

Takeshi Ito

List of Publications by Year in descending order

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21
docs citations

21
times ranked

275
citing authors

#	ARTICLE	IF	CITATIONS
1	Adhesion and bactericidal properties of nanostructured surfaces dependent on bacterial motility. RSC Advances, 2020, 10, 5673-5680.	3.6	39
2	Fabrication of highly sensitive QCM sensor using AAO nanoholes and its application in biosensing. Sensors and Actuators B: Chemical, 2018, 276, 534-539.	7.8	29
3	Highly sensitive and rapid sequential cortisol detection using twin sensor QCM. Analytical Methods, 2014, 6, 7469-7474.	2.7	27
4	Adhesion and Bactericidal Properties of a Wettability-Controlled Artificial Nanostructure. ACS Applied Nano Materials, 2018, 1, 5736-5741.	5.0	26
5	Fabrication and characterization of nano porous lattice biosensor using anodic aluminum oxide substrate. Japanese Journal of Applied Physics, 2017, 56, 06GG02.	1.5	13
6	Detection of Stress Hormone in the Milk for Animal Welfare Using QCM Method. Journal of Sensors, 2017, 2017, 1-7.	1.1	13
7	Detailed analysis of liposome adsorption and its rupture on the liquid-solid interface monitored by LSPR and QCM-D integrated sensor. Sensing and Bio-Sensing Research, 2021, 32, 100415.	4.2	11
8	Electrochemical impedance spectroscopy study of liposome adsorption and rupture on self-assembled monolayer: Effect of surface charge. Journal of Electroanalytical Chemistry, 2020, 878, 114572.	3.8	10
9	Sequential Analysis of β -Lactoglobulin for Allergen Check Using QCM with a Passive Flow System. Chemistry Letters, 2015, 44, 981-983.	1.3	9
10	Antibacterial Property of Si Nanopillar Array Fabricated Using Metal Assisted Etching; Mimic a Cicada Wing. ECS Transactions, 2017, 75, 1-5.	0.5	9
11	Bactericidal effect of nanostructures <i>via</i> lytic transglycosylases of <i>Escherichia coli</i> . RSC Advances, 2022, 12, 1645-1652.	3.6	8
12	Highly sensitive quartz crystal microbalance based biosensor using Au dendrite structure. Japanese Journal of Applied Physics, 2018, 57, 02CD01.	1.5	6
13	Single cell / real-time imaging of bactericidal effect on the nano-structural surface. Materials Today: Proceedings, 2019, 7, 497-500.	1.8	4
14	Nano-Honeycomb Electrode-Based QCM Sensor and Its Application for PPI Detection. IEEE Sensors Journal, 2019, 19, 4025-4030.	4.7	3
15	Antibacterial effect on microscale rough surface formed by fine particle bombarding. AMB Express, 2022, 12, 9.	3.0	2
16	ZnO Nanostructure Based QCM Sensor to Detect Ethanol at Room Temperature Fabricated by All Wet Process. Proceedings (mdpi), 2017, 1, 397.	0.2	1
17	Investigation of nanostructure-based bactericidal effect derived from a cicada wing by using QCM-D. Materials Today: Proceedings, 2019, 7, 492-496.	1.8	1
18	Time-Lapse imaging of bactericidal effect on nanostructural surface. , 2019, , .		1

#	ARTICLE	IF	CITATIONS
19	Multilevel resistance switching phenomena observed in the Cu (Ti)/HfO ₂ /Au device. , 2017, , .		0
20	Fabricating a Highly Sensitive QCM Sensor Using AAO Nanoholes and Its Application for Biosensing. Proceedings (mdpi), 2017, 1, 495.	0.2	0
21	Study on Effect of Hf Layer Thickness on Ti/Hf/HfO ₂ /Au ReRAM Device. , 2018, , .		0