Xue Rui

List of Publications by Year
in descending order

17 papers	1,205 citations	1040056 9 h-index	996975 15 g-index
17 all docs	17 docs citations	17 times ranked	1710 citing authors

#	Article	IF	Citations
1	Dynamically Stable Active Sites from Surface Evolution of Perovskite Materials during the Oxygen Evolution Reaction. Journal of the American Chemical Society, 2021, 143, 2741-2750.	13.7	156
2	Preparation of Ti2C MXene phase by ion beam sputtering and ion irradiation. Nuclear Instruments & Methods in Physics Research B, 2020, 469, 49-51.	1.4	10
3	Covalent surface modifications and superconductivity of two-dimensional metal carbide MXenes. Science, 2020, 369, 979-983.	12.6	870
4	Effect of Ar+ irradiation of Ti3InC2 at different ion beam fluences. Surface and Coatings Technology, 2020, 394, 125834.	4.8	8
5	Identical Location STEM analysis on La_{1â”'x}Sr_xCoO₃ Oxygen-Evolution Catalysts. Microscopy and Microanalysis, 2019, 25, 2052-2053.	0.4	1
6	Ti₂SnC and Ti₂InC Nanolaminates by Low Energy Ion Facility (LEIF) and Their Resistance Towards Ar⁺ Ion Bombardment. Microscopy and Microanalysis, 2019, 25, 1630-1631.	0.4	3
7	Radiation Stability of Ti₂InC (M₂AX) Nanolaminates Under He Ions Irradiation â€“ Evaluation Through STEM microscopy. Microscopy and Microanalysis, 2019, 25, 1624-1625.	0.4	2
8	Radiation Resistant Layered Ti3AlC2 Ceramics Prepared by LEIF. Microscopy and Microanalysis, 2019, 25, 1632-1633.	0.4	0
9	Liquid Ammonia Chemical Lithiation: An Approach for High-Energy and High-Voltage Siâ€“Graphite | Li_{1+x}Ni_{0.5}Mn_{1.5}O₄ Li-Ion Batteries. ACS Applied Energy Materials, 2019, 2, 5019-5028.	5.1	31
10	Atomic-resolution in-situ cooling study of oxygen vacancy ordering in La0.5Sr0.5CoO3â”'Î´ thin films. Applied Physics Letters, 2019, 114, .	3.3	16
11	Synthesis of Type I PbSe/CdSe Dot-on-Plate Heterostructures with Near-Infrared Emission. Journal of the American Chemical Society, 2019, 141, 5092-5096.	13.7	25
12	Atomic-resolution study of oxygen vacancy ordering in Lao.5Sro.5CoO3-s thin films on SrTiO3 during in situ cooling experiments.. Microscopy and Microanalysis, 2018, 24, 84-85.	0.4	2
13	Antiferromagnetic defect structure in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>LaNi</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mrow><mml:mn>3</mml:mn><mml:mo>â”'</mml:mo><mml:mi>Î´</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:math> single crystals. Physical Review Materials, 2018, 2, .	2.4	30
14	Experimental verification of orbital engineering at the atomic scale: Charge transfer and symmetry breaking in nickelate heterostructures. Physical Review B, 2017, 95, .	3.2	12
15	Studying the effects of interfacial coupling in La0.5Sr0.5CoO3-Î´ thin films on SrTiO3 using in-situ cooling experiments. Microscopy and Microanalysis, 2017, 23, 850-851.	0.4	0
16	Atomic-scale characterization of the oxygen vacancy ordering in La 0.5 Sr 0.5 CoO 3 thin film grown on SrTiO 3 using in-situ cooling experiments. Microscopy and Microanalysis, 2016, 22, 1626-1627.	0.4	1
17	Dynamic Study of Liquid Drop Impact on Supercooled Cerium Dioxide: Anti-Icing Behavior. Langmuir, 2016, 32, 6148-6162.	3.5	38