

Shiyou Xu

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,640
citations

759233

12
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

2260
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy scavenging based on a single-crystal PMN-PT nanobelt. Scientific Reports, 2016, 6, 22513.	3.3	24
2	Wireless biomechanical power harvesting via flexible magnetostrictive ribbons. Energy and Environmental Science, 2014, 7, 2243.	30.8	7
3	Flexible Piezoelectric PMN-PT Nanowire-Based Nanocomposite and Device. Nano Letters, 2013, 13, 2393-2398.	9.1	290
4	Biotemplated Synthesis of PZT Nanowires. Nano Letters, 2013, 13, 6197-6202.	9.1	35
5	Fabrication and piezoelectric property of PMN-PT nanofibers. Nano Energy, 2012, 1, 602-607.	16.0	36
6	In Situ Mechanical and Electrical Characterization of Individual TiO_2 Nanofibers Using a Nanomanipulator System. Scanning, 2012, 34, 341-346.	1.5	5
7	PMN-PT Nanowires with a Very High Piezoelectric Constant. Nano Letters, 2012, 12, 2238-2242.	9.1	76
8	Electromechanical coupling of lead zirconate titanate nanofibres. Micro and Nano Letters, 2011, 6, 59.	1.3	21
9	Monolithic fabrication of nanochannels using core-sheath nanofibers as sacrificial mold. Microfluidics and Nanofluidics, 2011, 11, 359-365.	2.2	6
10	Electro-Mechanical Coupling of Piezoelectric Nanocomposites. , 2010, ,		0
11	1.6 V Nanogenerator for Mechanical Energy Harvesting Using PZT Nanofibers. Nano Letters, 2010, 10, 2133-2137.	9.1	808
12	Fabrication and photocatalytic activity of TiO_2 nanofiber membrane. Materials Letters, 2009, 63, 1761-1763.	2.6	95
13	Low temperature high sensor response nano gas sensor using ITO nanofibers. Sensors and Actuators B: Chemical, 2009, 143, 71-75.	7.8	40
14	Potential measurement from a single lead zirconate titanate nanofiber using a nanomanipulator. Applied Physics Letters, 2009, 94, .	3.3	80
15	Power generation from piezoelectric lead zirconate titanate nanotubes. Journal Physics D: Applied Physics, 2009, 42, 085301.	2.8	17
16	Fabrication of ITO Nanofibers as Gas Sensor. , 2007, , 551.		0
17	Energy Harvesting From PZT Nanofibers. Materials Research Society Symposia Proceedings, 2007, 1034, 194.	0.1	1
18	Fabrication and mechanical property of nano piezoelectric fibres. Nanotechnology, 2006, 17, 4497-4501.	2.6	98