Masanobu Matsuguchi

List of Publications by Year
in descending order

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20	294	933447 10	888059 17
papers	citations	h-index	g-index

20	20	20	268
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Porous gold nanomesh films electrodeposited in toluene-based dynamic soft template. Electrochimica Acta, 2022, 426, 140761.	5.2	2
2	A Highly Sensitive Ammonia Gas Sensor Using Micrometer-Sized Coreâ€“Shell-Type Spherical Polyaniline Particles. Sensors, 2021, 21, 7522.	3.8	10
3	Monolithic Au Nanoscale Films with Tunable Nanoporosity Prepared via Dynamic Soft Templating for Electrocatalytic Oxidation of Methanol. ACS Applied Nano Materials, 2020, 3, 7750-7760.	5.0	6
4	Humidity-Resistive Optical NO Gas Sensor Devices Based on Cobalt Tetraphenylporphyrin Dispersed in Hydrophobic Polymer Matrix. Sensors, 2020, 20, 1295.	3.8	5
5	Dynamic Soft Templating of Monolithic Au Thin Film Electrodeposited from Bicontinuous Microemulsion. ECS Meeting Abstracts, 2020, MA2020-02, 1485-1485.	0.0	0
6	A Flexible Ammonia Gas Sensor Based on a Grafted Polyaniline Grown on a Polydopamine-Coated Polymer Film. ECS Meeting Abstracts, 2020, MA2020-02, 3404-3404.	0.0	0
7	HCl Gas Sensor Coating Based on Poly(N-isopropylacrylamide) Nanoparticles Prepared from Water-Methanol Binary Solvent. Sensors, 2018, 18, 3283.	3.8	6
8	HCl gas adsorption/desorption properties of poly(N-isopropylacrylamide) brushes grafted onto quartz resonator for gas-sensing applications. Sensors and Actuators B: Chemical, 2015, 208, 106-111.	7.8	20
9	Poly(N-isopropylacrylamide) nanoparticles for QCM-based gas sensing of HCl. Sensors and Actuators B: Chemical, 2014, 190, 446-450.	7.8	24
10	Highly sensitive toluene vapor sensors using carbon black/aminoâ€functional copolymer composites. Journal of Applied Polymer Science, 2013, 127, 2529-2535.	2.6	10
11	Tolueneâ€vapor sorption of chemically modified methyl methacrylateâ€coâ€chloromethyl styrene copolymers with N,N,â€dimethylâ€1,3â€propanediamine measured with a quartz crystal microbalance. Journal of Applied Polymer Science, 2009, 111, 1086-1093.	2.6	3
12	Competitive sorption of water vapor and CO2 in photocrosslinked PVCA film for a capacitive-type humidity sensor. Journal of Applied Polymer Science, 2002, 83, 401-407.	2.6	6
13	Effect of crosslinking structure on sorption of CO2 in photocrosslinked PVCA film. Journal of Applied Polymer Science, 2000, 78, 1744-1750.	2.6	5
14	Drift Phenomenon of Capacitive-Type Relative Humidity Sensors in a Hot and Humid Atmosphere. Journal of the Electrochemical Society, 2000, 147, 2796.	2.9	15
15	A Capacitive-type Relative Humidity Sensor Having a Double Layer Structure Consisting of a Photocrosslinked PVCA and a PMMA Film. Electrochemistry, 1999, 67, 170-174.	1.4	10
16	Humidity Sensors Using Chemically Modified Polymer Thin Films. Electrochemistry, 1999, 67, 950-956.	1.4	13
17	Solvatochromic study of water sorption in polymer films. Journal of Applied Polymer Science, 1997, 63, 1681-1691.	2.6	15
18	A Humidity Sensor Using Polytetrafluoroethyleneâ€Graftâ€Quaternizedâ€Polyvinylpyridine. Journal of the Electrochemical Society, 1991, 138, 2474-2478.	2.9	65

#	Article	IF	Citations
19	A Humidity Sensor Using Crossâ€linked Quaternized Polyvinylpyridine. Journal of the Electrochemical Society, 1989, 136, 171-174.	2.9	79
20	Humidity sensor using porous ceramics.. Hyomen Kagaku, 1988, 9, 427-433.	0.0	0