Doried Ghader

List of Publications by Year
in descending order

15	178	1039880 9	1058333 14
papers	citations	h-index	g-index

16	16	16	180
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Spin waves transport across a ferrimagnetically ordered nanojunction of cobalt-gadolinium alloy between cobalt leads. European Physical Journal B, 2013, 86, 1.	0.6	26
2	Ballistic transport of spin waves incident from cobalt leads across cobaltâ€“gadolinium alloy nanojunctions. Journal of Magnetism and Magnetic Materials, 2014, 363, 66-76.	1.0	20
3	Magnon magic angles and tunable Hall conductivity in 2D twisted ferromagnetic bilayers. Scientific Reports, 2020, 10, 15069.	1.6	16
4	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.	1.1	14
5	Fabryâ€“Perot magnonic ballistic coherent transport across ultrathin ferromagnetic lamellar bcc Ni nanostructures between Fe leads. Surface Science, 2018, 672-673, 47-55.	0.8	13
6	Insights on magnon topology and valley-polarization in 2D bilayer quantum magnets. New Journal of Physics, 2021, 23, 053022.	1.2	13
7	Valley-polarized domain wall magnons in 2D ferromagnetic bilayers. Scientific Reports, 2020, 10, 16733.	1.6	11
8	A new class of nonreciprocal spin waves on the edges of 2D antiferromagnetic honeycomb nanoribbons. Scientific Reports, 2019, 9, 15220.	1.6	10
9	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.	1.0	10
10	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</mml:mn></mml:mrow></mml:msub></mml:mrow><mml:mo 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.	1.0	9
11	Computation of magnons ballistic transport across an ordered magnetic iron-cobalt alloy nanojunction between iron leads. Thin Solid Films, 2016, 616, 6-16.	0.8	9
12	Energy band gaps in graphene nanoribbons with corners. Europhysics Letters, 2016, 114, 48001.	0.7	9
13	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.	0.7	9
14	Asymmetric dynamics of edge exchange spin waves in honeycomb nanoribbons with zigzag and bearded edge boundaries. Scientific Reports, 2019, 9, 6290.	1.6	6
15	Theoretical realization of rich magnon topology by symmetry-breaking in honeycomb bilayer ferromagnets. Physica E: Low-Dimensional Systems and Nanostructures, 2021, 135, 114984.	1.3	3