Symposium 15
Poster Session
Event Hall
Nov. 16 (Tue)

	Presentation Title	Author1 Family Name	Author1 Given Name	Affiliation	Country
	12:00 -14:00, Nov. 16 (Tue)				
1	Thermoelectric gas sensors of different catalyst oxides and heater metals	Shin	Woosuck	AIST	Japan
2	Synthesis of Catalyst-Functaionalized Oxide Hollow Spheres ' 'for Gas Sensor Applications	Kim	Sun-Jung	Department of Materials Science and Engineering, Korea University	Korea
3	VOC Sensing Properties of CeO2 Thick Film Elements	Matsubara	Ichiro	National Institute of Advanced Industrial Science and Technology (AIST)	Japan
4	Polarity Determination of ZnO films by X-ray Diffraction using Anomalous Dispersion	Adachi	Yutaka	National Insititute for Materials Science	Japan
5	Aging effects of Pt, Pd, and Au loaded SnO2 as VOC sensors	Itoh	Toshio	National Institute of Advanced Industrial Science and Technology (AIST)	Japan
6	Colorimetric Detection of Metal ion using Various Polymers Capped Gold Nanoparticles	Roh	Jinkyu	Department of Chemical Engineering, Kwangwoon University	Korea
7	Amino acid mediated Solvothermal Synthesis of Oxide Nanostructures for Gas Sensor Applications	Choi	Kwon-Il	Department of Materials Science & Engineering, Korea University	Korea
8	Thickness Dependence of Sensing Performances of SnO2 Thin Films Prepared by Pulsed Laser Deposition	Ohgaki	Takeshi	National Institute for Materials Science	Japan

9	Parallel Observation of Different Biomolecular Recognition Events using a Multi-functional SAM Microarray	Shirahata	Naoto	National Institute for Materials Science	Japan
10	XAFS and XPS characterizations of Au/Co3O4 CO combustion catalyst ' 'integrated on micro gas sensor	Nishibori	Maiko	National Institute of Advanced Industrial Science and Technology (AIST)	Japan
11	Solution Synthesis of Various ZnO Nanostructures for Gas Sensor Applications	Kim	Kang-Min	Department of Materials Science & Engineering, Korea University	Korea
12	Development of Ceramics Oxygen Sensor for Material Irradiation Tests	KITAGISHI	SHIGERU	Japan Atomic Energy Agency	Japan
13	Solvothermal Synthesis of ZnO Spherical Particles and Gas Sensor Apprication	Saito	Noriko	National Institute for Materials Science	Japan
14	Properties of La-based Perovskite-Type Oxides as Electrode Catalyst for Zirconia Based NOx Sensor	Takahashi	Seiji	Japan Fine Ceramics Center	Japan
15	Fe2O3 hollow spheres prepared by solvothermal self assembly reaction and its gas sensing characterisics	Kim	Hyo-Joong	Department of Materials Science and Engineering, Korea University, Seoul 136-713	Korea
16	Microwave-Assisted Hydrothermal Synthesis and Characterization of Hausmannite Type Manganese Oxide	Cardoso	Celso	Universidade Estadual Paulista - UNESP/Presidente Prudente-SP	Brazil
17	Oxygen tracer diffusion Through Rreduced-BaTiO3 Ceramics	Watanabe	Ken	National Institute for Materials Science	Japan
18	Oxygen diffusion paths in non-doped BaTiO3 ceramics	Sakaguchi	Isao	National Institute for Materials Science	Japan
19	Optimization of an LSAM Electroceramic for use in an Oxygen Sensor	Kristen	Pappacena	Argonne National Laboratory	USA

20	Mechanoluminescent Film Sensor for Visualizing Ultrasonic Power Distribution	Zhan	Tianzhuo	Interdisciplinary Graduate School of Engineering Sciences, Kyushu University	Japan
21	Near Infra-Red Mechanoluminescence from Strontium Alminate Doped with Rare-Earth Ions	Terasawa	Yujin	Kyushu University	Japan
22	Implementation of Simple Statistical Pattern Recognition Methods for Malodor Classification using Gas Sensor Array	Byun	Hyung-Gi	School of Electronics, Information & Communication Eng. Kangwon National Univ.	Korea