Xiaohui Yi

List of Publications by Year
in descending order

15	1,113	933447 10	996975 15
papers	citations	h-index	g-index

15	15	15	1714
all docs	docs citations	times ranked	citing authors

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