

Takuro Nagai

List of Publications by Year in descending order

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18
papers

524
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840776

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1144
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-nitrogen doped and non-metal oxygen reduction electrocatalysts based on carbon nanotubes: mechanism and origin of ORR activity. <i>Energy and Environmental Science</i> , 2014, 7, 1950-1958.	30.8	123
2	Chemical States of Overcharged LiCoO_2 Particle Surfaces and Interiors Observed Using Electron Energy-Loss Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2015, 119, 15823-15830.	3.1	91
3	Atomic number dependence of Z contrast in scanning transmission electron microscopy. <i>Scientific Reports</i> , 2018, 8, 12325.	3.3	69
4	Tunable Néel Bloch Magnetic Twists in Fe_3GeTe_2 with van der Waals Structure. <i>Advanced Functional Materials</i> , 2021, 31, 2103583.	14.9	35
5	Real-Space Observation of Topological Defects in Extended Skyrmion-Strings. <i>Nano Letters</i> , 2020, 20, 7313-7320.	9.1	26
6	Quantitative annular dark-field imaging of single-layer graphene ^{II} : atomic-resolution image contrast. <i>Microscopy (Oxford, England)</i> , 2015, 64, 409-418.	1.5	23
7	Understanding Li-K edge structure and interband transitions in Li_xCoO_2 by electron energy-loss spectroscopy. <i>Applied Physics Letters</i> , 2014, 104, .	3.3	22
8	A Rhombic Dodecahedral Honeycomb Structure with Cation Vacancy Ordering in a $\beta\text{-Ga}_2\text{O}_3$ Crystal. <i>Crystal Growth and Design</i> , 2013, 13, 3577-3581.	3.0	20
9	Non-negative matrix factorization for mining big data obtained using four-dimensional scanning transmission electron microscopy. <i>Ultramicroscopy</i> , 2021, 221, 113168.	1.9	15
10	Experimental observation of multiple- Q states for the magnetic skyrmion lattice and skyrmion excitations under a zero magnetic field. <i>Physical Review B</i> , 2015, 92, .	3.2	11
11	Single adatom dynamics at monatomic steps of free-standing few-layer reduced graphene. <i>Scientific Reports</i> , 2014, 4, 6037.	3.3	10
12	Single Crystallization of Olivine Lithium Phosphate Nanowires using Oriented Attachments. <i>Journal of Physical Chemistry C</i> , 2014, 118, 7678-7682.	3.1	9
13	Identifying lithium K edge anisotropy in LiCoO_2 . <i>Physical Review B</i> , 2018, 98, .	3.2	9
14	HRTEM ^{EEELS} cross-sectional structural analyses of glassy carbon substrate irradiated by platinum ions using a coaxial arc plasma gun. <i>Surface and Interface Analysis</i> , 2020, 52, 23-33.	1.8	5
15	Diffuse Phase Transition and Anisotropic Evolution of Nanodomains in $\text{Nd}_{0.2}\text{Sr}_{0.8}\text{MnO}_3$. <i>Journal of the Physical Society of Japan</i> , 2007, 76, 103706.	1.6	3
16	Cross-sectional structural characterization of the surface of exfoliated HOPG using HRTEM ^{EEELS} . <i>Surface and Interface Analysis</i> , 2021, 53, 84-89.	1.8	2
17	TEM Observation of Structural Order and Disorder in Co-Based Layered Cuprates. <i>Nihon Kessho Gakkaishi</i> , 2004, 46, 339-344.	0.0	0
18	Transversely Modulated Structure of Charge-Orbital Ordered Manganites. <i>Materia Japan</i> , 2005, 44, 970-970.	0.1	0