Bartosz Wyszynski

List of Publications by Year
in descending order

22	154	1163117 8	1199594 12
papers	citations	h-index	g-index

22	22	22	143
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Linking biological and artificial olfaction: biomimetic quartz crystal microbalance odor sensors. IEEJ Transactions on Electrical and Electronic Engineering, 2009, 4, 334-338.	1.4	21
2	Recording and reproducing citrus flavors using odor recorder. Sensors and Actuators B: Chemical, 2005, 106, 388-393.	7.8	20
3	Improvement of ultrasonic atomizer method for deposition of gas-sensing film on QCM. Sensors and Actuators B: Chemical, 2007, 127, 253-259.	7.8	15
4	Chemisorbed PEGylated lipopolymers as sensing film supports for QCM odor sensors. Sensors and Actuators B: Chemical, 2008, 130, 857-863.	7.8	15
5	Realization of recording a wide range of odor by utilizing both of transient and steady-state sensor responses in recording process. Sensors and Actuators B: Chemical, 2007, 124, 557-563.	7.8	13
6	Mixed self-assembled lipopolymers with spacer lipids enhancing sensitivity of lipid-derivative QCMs for odor sensors. Sensors and Actuators B: Chemical, 2008, 134, 72-78.	7.8	12
7	Spherical SAW devices with self-assembled lipopolymers for odor-sensing. Sensors and Actuators B: Chemical, 2010, 144, 247-254.	7.8	12
8	Development of odor recorder with enhanced recording capabilities based on real-time mass spectrometry. Sensors and Actuators B: Chemical, 2009, 141, 141-146.	7.8	9
9	Stabilization of coating for QCM odor sensors with liquid GC materials supported by lipopolymers and lipids. Sensors and Actuators B: Chemical, 2013, 179, 81-86.	7.8	9
10	Study of odor recorder based on preconcentrator with variable temperature. Sensors and Actuators B: Chemical, 2007, 127, 392-398.	7.8	6
11	Study of PEG Tether Length of Pegylated-Lipid Sensing Films in QCM Odor Sensors. IEEJ Transactions on Sensors and Micromachines, 2007, 127, 165-169.	0.1	6
12	Reproduction of scent and video at remote site using odor sensing system and olfactory display together with camera. , 2008, , .		5
13	Self-Assembled Lipopolymers with Physisorbed Amphiphilic GC Materials for QCM Odor Sensors. IEEJ Transactions on Sensors and Micromachines, 2009, 129, 273-277.	0.1	5
14	Highly sensitive QCM odor sensors with lipopolymeric nanocomposites and physisorbed amphiphilic GC materials. Sensor Review, 2011, 31, 277-284.	1.8	2
15	Highly sensitive QCM odor-sensors functionalized with self-assembled lipid-derivatives and GC materials. , 2008, , .		1
16	Sensitivity Improvement of Odor Sensing System Using Ball SAW Devices. IEEJ Transactions on Sensors and Micromachines, 2008, 128, 487-492.	0.1	1
17	Odor Recorder Capable of Wide Dynamic Recordable Range Based on Higher Order Sensing and Signal Extraction Technique for Small Signal. IEEE Sensors Journal, 2009, 9, 93-102.	4.7	1
18	Odor sensing system using ball SAW devices functionalized with self-assembled lipid-derivatives and GC materials. , 2010, , .		1

#	Article	IF	Citations
19	PEG Lipopolymers as Coatings for QCM Odor Sensors. Effect of Tether's Chain-length. , 2006, , .		0
20	Odor sensing system using ball SAW devices functionalized with self-assembled lipopolymers. , 2007, , .		0
21	BIOMIMETIC MATERIALS AND MULTIVARIATE APPROACH TO ODOR SENSING. World Scientific Series in Nanoscience and Nanotechnology, 2014, , 475-507.	0.1	0
22	Odor Sensing Using Spherical Surface Acoustic Wave Sensors (Ball SAW Sensors) with Organic Sensing-Films. , 0, , 229-245.		0