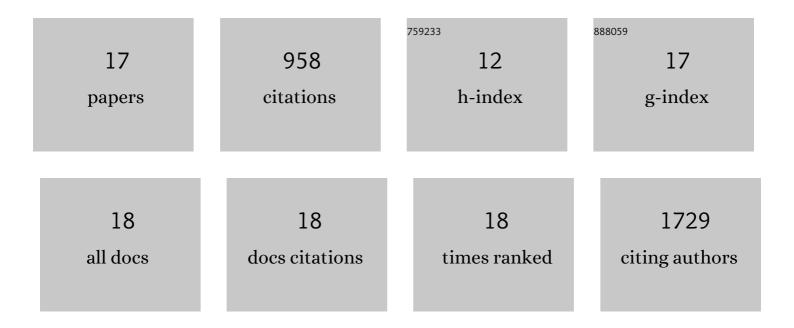


List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Observation of Conductance Quantization in Oxideâ€Based Resistive Switching Memory. Advanced Materials, 2012, 24, 3941-3946.	21.0	217
2	Thermally Stable Transparent Resistive Random Access Memory based on Allâ€Oxide Heterostructures. Advanced Functional Materials, 2014, 24, 2171-2179.	14.9	150
3	Metalâ€Organic Framework Nanofilm for Mechanically Flexible Information Storage Applications. Advanced Functional Materials, 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. Journal of the American Chemical Society, 2015, 137, 8572-8583.	13.7	93
5	Direct observation of lithium-ion transport under an electrical field in LixCoO2 nanograins. Scientific Reports, 2013, 3, 1084.	3.3	77
6	Nonvolatile bistable resistive switching in a new polyimide bearing 9-phenyl-9H-carbazole pendant. Journal of Materials Chemistry, 2012, 22, 520-526.	6.7	70
7	Role of oxadiazole moiety in different D–A polyazothines and related resistive switching properties. Journal of Materials Chemistry C, 2013, 1, 4556.	5.5	56
8	Electrically controlled electron transfer and resistance switching in reduced graphene oxide noncovalently functionalized with thionine. Journal of Materials Chemistry, 2012, 22, 16422.	6.7	42
9	Positive temperature coefficient of magnetic anisotropy in polyvinylidene fluoride (PVDF)-based magnetic composites. Scientific Reports, 2014, 4, 6615.	3.3	34
10	All in One: A Versatile n-Perovskite/p-Spiro-MeOTAD p–n Heterojunction Diode as a Photovoltaic Cell, Photodetector, and Memristive Photosynapse. Journal of Physical Chemistry Letters, 2021, 12, 12098-12106.	4.6	17
11	A flexible dual-gate hetero-synaptic transistor for spatiotemporal information processing. Nanoscale Advances, 2022, 4, 2412-2419.	4.6	13
12	Thermally assisted electric field control of magnetism in flexible multiferroic heterostructures. Scientific Reports, 2015, 4, 6925.	3.3	12
13	Temporal Pattern Coding in Ionic Memristorâ€Based Spiking Neurons for Adaptive Tactile Perception. Advanced Electronic Materials, 2022, 8, .	5.1	5
14	Resistive Switching Memories: Observation of Conductance Quantization in Oxideâ€Based Resistive Switching Memory (Adv. Mater. 29/2012). Advanced Materials, 2012, 24, 3898-3898.	21.0	2
15	Transparent Electronics: Thermally Stable Transparent Resistive Random Access Memory based on Allâ€Oxide Heterostructures (Adv. Funct. Mater. 15/2014). Advanced Functional Materials, 2014, 24, 2110-2110.	14.9	2
16	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
17	Switching Memory: An Optoelectronic Resistive Switching Memory with Integrated Demodulating and Arithmetic Functions (Adv. Mater. 17/2015). Advanced Materials, 2015, 27, 2812-2812.	21.0	0