

Dooyong Lee

List of Publications by Year in descending order

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235
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitrogen-Plasma-Treated Continuous Monolayer MoS ₂ for Improving Hydrogen Evolution Reaction. ACS Omega, 2019, 4, 21509-21515.	3.5	34
2	Deposition-Temperature-Mediated Selective Phase Transition Mechanism of VO ₂ Films. Journal of Physical Chemistry C, 2020, 124, 17282-17289.	3.1	24
3	Hydrogen incorporation induced the octahedral symmetry variation in VO ₂ films. Applied Surface Science, 2017, 396, 36-40.	6.1	19
4	Effect of oxygen vacancies in the magnetic properties of the amorphous CoFe ₂ O ₄ films. Journal of Non-Crystalline Solids, 2017, 456, 83-87.	3.1	19
5	Understanding the Phase Transition Evolution Mechanism of Partially M ₂ Phased VO ₂ Film by Hydrogen Incorporation. Journal of Physical Chemistry Letters, 2020, 11, 9680-9688.	4.6	16
6	The effect of Fe ²⁺ state in electrical property variations of Sn-doped hematite powders. Journal of the American Ceramic Society, 2017, 100, 3928-3934.	3.8	14
7	Correlation between Symmetry and Phase Transition Temperature of VO ₂ Films Deposited on Al ₂ O ₃ Substrates with Various Orientations. Advanced Electronic Materials, 2021, 7, 2000874.	5.1	12
8	Oxygen evolution reaction characteristics of synthetic nickel-cobalt-oxide electrodes for alkaline anion-exchange membrane water electrolysis. Journal of the Korean Physical Society, 2015, 67, 1558-1562.	0.7	6
9	Solid-source metal-organic molecular beam epitaxy of epitaxial RuO ₂ . APL Materials, 2021, 9, .	5.1	6
10	Epitaxial SrTiO ₃ films with dielectric constants exceeding 25,000. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	6
11	Anomalous transport in high-mobility superconducting SrTiO ₃ thin films. Science Advances, 2022, 8, .	10.3	5
12	Octahedral Symmetry Modification Induced Orbital Occupancy Variation in VO ₂ . Journal of Physical Chemistry Letters, 2022, 13, 75-82.	4.6	3
13	Facile preparation and control of Cu-Se compounds with various preparation conditions. Journal of the Korean Physical Society, 2015, 66, 171-174.	0.7	2
14	Ultrasonic-Assisted Spin-Coating: Improved Junction by Enhanced Permeation of a Coating Material within Nanostructures. ACS Applied Materials & Interfaces, 2018, 10, 20025-20031.	8.0	2
15	Stoichiometry-dependent surface electronic structure of SrTiO ₃ films grown by hybrid molecular beam epitaxy. Applied Physics Letters, 2022, 120, .	3.3	2
16	Oxygen point defect stabilized metastable M ₃ phase VO ₂ films. Applied Materials Today, 2022, 27, 101474.	4.3	2