

Zheng Li

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

730
citations

623734

14
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713466

21
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21
all docs

21
docs citations

21
times ranked

1257
citing authors

#	ARTICLE	IF	CITATIONS
1	A 3-input all magnetic full adder with misalignment-free clocking mechanism. Journal of Applied Physics, 2017, 121, .	2.5	16
2	A low-dissipation, pumpless, gravity-induced flow battery. Energy and Environmental Science, 2016, 9, 1760-1770.	30.8	39
3	Large-area patterning of sub-100 nm epitaxial L1 FePt dots array via nanoimprint lithography. AIP Advances, 2015, 5, .	1.3	6
4	Direct Release of Sombrero-shaped Magnetite Nanoparticles via Nanoimprint Lithography. Advanced Materials Interfaces, 2015, 2, 1400511.	3.7	15
5	Improving the Capacity of Sodium Ion Battery Using a Virus-Templated Nanostructured Composite Cathode. Nano Letters, 2015, 15, 2917-2921.	9.1	70
6	Ferroelectric, Ferromagnetic, and Magnetoelectric Properties of Multiferroic Ni _{0.5} Zn _{0.5} Fe ₂ O ₄ /BaTiO ₃ Composite Ceramics. Journal of Electronic Materials, 2014, 43, 1043-1047.	2.2	9
7	Role of the interface on the magnetoelectric properties of BaTiO ₃ thin films deposited on polycrystalline Ni foils. Journal of Materials Chemistry C, 2014, 2, 708-714.	5.5	31
8	Sombrero-shaped Fe ₃ O ₄ nanoelements with tunable out-of-plane and in-plane magnetization components fabricated by nano-imprint lithography. Journal of Applied Physics, 2014, 115, 17B506.	2.5	2
9	Misalignment-free signal propagation in nanomagnet arrays and logic gates with 45°-clocking field. Journal of Applied Physics, 2014, 115, 17E502.	2.5	10
10	Aqueous semi-solid flow cell: demonstration and analysis. Physical Chemistry Chemical Physics, 2013, 15, 15833.	2.8	112
11	Enhanced magnetoelectric coupling in Pb(Zr _{0.52} Ti _{0.48})O ₃ film-on-CoFe ₂ O ₄ bulk ceramic composite with LaNiO ₃ bottom electrode. Journal of Materials Science, 2013, 48, 1021-1026.	3.7	17
12	Highly stable signal propagation in a consecutively tuned nanomagnet array. Journal of Applied Physics, 2013, 113, .	2.5	8
13	Thickness-dependent converse magnetoelectric coupling in bi-layered Ni/PZT thin films. Journal of Applied Physics, 2012, 111, .	2.5	34
14	The activation of ϵ -non-basal slip in Magnesium alloys. Journal of Materials Science, 2012, 47, 7854-7859.	3.7	54
15	Influence of Stress and Orientation on Magnetoelectric Coupling of Pb(Zr,Ti)O ₃ -CoFe ₂ O ₄ Bilayer Films. Journal of the American Ceramic Society, 2011, 94, 1060-1066.	3.8	40
16	A simple method for direct observation of the converse magnetoelectric effect in magnetic/ferroelectric composite thin films. Journal of Applied Physics, 2011, 110, 096106.	2.5	20
17	A magnetoelectric logic gate. Physica Status Solidi - Rapid Research Letters, 2010, 4, 106-108.	2.4	23
18	A magnetoelectric memory cell with coercivity state as writing data bit. Applied Physics Letters, 2010, 96, .	3.3	50

#	ARTICLE	IF	CITATIONS
19	Electric-field control of strain-mediated magnetoelectric random access memory. Journal of Applied Physics, 2010, 107, .	2.5	93
20	Demonstration of magnetoelectric read head of multiferroic heterostructures. Applied Physics Letters, 2008, 92, .	3.3	74
21	Optical absorption and electrical transport in hybrid TiO ₂ and polymer nanocomposite films. Applied Physics Letters, 2006, 88, 243119.	3.3	7