

# Hidehito Nanto

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11668931/publications.pdf>

Version: 2024-02-01

20  
papers

1,664  
citations

1039406

9  
h-index

940134

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.	0.8	525
2	Group III Impurity Doped Zinc Oxide Thin Films Prepared by RF Magnetron Sputtering. Japanese Journal of Applied Physics, 1985, 24, L781-L784.	0.8	518
3	Zinc oxide thin film ammonia gas sensors with high sensitivity and excellent selectivity. Journal of Applied Physics, 1986, 60, 482-484.	1.1	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.	1.7	90
5	Scintillation and optical stimulated luminescence of Ce-doped CaF <sub>2</sub> . Radiation Measurements, 2014, 71, 162-165.	0.7	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.	4.0	68
7	Current status and future prospect of RPL glass dosimeter. Radiation Measurements, 2020, 136, 106363.	0.7	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.	0.9	15
9	Undoped CaSO <sub>4</sub> showing highly enhanced radio-photoluminescence properties. Materials Today Communications, 2020, 24, 101013.	0.9	11
10	Photostimulated luminescence in insulators and semiconductors. Radiation Effects and Defects in Solids, 1998, 146, 311-321.	0.4	10
11	Instruments for Radiation Measurement in Biosciences (Series 3 : Radioluminography). Radioisotopes, 2000, 49, 87-98.	0.1	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.	0.1	1
14	Odor Sensor. Journal of the Robotics Society of Japan, 2003, 21, 36-39.	0.0	1
15	Radiophotoluminescence and Photoluminescence in Ag <sup>+</sup> -activated Phosphate Glass Used as Glass Dosimeter. IEEJ Transactions on Sensors and Micromachines, 2013, 133, 307-311.	0.0	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

#	ARTICLE	IF	CITATIONS
19	Physical and dosimetric characteristics of radiophotoluminescent glass from two-photon excitation microscopy. Radiation Measurements, 2021, 140, 106473.	0.7	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.	0.0	0