads across cobaltâ€“gadolinium alloy nanojunctions. Journal of Magnetism and Magnetic Materials, 2014, 363, 66-76.	2.3	20
14	Spin waves transport across a ferrimagnetically ordered nanojunction of cobalt-gadolinium alloy between cobalt leads. European Physical Journal B, 2013, 86, 1.	1.5	26
15	Sublattice magnetizations of ultrathin alloy [Co1â^'cGdc]n nanojunctions between Co leads using the combined effective field theory and mean field theory methods. Journal of Applied Physics, 2013, 113, 094303.	2.5	14