Wu Yao-dong

List of Publications by Year
in descending order

14 papers	258 citations	1307594 7 h-index	1125743 13 g-index
15 all docs	15 docs citations	15 times ranked	169 citing authors

#	Article	IF	Citations
1	Stabilizations and field-driven core reversals of magnetic vortices in Fe3Sn2 disks. Applied Physics Letters, 2022, 120, 042403.	3.3	2
2	Influence of the nanogrinding process on the performance of lithium iron phosphate. Functional Materials Letters, 2022, 15, .	1.2	2
3	Current-driven dynamics of skyrmion bubbles in achiral uniaxial magnets. Chinese Physics B, 2022, 31, 077504.	1.4	2
4	Two-dimensional characterization of three-dimensional magnetic bubbles in Fe3Sn2 nanostructures. National Science Review, 2021, 8, nwaa200.	9.5	35
5	A strategy for the design of magnetic memories in bubble-hosting magnets. Applied Physics Letters, 2021, 118, 122406.	3.3	12
6	Effects of tilted magnetocrystalline anisotropy on magnetic domains in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Fe</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:m></mml:m></mml:mrow></mml:math> thin plates. Physical Review B, 2021, 103, .	3.2	11
7	Stabilization and topological transformation of magnetic bubbles in disks of a kagome magnet. Applied Physics Letters, 2021, 119, 012402.	3.3	6
8	Currentâ€Controlled Topological Magnetic Transformations in a Nanostructured Kagome Magnet. Advanced Materials, 2021, 33, e2101610.	21.0	20
9	Magnetic domains in a uniaxial magnet Dy3Al2. Applied Physics Letters, 2021, 119, 032404.	3.3	2
10	Magnetic skyrmion bundles and their current-driven dynamics. Nature Nanotechnology, 2021, 16, 1086-1091.	31.5	110
11	Magnetic k<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:mi>Ï€</mml:mi></mml:math>-skyrmions and their field-driven evolutions in a nanostructured centrosymmetric magnet. Acta Materialia, 2021, 215, 117084.	7.9	4
12	Currentâ€Controlled Topological Magnetic Transformations in a Nanostructured Kagome Magnet (Adv.) Tj ETQq0 0 0 rgBT /Overlock 10	21.0	1
13	Current-driven transformations of a skyrmion tube and a bobber in stepped nanostructures of chiral magnets. Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	5.1	17
14	Target Bubbles in Fe₃Sn₂ Nanodisks at Zero Magnetic Field. ACS Nano, 2020, 14, 10986-10992.	14.6	31