

Philippa M Shepley

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

366
citations

1162889

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1199470

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13
docs citations

13
times ranked

761
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of interfacial intermixing on the Dzyaloshinskii-Moriya interaction in Pt/Co/Pt. Physical Review B, 2017, 95, .	1.1	97
2	Modification of perpendicular magnetic anisotropy and domain wall velocity in Pt/Co/Pt by voltage-induced strain. Scientific Reports, 2015, 5, 7921.	1.6	82
3	Pinning and hysteresis in the field dependent diameter evolution of skyrmions in Pt/Co/Ir superlattice stacks. Scientific Reports, 2017, 7, 15125.	1.6	61
4	Effect of annealing on the interfacial Dzyaloshinskii-Moriya interaction in Ta/CoFeB/MgO trilayers. Applied Physics Letters, 2016, 109, .	1.5	41
5	Magnetic properties, domain-wall creep motion, and the Dzyaloshinskii-Moriya interaction in Pt/Co/Ir thin films. Physical Review B, 2018, 97, .	1.1	24
6	Domain wall contributions to piezoelectricity in relaxor-lead titanate single crystals. Acta Materialia, 2020, 195, 292-303.	3.8	15
7	Spin-valve Josephson junctions with perpendicular magnetic anisotropy for cryogenic memory. Applied Physics Letters, 2020, 116, 022601.	1.5	12
8	One Site, Two Cations, Three Environments: s^{2+} and s^{0+} Electronic Configurations Generate Pb-Free Relaxor Behavior in a Perovskite Oxide. Journal of the American Chemical Society, 2021, 143, 1386-1398.	6.6	9
9	Nano- and micro-patterning biotemplated magnetic CoPt arrays. Nanoscale, 2016, 8, 11738-11747.	2.8	8
10	Domain wall energy and strain in Pt/Co/Ir thin films on piezoelectric transducers. Journal of Physics Condensed Matter, 2018, 30, 344002.	0.7	7
11	Effects of poling and crystallinity on the dielectric properties of $\text{Pb}(\text{In}_{1/2}\text{Nb}_{1/2})\text{O}_3$ - $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ - PbTiO_3 at cryogenic temperatures. Scientific Reports, 2019, 9, 2442.	1.6	6
12	Temperature and magnetic-field driven dynamics in artificial magnetic square ice. , 2015, , .		2
13	Pt and CoB trilayer Josephson π junctions with perpendicular magnetic anisotropy. Scientific Reports, 2021, 11, 11173.	1.6	2