

Takeshi Ito

List of Publications by Year in descending order

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papers

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citations

1040056

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docs citations

21
times ranked

275
citing authors

#	ARTICLE	IF	CITATIONS
1	Bactericidal effect of nanostructures <i>via</i> lytic transglycosylases of <i>Escherichia coli</i> . RSC Advances, 2022, 12, 1645-1652.	3.6	8
2	Antibacterial effect on microscale rough surface formed by fine particle bombarding. AMB Express, 2022, 12, 9.	3.0	2
3	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
4	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
5	Adhesion and bactericidal properties of nanostructured surfaces dependent on bacterial motility. RSC Advances, 2020, 10, 5673-5680.	3.6	39
6	Single cell / real-time imaging of bactericidal effect on the nano-structural surface. Materials Today: Proceedings, 2019, 7, 497-500.	1.8	4
7	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
8	Nano-Honeycomb Electrode-Based QCM Sensor and Its Application for PPI Detection. IEEE Sensors Journal, 2019, 19, 4025-4030.	4.7	3
9	Time-Lapse imaging of bactericidal effect on nanostructural surface. , 2019, , .		1
10	Highly sensitive quartz crystal microbalance based biosensor using Au dendrite structure. Japanese Journal of Applied Physics, 2018, 57, 02CD01.	1.5	6
11	Study on Effect of Hf Layer Thickness on Ti/Hf/HfO ₂ /Au ReRAM Device. , 2018, , .		0
12	Adhesion and Bactericidal Properties of a Wettability-Controlled Artificial Nanostructure. ACS Applied Nano Materials, 2018, 1, 5736-5741.	5.0	26
13	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
14	Antibacterial Property of Si Nanopillar Array Fabricated Using Metal Assisted Etching; Mimic a Cicada Wing. ECS Transactions, 2017, 75, 1-5.	0.5	9
15	Fabrication and characterization of nano porous lattice biosensor using anodic aluminum oxide substrate. Japanese Journal of Applied Physics, 2017, 56, 06GG02.	1.5	13
16	Multilevel resistance switching phenomena observed in the Cu (Ti)/HfO ₂ /Au device. , 2017, , .		0
17	Fabricating a Highly Sensitive QCM Sensor Using AAO Nanoholes and Its Application for Biosensing. Proceedings (mdpi), 2017, 1, 495.	0.2	0
18	Detection of Stress Hormone in the Milk for Animal Welfare Using QCM Method. Journal of Sensors, 2017, 2017, 1-7.	1.1	13

#	ARTICLE	IF	CITATIONS
19	ZnO Nanostructure Based QCM Sensor to Detect Ethanol at Room Temperature Fabricated by All Wet Process. Proceedings (mdpi), 2017, 1, 397.	0.2	1
20	Sequential Analysis of \hat{I}^2 -Lactoglobulin for Allergen Check Using QCM with a Passive Flow System. Chemistry Letters, 2015, 44, 981-983.	1.3	9
21	Highly sensitive and rapid sequential cortisol detection using twin sensor QCM. Analytical Methods, 2014, 6, 7469-7474.	2.7	27