Kazuhiro Kanda

List of Publications by Year
in descending order

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26	498	687363 13	677142 22
papers	citations	h-index	g-index

26	26	26	306
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Properties and Classification of Diamond-Like Carbon Films. Materials, 2021, 14, 315.	2.9	85
2	Effect of Soft X-ray Irradiation on Film Properties of a Hydrogenated Si-Containing DLC Film. Materials, 2021, 14, 924.	2.9	5
3	Local Structure Analysis on Si-Containing DLC Films Based on the Measurement of C K-Edge and Si K-Edge X-ray Absorption Spectra. Coatings, 2020, 10, 330.	2.6	11
4	Erosion of fluorinated diamond-like carbon films by exposure to soft X-rays. Japanese Journal of Applied Physics, 2018, 57, 045501.	1.5	3
5	Soft X-ray irradiation effect on the fluorinated DLC film. Diamond and Related Materials, 2017, 79, 14-20.	3.9	6
6	Structural analysis of amorphous carbon films by BEMA theory based on spectroscopic ellipsometry measurement. Diamond and Related Materials, 2017, 79, 46-59.	3.9	4
7	Structural analysis of amorphous carbon films by spectroscopic ellipsometry, RBS/ERDA, and NEXAFS. Applied Physics Letters, 2017, 110, .	3.3	19
8	Quantitative NEXAFS and solid-state NMR studies of sp 3 /(sp 2 + sp 3) ratio in the hydrogenated DLC films. Diamond and Related Materials, 2017, 73, 232-240.	3.9	24
9	Investigation of pitting corrosion of diamond-like carbon films using synchrotron-based spectromicroscopy. Journal of Applied Physics, 2016, 120, .	2.5	20
10	Resistance of Hydrogenated Titanium-Doped Diamond-Like Carbon Film to Hyperthermal Atomic Oxygen. Metals, 2015, 5, 1957-1970.	2.3	6
11	Hyperthermal Atomic Oxygen Beam Irradiation Effect on the Hydrogenated Si-doped DLC Film. Transactions of the Materials Research Society of Japan, 2015, 40, 363-368.	0.2	4
12	Study of Synchrotron Radiation Near-Edge X-Ray Absorption Fine-Structure of Amorphous Hydrogenated Carbon Films at Various Thicknesses. Journal of Nanomaterials, 2015, 2015, 1-7.	2.7	15
13	Soft X-ray irradiation effect on the surface and material properties of highly hydrogenated diamond-like carbon thin films. Diamond and Related Materials, 2014, 44, 8-10.	3.9	8
14	Comprehensive Classification of Near-Edge X-ray Absorption Fine Structure Spectra of Si-Containing Diamond-Like Carbon Thin Films. Japanese Journal of Applied Physics, 2013, 52, 095504.	1.5	8
15	Classification of DLC films in terms of biological response. Surface and Coatings Technology, 2012, 207, 350-354.	4.8	37
16	Local structural analysis of a-SiC :H films formed by decomposition of tetramethylsilane in microwave discharge flow of Ar. Diamond and Related Materials, 2011, 20, 364-367.	3.9	24
17	Fabrication of fluorine-terminated diamond-like carbon thin film using a hyperthermal atomic fluorine beam. Diamond and Related Materials, 2011, 20, 703-706.	3.9	6
18	Effect of the Soft X-rays on Highly Hydrogenated Diamond-Like Carbon Films. Japanese Journal of Applied Physics, 2011, 50, 055801.	1.5	6

#	Article	IF	Citations
19	Effect of the Soft X-rays on Highly Hydrogenated Diamond-Like Carbon Films. Japanese Journal of Applied Physics, 2011, 50, 055801.	1.5	6
20	Synchrotron radiation photoelectron spectroscopy and near-edge X-ray absorption fine structure study on oxidative etching of diamond-like carbon films by hyperthermal atomic oxygen. Applied Surface Science, 2010, 256, 7678-7683.	6.1	17
21	Structural Changes in Diamond-Like Carbon Films Fabricated by Ga Focused-Ion-Beam-Assisted Deposition Caused by Annealing. Japanese Journal of Applied Physics, 2010, 49, 06GH06.	1.5	10
22	Comprehensive classification of DLC films formed by various methods using NEXAFS measurement. Diamond and Related Materials, 2008, 17, 1743-1745.	3.9	50
23	Elementary Analysis of Diamond-Like Carbon Film Formed by Focused-Ion-Beam Chemical Vapor Deposition. Japanese Journal of Applied Physics, 2007, 46, 8003-8004.	1.5	23
24	Synchrotron Radiation Effect in the Soft X-ray Region on the Surface Properties of Pyromellitic Dianhydride-Oxydianline Polyimide. Japanese Journal of Applied Physics, 2004, 43, 3938-3940.	1.5	13
25	Surface Modification of Fluorocarbon Polymers by Synchrotron Radiation. Japanese Journal of Applied Physics, 2003, 42, 3983-3985.	1.5	40
26	Characterization of Hard Diamond-Like Carbon Films Formed by Ar Gas Cluster Ion Beam-Assisted Fullerene Deposition. Japanese Journal of Applied Physics, 2002, 41, 4295-4298.	1.5	48