

Xiaohui Yi

List of Publications by Year in descending order

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15
papers

1,113
citations

933447

10
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

1714
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Advances of Quantum Conductance in Memristors. <i>Advanced Electronic Materials</i> , 2019, 5, 1800854.	5.1	44
2	Controlled Construction of Atomic Point Contact with 16 Quantized Conductance States in Oxide Resistive Switching Memory. <i>ACS Applied Electronic Materials</i> , 2019, 1, 789-798.	4.3	25
3	An Oxide Schottky Junction Artificial Optoelectronic Synapse. <i>ACS Nano</i> , 2019, 13, 2634-2642.	14.6	237
4	Nanoscale magnetization reversal by electric field-induced ion migration. <i>MRS Communications</i> , 2019, 9, 14-26.	1.8	7
5	Intrinsically Stretchable Resistive Switching Memory Enabled by Combining a Liquid Metal-Based Soft Electrode and a Metal-Organic Framework Insulator. <i>Advanced Electronic Materials</i> , 2019, 5, 1800655.	5.1	53
6	Organic and hybrid resistive switching materials and devices. <i>Chemical Society Reviews</i> , 2019, 48, 1531-1565.	38.1	291
7	Polyaniline-poly(vinylidene fluoride) blend microfiltration membrane and its spontaneous gold recovery application. <i>Science China Chemistry</i> , 2018, 61, 118-126.	8.2	4
8	Nanochannels: A 1D Vanadium Dioxide Nanochannel Constructed via Electric Field-Induced Ion Transport and its Superior Metal-Insulator Transition (<i>Adv. Mater.</i> 39/2017). <i>Advanced Materials</i> , 2017, 29, .	21.0	1
9	A 1D Vanadium Dioxide Nanochannel Constructed via Electric Field-Induced Ion Transport and its Superior Metal-Insulator Transition. <i>Advanced Materials</i> , 2017, 29, 1702162.	21.0	79
10	Triphenylamine-Based Metal-Organic Frameworks as Cathode Materials in Lithium-Ion Batteries with Coexistence of Redox Active Sites, High Working Voltage, and High Rate Stability. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 14578-14585.	8.0	121
11	Synaptic plasticity and learning behaviours in flexible artificial synapse based on polymer/viologen system. <i>Journal of Materials Chemistry C</i> , 2016, 4, 3217-3223.	5.5	61
12	Reversible Luminescence Modulation upon an Electric Field on a Full Solid-State Device Based on Lanthanide Dimers. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 15551-15556.	8.0	8
13	An organic terpyridyl-iron polymer based memristor for synaptic plasticity and learning behavior simulation. <i>RSC Advances</i> , 2016, 6, 25179-25184.	3.6	48
14	Nonvolatile Memory: Metal-Organic Framework Nanofilm for Mechanically Flexible Information Storage Applications (<i>Adv. Funct. Mater.</i> 18/2015). <i>Advanced Functional Materials</i> , 2015, 25, 2630-2630.	14.9	1
15	Metal-Organic Framework Nanofilm for Mechanically Flexible Information Storage Applications. <i>Advanced Functional Materials</i> , 2015, 25, 2677-2685.	14.9	133