

Kazuyuki Takai

List of Publications by Year in descending order

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20
papers

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citations

840776

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all docs

20
docs citations

20
times ranked

602
citing authors

#	ARTICLE	IF	CITATIONS
1	Anomalous spin relaxation in graphene nanostructures on the high temperature annealed surface of hydrogenated diamond nanoparticles. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 19209-19218.	2.8	0
2	Magnetic Torque Studies of \hat{e} -System \hat{e} -(BDH-TTP) ₂ FeX ₄ (X = Br, Cl). <i>Journal of the Physical Society of Japan</i> , 2014, 83, 023704.	1.6	4
3	Electron transport properties of graphene with charged impurities and vacancy defects. <i>Journal of Materials Research</i> , 2013, 28, 1097-1104.	2.6	8
4	Magnetic and Transport Properties of \hat{e} -System \hat{e} -(BDH-TTP) ₂ FeCl ₄ . <i>Journal of the Physical Society of Japan</i> , 2013, 82, 124709.	1.6	4
5	Crystal Structure and Physical Properties of \hat{e} -System \hat{e} -(BDH-TTP) ₂ FeBr ₄ . <i>Journal of the Physical Society of Japan</i> , 2013, 82, 054706.	1.6	8
6	Magnetic Edge State of Nanographene and Unconventional Nanographene-Based Host-Guest Systems. <i>Bulletin of the Chemical Society of Japan</i> , 2012, 85, 249-264.	3.2	12
7	Magnetic Properties and Interplay between Nanographene Host and Nitric Acid Guest in Nanographene-Based Nanoporous Carbon. <i>Bulletin of the Chemical Society of Japan</i> , 2012, 85, 376-388.	3.2	2
8	Magnetic edge state and dangling bond state of nanographene in activated carbon fibers. <i>Physical Review B</i> , 2011, 84, .	3.2	35
9	Magnetic Structures of Edge-State Spins in Nanographene and a Network of Nanographene Sheets. , 2011, , 151-166.		0
10	Mechanical compression induced short-range ordering of nanographene spins. <i>Physical Review B</i> , 2010, 82, .	3.2	7
11	Honeycomb superperiodic pattern and its fine structure near the armchair edge of graphene observed by low-temperature scanning tunneling microscopy. <i>Physical Review B</i> , 2010, 81, .	3.2	41
12	Electric field induced sp ³ -to-sp ² conversion and nonlinear electron transport in iron-doped diamond-like carbon thin film. <i>Journal of Applied Physics</i> , 2010, 107, .	2.5	13
13	The edge state of nanographene and the magnetism of the edge-state spins. <i>Solid State Communications</i> , 2009, 149, 1144-1150.	1.9	126
14	Nanographene and Nanodiamond; New Members in the Nanocarbon Family. <i>Chemistry - an Asian Journal</i> , 2009, 4, 796-804.	3.3	50
15	Magnetic Potassium Clusters in a Nanographite Host System. <i>Physical Review Letters</i> , 2007, 98, 017203.	7.8	26
16	Magnetic Properties of Hydrogen-Terminated Surface Layer of Diamond Nanoparticles. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2006, 14, 565-572.	2.1	12
17	Interface Effect on the Electronic Structure of Alkanethiol-Coated Platinum Nanoparticles. <i>Journal of Physical Chemistry B</i> , 2003, 107, 10134-10140.	2.6	49
18	Effect of Fluorination on Nano-Sized \hat{e} -Electron Systems. <i>Journal of the Physical Society of Japan</i> , 2001, 70, 175-185.	1.6	39

#	ARTICLE	IF	CITATIONS
19	Fluorine-Introduced sp^3 -Carbon Sites in a Nano-Sized π -Electron System and their Effects on the Electronic Properties. <i>Molecular Crystals and Liquid Crystals</i> , 2000, 340, 289-294.	0.3	19
20	Host-Guest Systems in Microporous Carbons. <i>Materials Research Society Symposia Proceedings</i> , 1998, 548, 3.	0.1	1