

Xinqiang Pan

List of Publications by Year in descending order

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10
papers

127
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1478505

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1372567

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10
times ranked

167
citing authors

#	ARTICLE	IF	CITATIONS
1	Voltage-programmable negative differential resistance in memristor of single-crystalline lithium niobate thin film. <i>Applied Physics Letters</i> , 2022, 120, .	3.3	11
2	Reliable resistive switching and synaptic plasticity in Ar ⁺ -irradiated single-crystalline LiNbO ₃ memristor. <i>Applied Surface Science</i> , 2022, 596, 153653.	6.1	15
3	A Memristor-Based Bioinspired Multimodal Sensory Memory System for Sensory Adaptation of Robots. <i>Advanced Intelligent Systems</i> , 2022, 4, .	6.1	4
4	Effects of helium implantation fluence on the crystal-ion-slicing fabrication of Y-cut lithium niobate film. <i>Materials Express</i> , 2021, 11, 717-723.	0.5	2
5	Resistive Switching Effects of Crystal-Ion-Slicing Fabricated LiNbO ₃ Single Crystalline Thin Film on Flexible Polyimide Substrate. <i>Advanced Electronic Materials</i> , 2021, 7, 2100301.	5.1	10
6	Effects of Ar ⁺ irradiation on the performance of memristor based on single-crystalline LiNbO ₃ thin film. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 20817-20826.	2.2	7
7	Compliance-current-modulated resistive switching with multi-level resistance states in single-crystalline LiNbO ₃ thin film. <i>Solid State Ionics</i> , 2019, 334, 1-4.	2.7	4
8	Ar ⁺ ions irradiation induced memristive behavior and neuromorphic computing in monolithic LiNbO ₃ thin films. <i>Applied Surface Science</i> , 2019, 484, 751-758.	6.1	16
9	Rectifying filamentary resistive switching in ion-exfoliated LiNbO ₃ thin films. <i>Applied Physics Letters</i> , 2016, 108, .	3.3	30
10	Resistive switching behavior in single crystal SrTiO ₃ annealed by laser. <i>Applied Surface Science</i> , 2016, 389, 1104-1107.	6.1	28