

Shuhua Yao

List of Publications by Year in descending order

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13
papers

1,204
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1163117

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times ranked

3403
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrasmooth organic-inorganic perovskite thin-film formation and crystallization for efficient planar heterojunction solar cells. <i>Nature Communications</i> , 2015, 6, 6142.	12.8	784
2	MoO ₂ nanobelts@nitrogen self-doped MoS ₂ nanosheets as effective electrocatalysts for hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2014, 2, 11358.	10.3	262
3	Spin-Glass-Like Behavior and Topological Hall Effect in SrRuO ₃ /SrIrO ₃ Superlattices for Oxide Spintronics Applications. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 3201-3207.	8.0	64
4	Sensitively Temperature-Dependent Spin-Orbit Coupling in SrIrO ₃ Thin Films. <i>Journal of the Physical Society of Japan</i> , 2014, 83, 054707.	1.6	32
5	Strong correlation of the growth mode and electrical properties of BiCuSeO single crystals with growth temperature. <i>CrystEngComm</i> , 2015, 17, 6136-6141.	2.6	17
6	Synthesis of stoichiometric LiNbO ₃ nanopowder through a wet chemical method. <i>Crystal Research and Technology</i> , 2009, 44, 1235-1240.	1.3	11
7	Lattice dynamics of K _x RhO ₂ single crystals. <i>AIP Advances</i> , 2015, 5, .	1.3	11
8	Enhanced ferromagnetic properties of N ₂ plasma-treated carbon nanotubes. <i>Journal of Materials Science</i> , 2019, 54, 2307-2314.	3.7	10
9	Growth habit and optical properties of ¹³⁷ CsI single crystals via a temperature difference method. <i>RSC Advances</i> , 2015, 5, 71514-71518.	3.6	6
10	How to probe the spin contribution to momentum relaxation in topological insulators. <i>Nature Communications</i> , 2018, 9, 56.	12.8	5
11	LOW TEMPERATURE NEUTRON DIFFRACTION ON CONGRUENT AND NEAR STOICHIOMETRIC LiNbO ₃ . <i>Modern Physics Letters B</i> , 2012, 26, 1250142.	1.9	1
12	Growth and Thermal Conductivity Study of CuCr ₂ Se ₄ -CuCrSe ₂ Hetero-Composite Crystals. <i>Crystals</i> , 2022, 12, 433.	2.2	1
13	Electronic structure and spin-orbit coupling in ternary transition metal chalcogenides Cu ₂ TiX ₂ (X = Se, Te). <i>Chinese Physics B</i> , 2022, 31, 037101.	1.4	0