Hideyuki Terazono

List of Publications by Year
in descending order

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57	859	567281 15	477307 29
papers	citations	h-index	g-index

57	57	57	1202
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Adrenergic regulation of clock gene expression in mouse liver. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 6795-6800.	7.1	253
2	Daily Expression of mRNAs for the Mammalian Clock Genes Per2 and Clock in Mouse Suprachiasmatic Nuclei and Liver and Human Peripheral Blood Mononuclear Cells. The Japanese Journal of Pharmacology, 2002, 90, 263-269.	1.2	72
3	An on-chip imaging droplet-sorting system: a real-time shape recognition method to screen target cells in droplets with single cell resolution. Scientific Reports, 2017, 7, 40072.	3.3	65
4	Daily expression of clock genes in whole blood cells in healthy subjects and a patient with circadian rhythm sleep disorder. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2005, 289, R1273-R1279.	1.8	62
5	Influence of Feeding Schedule on 24-h Rhythm of Hepatotoxicity Induced by Acetaminophen in Mice. Journal of Pharmacology and Experimental Therapeutics, 2004, 311, 594-600.	2.5	61
6	Modulatory effects of 5-fluorouracil on the rhythmic expression of circadian clock genes: A possible mechanism of chemotherapy-induced circadian rhythm disturbances. Biochemical Pharmacology, 2008, 75, 1616-1622.	4.4	35
7	Development of 1480 nm Photothermal High-Speed Real-Time Polymerase Chain Reaction System for Rapid Nucleotide Recognition. Japanese Journal of Applied Physics, 2008, 47, 5212-5216.	1.5	31
8	Aldosterone induces circadian gene expression of clock genes in H9c2 cardiomyoblasts. Heart and Vessels, 2007, 22, 254-260.	1.2	29
9	Development of On-Chip Multi-Imaging Flow Cytometry for Identification of Imaging Biomarkers of Clustered Circulating Tumor Cells. PLoS ONE, 2014, 9, e104372.	2.5	25
10	Prednisolone retention in integrated liposomes by chemical approach and pharmaceutical approach. Journal of Controlled Release, 2004, 97, 211-218.	9.9	23
11	Fully Automated On-Chip Imaging Flow Cytometry System with Disposable Contamination-Free Plastic Re-Cultivation Chip. International Journal of Molecular Sciences, 2011, 12, 3618-3634.	4.1	22
12	Microtechnologies to fuel neurobiological research with nanometer precision. Journal of Nanobiotechnology, 2013, 11, 11.	9.1	19
13	Non-destructive on-chip imaging flow cell-sorting system for on-chip cellomics. Microfluidics and Nanofluidics, 2013, 14, 907-931.	2.2	17
14	Development of a High-Speed Real-Time Polymerase Chain Reaction System Using a Circulating Water-Based Rapid Heat-Exchange. Japanese Journal of Applied Physics, 2010, 49, 06GM05.	1.5	16
15	Labelling of live cells using fluorescent aptamers: binding reversal with DNA nucleases. Journal of Nanobiotechnology, 2010, 8, 8.	9.1	15
16	Postmortem changes in tissue concentrations of triazolam and diazepam in rats. Legal Medicine, 2004, 6, 224-232.	1.3	13
17	Cup-Shaped Superparamagnetic Hemispheres for Size-Selective Cell Filtration. Scientific Reports, 2015, 4, 6362.	3.3	13
18	Algorithm for the precise detection of single and cluster cells in microfluidic applications. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2016, 89, 731-741.	1.5	9

#	Article	IF	Citations
19	Pharmacokinetic/pharmacodynamic evaluation of teicoplanin against Staphylococcus aureus in a murine thigh infection model. Journal of Global Antimicrobial Resistance, 2021, 24, 83-87.	2.2	8
20	A Non-Destructive Culturing and Cell Sorting Method for Cardiomyocytes and Neurons Using a Double Alginate Layer. PLoS ONE, 2012, 7, e42485.	2.5	7
21	DNA Hybridization Efficiency on Concave Surface Nano-Structure in Hemispherical Janus Nanocups. Langmuir, 2014, 30, 1272-1280.	3.5	6
22	5-Aza-2-deoxycytidine Enhances the Sensitivity of 5-Fluorouracil by Demethylation of the Thymidine Phosphorylase Promoter. Anticancer Research, 2019, 39, 4129-4136.	1.1	6
23	Collagen Micro-Flow Channels as an forIn vitroBlood-Brain Barrier Model. Japanese Journal of Applied Physics, 2008, 47, 5208-5211.	1.5	5
24	Identification of cells using morphological information of bright field/fluorescent multi-imaging flow cytometer images. Japanese Journal of Applied Physics, 2014, 53, 06JL03.	1.5	5
25	Particle recognition in microfluidic applications using a template matching algorithm. Japanese Journal of Applied Physics, 2016, 55, 06GN05.	1.5	5
26	Production of Double-Layered Metal Nanocups for Artificial Nanospace of Biomolecular Reaction. Japanese Journal of Applied Physics, 2011, 50, 06GJ03.	1.5	5
27	Homogenous measurement during a circulation-water-based ultrahigh-speed polymerase chain reaction and melting curve analysis device. Japanese Journal of Applied Physics, 2014, 53, 06JM08.	1.5	4
28	Dosing Optimization of Ampicillin-Sulbactam Based on Cystatin C in Elderly Patients with Pneumonia. Biological and Pharmaceutical Bulletin, 2021, 44, 732-736.	1.4	3
29	High-Trough Plasma Concentration of Afatinib Is Associated with Dose Reduction. Cancers, 2021, 13, 3425.	3.7	3
30	Evaluation of a webâ€based educational programme for pharmacists during the COVIDâ€19 pandemic in Japan. Journal of Clinical Pharmacy and Therapeutics, 2021, 46, 1743-1749.	1.5	3
31	Highly Sensitive Detection of Target Biomolecules on Cell Surface Using Gold Nanoparticle Conjugated with Aptamer Probe. Japanese Journal of Applied Physics, 2012, 51, 06FH01.	1.5	3
32	Development of an integrated system for rapid detection of biological agents. , 2010, , .		2
33	Cell-Sorting System with On-Chip Imaging for Label-Free Shape-Based Selection of Cells. Japanese Journal of Applied Physics, 2012, 51, 06FK08.	1.5	2
34	Highly Sensitive Detection of Target Biomolecules on Cell Surface Using Gold Nanoparticle Conjugated with Aptamer Probe. Japanese Journal of Applied Physics, 2012, 51, 06FH01.	1.5	2
35	Temperature-Shift Speed Dependence of Nonspecific Amplification of Polymerase Chain Reaction Examined by 1480 nm Photothermal Transition Speed Controllable High-Speed Polymerase Chain Reaction System. Japanese Journal of Applied Physics, 2013, 52, 06GK02.	1.5	2
36	Fabrication of multilayered superparamagnetic particles based on sequential thermal deposition method. Japanese Journal of Applied Physics, 2014, 53, 06JJ01.	1.5	2

#	Article	IF	Citations
37	Development of a high-speed real-time PCR system for rapid and precise nucleotide recognition. , 2010, , .		1
38	Production of Double-Layered Metal Nanocups for Artificial Nanospace of Biomolecular Reaction. Japanese Journal of Applied Physics, 2011, 50, 06GJ03.	1.5	1
39	Development of impedance/external field potential dual measurement system for evaluation of electrophysiological properties of cells on microelectrodes. Japanese Journal of Applied Physics, 2015, 54, 06FN06.	1.5	1
40	Predictive lethal proarrhythmic risk evaluation using a closed-loop-circuit cell network with human induced pluripotent stem cells derived cardiomyocytes. Japanese Journal of Applied Physics, 2016, 55, 06GN07.	1.5	1
41	Depletion effect on concave microstructure upon size-specific target particle collection. Japanese Journal of Applied Physics, 2015, 54, 06FL02.	1.5	1
42	Evaluation of a Webinar for Pharmacists Learning Basic Clinical-Oncology during COVID-19 Pandemic in Japan. Biological and Pharmaceutical Bulletin, 2022, 45, 856-862.	1.4	1
43	2P491 Development of a novel cell sorting system based on image recognition and microfabrication technology (I) : System development(51. New methods and tools (II),Poster Session,Abstract,Meeting) Tj ETQq1 1 0.784314 rgBT /Ov		
44	1P265 Development of Rapid Real-Time Droplet PCR Method(Genome,Poster Presentations). Seibutsu Butsuri, 2007, 47, S89.	0.1	0
45	1P137 Simple repeatable noninvasive cell separation method using aptamer-conjugated magnetic microbeads and nuclease digestion(Nucleic acid,Poster Presentations). Seibutsu Butsuri, 2007, 47, S57.	0.1	0
46	1P-282 A Precise Measurement of DNA Polymerase Extension Rate Using Rapid Real-Time PCR Device(The) Tj ETQq0 0 0 rgBT /Overlock	0.1	0
47	Image-Based Identification of Single Neurons for Noninvasive Imaging Purification. Japanese Journal of Applied Physics, 2011, 50, 06GL07.	1.5	0
48	1P316 Development of On-chip Multi-imaging Flow Cytometer System using Real-time Bright Field/Fluorescent Dual Image Analysis High-speed Camera(28. Bioengineering,Poster). Seibutsu Butsuri, 2013, 53, S158.	0.1	0
49	2P287 Development of the cell imaging biomarker identification algorism for on-chip multi imaging cell sorter system(26. Measurements,Poster,The 52nd Annual Meeting of the Biophysical Society of) Tj ETQq1 1 0.784314 rgBT /Over		
50	2P289 Optimization of the cell encapsulation in the water in oil droplet using 3D printed object(26.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Butsuri, 2014, 54, S243.	0.1	0
51	2P318 Investigation of wide range optical set-up for simultaneous realtime analysis of 96-well SBS formatted samples(28. Bioengineering,Poster,The 52nd Annual Meeting of the Biophysical Society of) Tj ETQq1 1 0.784314 rgBT /Over		
52	Evaluation of imaging biomarkers for identification of single cancer cells in blood. Japanese Journal of Applied Physics, 2015, 54, 06FN04.	1.5	0
53	On-Chip Cellomics Technology: Soft Nanotechnology for Constructive Cell Network Research for Life Science, Drug Discovery, and Medical Diagnostics. Hyomen Kagaku, 2016, 37, 213-217.	0.0	0
54	Development of a microprocessing-assisted cell-systematic evolution of ligands by exponential enrichment method for human umbilical vein endothelial cells. Japanese Journal of Applied Physics, 2016, 55, 06GN03.	1.5	0

#	Article	IF	Citations
55	Control of Pressure-Driven Microdroplet Formation and Optimum Encapsulation in Microfluidic System. , 2019, , 181-193.		0
56	Contribution of Metal Layer Thickness for Quantitative Backscattered Electron Imaging of Field Emission Scanning Electron Microscopy. E-Journal of Surface Science and Nanotechnology, 2012, 10, 301-304.	0.4	0
57	2P290 Importance of spatial arrangement and community size on cardiomyocyte network for precise and stable in vitro drug screening measurement(26. Measurements,Poster). Seibutsu Butsuri, 2013, 53, S207.	0.1	0