

Hidehito Nanto

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,664
citations

1040056

9
h-index

940533

16
g-index

21
all docs

21
docs citations

21
times ranked

1392
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Conductive and Transparent Aluminum Doped Zinc Oxide Thin Films Prepared by RF Magnetron Sputtering. Japanese Journal of Applied Physics, 1984, 23, L280-L282.	1.5	525
2	Group III Impurity Doped Zinc Oxide Thin Films Prepared by RF Magnetron Sputtering. Japanese Journal of Applied Physics, 1985, 24, L781-L784.	1.5	518
3	Zinc oxide thin film ammonia gas sensors with high sensitivity and excellent selectivity. Journal of Applied Physics, 1986, 60, 482-484.	2.5	316
4	The role of silver in the radiophotoluminescent properties in silver-activated phosphate glass and sodium chloride crystal. Optical Materials, 2010, 32, 1231-1236.	3.6	90
5	Scintillation and optical stimulated luminescence of Ce-doped CaF ₂ . Radiation Measurements, 2014, 71, 162-165.	1.4	76
6	Aluminum-doped ZnO thin film gas sensor capable of detecting freshness of sea foods. Sensors and Actuators B: Chemical, 1993, 14, 715-717.	7.8	68
7	Current status and future prospect of RPL glass dosimeter. Radiation Measurements, 2020, 136, 106363.	1.4	24
8	Effects of excess oxygen introduced during sputter deposition on carrier mobility in as-deposited and postannealed indium tin oxide films. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2001, 19, 1636-1641.	2.1	15
9	Undoped CaSO ₄ showing highly enhanced radio-photoluminescence properties. Materials Today Communications, 2020, 24, 101013.	1.9	11
10	Photostimulated luminescence in insulators and semiconductors. Radiation Effects and Defects in Solids, 1998, 146, 311-321.	1.2	10
11	Instruments for Radiation Measurement in Biosciences (Series 3 : Radioluminography). Radioisotopes, 2000, 49, 87-98.	0.2	4
12	Growth Control of High-Tc Superconducting Thin Films for Future Electronics. Transactions of the Materials Research Society of Japan, 2010, 35, 993-996.	0.2	2
13	Introduction to Odor Sensors-Electronic Nose System-. Journal of Japan Association on Odor Environment, 2006, 37, 154-163.	0.0	1
14	Odor Sensor. Journal of the Robotics Society of Japan, 2003, 21, 36-39.	0.1	1
15	Radiophotoluminescence and Photoluminescence in Ag ⁺ -activated Phosphate Glass Used as Glass Dosimeter. IEEJ Transactions on Sensors and Micromachines, 2013, 133, 307-311.	0.1	1
16	Growth Control of High-Tc Superconducting Thin Films for Future Electronics. Transactions of the Materials Research Society of Japan, 2012, 20thAnniv, 85-88.	0.2	0
17	Photostimulable Phosphor Glass for Ionizing Radiation Monitoring. Proceedings (mdpi), 2018, 2, 706.	0.2	0
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#	ARTICLE	IF	CITATIONS
19	Physical and dosimetric characteristics of radiophotoluminescent glass from two-photon excitation microscopy. Radiation Measurements, 2021, 140, 106473.	1.4	0
20	A Study on Environmental Recognitions by Odor Sensors Considered on the Concept of Human Senses. IEEJ Transactions on Sensors and Micromachines, 2006, 126, 107-113.	0.1	0