

Zhuxj

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10245595/publications.pdf>

Version: 2024-02-01

17
papers

958
citations

759233

12
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

1729
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of Conductance Quantization in Oxide-Based Resistive Switching Memory. <i>Advanced Materials</i> , 2012, 24, 3941-3946.	21.0	217
2	Thermally Stable Transparent Resistive Random Access Memory based on All-Oxide Heterostructures. <i>Advanced Functional Materials</i> , 2014, 24, 2171-2179.	14.9	150
3	Metal-Organic Framework Nanofilm for Mechanically Flexible Information Storage Applications. <i>Advanced Functional Materials</i> , 2015, 25, 2677-2685.	14.9	133
4	Push-Pull Type Oligo(<i>N</i> -annulated perylene)quinodimethanes: Chain Length and Solvent-Dependent Ground States and Physical Properties. <i>Journal of the American Chemical Society</i> , 2015, 137, 8572-8583.	13.7	93
5	Direct observation of lithium-ion transport under an electrical field in Li_xCoO_2 nanograins. <i>Scientific Reports</i> , 2013, 3, 1084.	3.3	77
6	Nonvolatile bistable resistive switching in a new polyimide bearing 9-phenyl-9H-carbazole pendant. <i>Journal of Materials Chemistry</i> , 2012, 22, 520-526.	6.7	70
7	Role of oxadiazole moiety in different Δ polyazothines and related resistive switching properties. <i>Journal of Materials Chemistry C</i> , 2013, 1, 4556.	5.5	56
8	Electrically controlled electron transfer and resistance switching in reduced graphene oxide noncovalently functionalized with thionine. <i>Journal of Materials Chemistry</i> , 2012, 22, 16422.	6.7	42
9	Positive temperature coefficient of magnetic anisotropy in polyvinylidene fluoride (PVDF)-based magnetic composites. <i>Scientific Reports</i> , 2014, 4, 6615.	3.3	34
10	All in One: A Versatile n-Perovskite/p-Spiro-MeOTAD π -n Heterojunction Diode as a Photovoltaic Cell, Photodetector, and Memristive Photosynapse. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 12098-12106.	4.6	17
11	A flexible dual-gate hetero-synaptic transistor for spatiotemporal information processing. <i>Nanoscale Advances</i> , 2022, 4, 2412-2419.	4.6	13
12	Thermally assisted electric field control of magnetism in flexible multiferroic heterostructures. <i>Scientific Reports</i> , 2015, 4, 6925.	3.3	12
13	Temporal Pattern Coding in Ionic Memristor-Based Spiking Neurons for Adaptive Tactile Perception. <i>Advanced Electronic Materials</i> , 2022, 8, .	5.1	5
14	Resistive Switching Memories: Observation of Conductance Quantization in Oxide-Based Resistive Switching Memory (<i>Adv. Mater.</i> 29/2012). <i>Advanced Materials</i> , 2012, 24, 3898-3898.	21.0	2
15	Transparent Electronics: Thermally Stable Transparent Resistive Random Access Memory based on All-Oxide Heterostructures (<i>Adv. Funct. Mater.</i> 15/2014). <i>Advanced Functional Materials</i> , 2014, 24, 2110-2110.	14.9	2
16	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
17	Switching Memory: An Optoelectronic Resistive Switching Memory with Integrated Demodulating and Arithmetic Functions (<i>Adv. Mater.</i> 17/2015). <i>Advanced Materials</i> , 2015, 27, 2812-2812.	21.0	0