

Agnes Gubicza

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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1306789

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284
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-exponential resistive switching in Ag ₂ S memristors: a key to nanometer-scale non-volatile memory devices. <i>Nanoscale</i> , 2015, 7, 4394-4399.	2.8	32
2	Asymmetry-induced resistive switching in Ag-Ag ₂ S-Ag memristors enabling a simplified atomic-scale memory design. <i>Scientific Reports</i> , 2016, 6, 30775.	1.6	30
3	Exploiting supramolecular assemblies for filterless ultra-narrowband organic photodetectors with inkjet fabrication capability. <i>Journal of Materials Chemistry C</i> , 2019, 7, 14639-14650.	2.7	24
4	A fast operation of nanometer-scale metallic memristors: highly transparent conductance channels in Ag ₂ S devices. <i>Nanoscale</i> , 2014, 6, 2613-2617.	2.8	23
5	Resistive switching in metallic Ag ₂ S memristors due to a local overheating induced phase transition. <i>Nanoscale</i> , 2015, 7, 11248-11254.	2.8	19
6	Universal 1/f type current noise of Ag filaments in redox-based memristive nanojunctions. <i>Nanoscale</i> , 2019, 11, 4719-4725.	2.8	19
7	Quantum Interference Enhanced Chemical Responsivity in Single-Molecule Dithienoborepin Junctions. <i>Chemistry - A European Journal</i> , 2019, 25, 15141-15146.	1.7	18
8	Nanosecond resistive switching in Ag/Ag/PtIr nanojunctions. <i>Beilstein Journal of Nanotechnology</i> , 2020, 11, 92-100.	1.5	7
9	<i>In situ</i> impedance matching in Nb/Nb ₂ O ₅ /PtIr memristive nanojunctions for ultra-fast neuromorphic operation. <i>Nanoscale</i> , 2018, 10, 19290-19296.	2.8	6
10	Conductive Hybrid Cu-HHTP-CNQ Metal-Organic Frameworks for Chemiresistive Sensing. <i>Advanced Electronic Materials</i> , 2022, 8, 2100871.	2.6	5
11	A non-oxidizing fabrication method for lithographic break junctions of sensitive metals. <i>Nanoscale Advances</i> , 2020, 2, 3829-3833.	2.2	0