Noriyuki Nakamura

List of Publications by Year
in descending order

37 papers	1,344 citations	516710 16 h-index	434195 31 g-index
37 all docs	37 docs citations	37 times ranked	1278 citing authors

#	Article	IF	Citations
1	Nanoneedle insertion into the cell nucleus does not induce double-strand breaks in chromosomal DNA. Journal of Bioscience and Bioengineering, 2013, 116, 391-396.	2.2	10
2	Evaluation of the actin cytoskeleton state using an antibody-functionalized nanoneedle and an AFM. Biosensors and Bioelectronics, 2013, 40, 3-9.	10.1	34
3	Formation of nanofilms on cell surfaces to improve the insertion efficiency of a nanoneedle into cells. Biochemical and Biophysical Research Communications, 2012, 420, 662-665.	2.1	10
4	Mechanical force-based probing of intracellular proteins from living cells using antibody-immobilized nanoneedles. Biosensors and Bioelectronics, 2012, 31, 323-329.	10.1	39
5	Successive detection of insulin-like growth factor-II bound to receptors on a living cell surface using an AFM. Journal of Molecular Recognition, 2011, 24, 17-22.	2.1	10
6	AFMã,'å^©ç"¨ã•–ãŸãƒŠãƒŽãƒ‹ãƒ¼ãƒ‰ãƒ«ã«ã,^ã,‹å•ä¸€ç´°èƒžæ"ä½œæã•è¨^æ¸¬. Electrochemistry, 2010, 78, 841-845.	1.4	0
7	The mechanical properties of a cell, as determined by its actin cytoskeleton, are important for nanoneedle insertion into a living cell. Cytoskeleton, 2010, 67, 496-503.	2.0	38
8	Development of a novel method to detect intrinsic mRNA in a living cell by using a molecular beacon-immobilized nanoneedle. Biosensors and Bioelectronics, 2010, 26, 1449-1454.	10.1	33
9	Monitoring of hormonal drug effect in a single breast cancer cell using an estrogen responsive GFP reporter vector delivered by a nanoneedle. Biosensors and Bioelectronics, 2009, 24, 1219-1222.	10.1	13
10	A Nanoneedle can be Inserted into a Living Cell without Any Mechanical Stress Inducing Calcium Ion Influx. Electrochemistry, 2008, 76, 586-589.	1.4	15
11	AFM Based Engineering for Single-Cell Analysis. ECS Meeting Abstracts, 2008, , .	0.0	0
12	High sensitivity detection of bisphenol A using liposome chromatography. Analytica Chimica Acta, 2006, 578, 43-49.	5.4	10
13	A molecular delivery system by using AFM and nanoneedle. Biosensors and Bioelectronics, 2005, 20, 2120-2125.	10.1	103
14	Detection of polychlorinated biphenyls using an antibody column in tandem with a fluorescent liposome column. Journal of Chromatography A, 2005, 1087, 229-235.	3.7	8
15	Direct Insertion of Proteins into a Living Cell Using an Atomic Force Microscope with a Nanoneedle. Nanobiotechnology, 2005, 1, 347-352.	1.2	17
16	Mechanical sensing of the penetration of various nanoneedles into a living cell using atomic force microscopy. Biosensors and Bioelectronics, 2005, 20, 1652-1655.	10.1	115
17	Nanoscale Operation of a Living Cell Using an Atomic Force Microscope with a Nanoneedle. Nano Letters, 2005, 5, 27-30.	9.1	321
18	Dioxin-Binding Pentapeptide for Use in a High-Sensitivity On-Bead Detection Assay. Analytical Chemistry, 2005, 77, 7750-7757.	6.5	19

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19	Gene expression using an ultrathin needle enabling accurate displacement and low invasiveness. Biochemical and Biophysical Research Communications, 2005, 332, 633-639.	2.1	112
20	Development of a herbicide biosensor using a peptide receptor screened from a combinatorial library. Journal of Molecular Catalysis B: Enzymatic, 2004, 28, 265-271.	1.8	13
21	Nanoscale fabrication of a peptide layer using an AFM probe. , 2004, 5593, 277.		1
22	Quartz crystal microbalance and electrochemical studies on the electrode modified by layer-by-layer multilayers of viologen polyelectrolytes. Electrochimica Acta, 2004, 49, 1491-1498.	5.2	10
23	Quartz crystal microbalance and electrochemical studies on the electrode modified by layer-by-layer multilayers of viologen polyelectrolytes. Electrochimica Acta, 2004, 49, 1491-1498.	5.2	14
24	Rapid and specific detection of herbicides using a self-assembled photosynthetic reaction center from purple bacterium on an SPR chip. Biosensors and Bioelectronics, 2003, 18, 599-603.	10.1	61
25	Lithographing of Biomolecules on a Substrate Surface Using an Enzyme-Immobilized AFM Tip. Nano Letters, 2003, 3, 1471-1474.	9.1	58
26	Quartz Crystal Microbalance and Electrochemical Studies on a Viologen Thiol Incorporated in Phospholipid Self-Assembled Monolayers. Langmuir, 2002, 18, 5804-5809.	3.5	28
27	Use of anion exchange resin-packed capillary column for rapid detection of anti-double-stranded DNA antibody in systemic lupus erythematosus serum. , 2000, 68, 571-575.		3
28	Electrochemical detection of allergen in small-volume whole blood using an array microelectrode: A simple method for detection of allergic reaction. , 1999, 65, 480-484.		14
29	Title is missing!. Biotechnology Letters, 1998, 12, 445-449.	0.5	2
30	Prevention of marine biofouling using a conductive paint electrode. , 1998, 59, 374-378.		62
31	Phosphorus accumulation by a marine photosynthetic bacterium, Chromatiumsp.. Biotechnology Letters, 1997, 19, 783-786.	2.2	6
32	Sulfated exopolysaccharide production by the halophilic cyanobacterium Aphanocapsa halophytia. Current Microbiology, 1995, 30, 219-222.	2.2	65
33	Production of ÃŽÂ³-linolenic acid from the marine green algaChlorellasp. NKG 042401. FEMS Microbiology Letters, 1993, 107, 163-167.	1.8	25
34	FLUOROIMMUNOASSAY FOR THE DETERMINATION OF ALLERGEN USING BACTERIAL MAGNETIC PARTICLES. Analytical Sciences, 1991, 7, 899-902.	1.6	5
35	Fiber-Optic Sensor with a Sandwich Binding Technique for Fluoroimmunoassay. Analytical Letters, 1991, 24, 1075-1084.	1.8	5
36	Phagocytosis of bacterial magnetite by leucocytes. Applied Microbiology and Biotechnology, 1989, 31, 401.	3.6	34

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37	Selective production of glutamate by an immobilized marine blue-green alga, Synechococcus sp.. Applied Microbiology and Biotechnology, 1988, 28, 373-376.	3.6	31