Mohammad Javad PourhosseiniAsl

List of Publications by Year
in descending order

13 papers	430 citations	933447 10 h-index	1125743 13 g-index
13 all docs	13 docs citations	13 times ranked	476 citing authors

#	Article	IF	Citations
1	Enhancing weak magnetic field MME coupling in NdFeB magnet/piezoelectric composite cantilevers with stress concentration effect. Applied Physics Letters, 2021, 118, .	3.3	13
2	Using magnetoelectric effect to reveal magnetization behavior of bulk and heavy ferromagnetic materials. Applied Materials Today, 2021, 23, 101051.	4.3	3
3	A magneto-mechano-electric (MME) energy harvester based on rectangular cymbal structure. Sensors and Actuators A: Physical, 2020, 316, 112400.	4.1	18
4	Effective enhancement of piezomagnetic effect in core/shell structured cobalt/manganese-zinc nanocomposite. Applied Materials Today, 2020, 21, 100834.	4.3	1
5	Tailoring Artificial Mode to Enable Cofired Integration of Shear–type Piezoelectric Devices. Advanced Science, 2020, 7, 2001368.	11.2	7
6	Versatile power and energy conversion of magnetoelectric composite materials with high efficiency via electromechanical resonance. Nano Energy, 2020, 70, 104506.	16.0	40
7	Enhanced self-bias magnetoelectric effect in locally heat-treated ME laminated composite. Applied Physics Letters, 2019, 115, .	3.3	12
8	Enhanced low-frequency magnetic field sensitivity in magnetoelectric composite with amplitude modulation method. Applied Physics Letters, 2019, 114, .	3.3	23
9	A 1D Magnetoelectric Sensor Array for Magnetic Sketching. Advanced Materials Technologies, 2019, 4, 1800484.	5.8	24
10	Dual-stimulus magnetoelectric energy harvesting. MRS Bulletin, 2018, 43, 199-205.	3.5	47
11	Review of multi-layered magnetoelectric composite materials and devices applications. Journal Physics D: Applied Physics, 2018, 51, 243001.	2.8	193
12	A hexagonal-framed magnetoelectric composite for magnetic vector measurement. Applied Physics Letters, 2018, 113, .	3.3	17
13	A magnetoelectric flux gate: new approach for weak DC magnetic field detection. Scientific Reports, 2017, 7, 8592.	3.3	32