

Hideyuki Terazono

List of Publications by Year in descending order

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57
papers

859
citations

567281

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57
all docs

57
docs citations

57
times ranked

1202
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of a Webinar for Pharmacists Learning Basic Clinical-Oncology during COVID-19 Pandemic in Japan. <i>Biological and Pharmaceutical Bulletin</i> , 2022, 45, 856-862.	1.4	1
2	Pharmacokinetic/pharmacodynamic evaluation of teicoplanin against <i>Staphylococcus aureus</i> in a murine thigh infection model. <i>Journal of Global Antimicrobial Resistance</i> , 2021, 24, 83-87.	2.2	8
3	Dosing Optimization of Ampicillin-Sulbactam Based on Cystatin C in Elderly Patients with Pneumonia. <i>Biological and Pharmaceutical Bulletin</i> , 2021, 44, 732-736.	1.4	3
4	High-Trough Plasma Concentration of Afatinib Is Associated with Dose Reduction. <i>Cancers</i> , 2021, 13, 3425.	3.7	3
5	Evaluation of a web-based educational programme for pharmacists during the COVID-19 pandemic in Japan. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 2021, 46, 1743-1749.	1.5	3
6	5-Aza-2-deoxycytidine Enhances the Sensitivity of 5-Fluorouracil by Demethylation of the Thymidine Phosphorylase Promoter. <i>Anticancer Research</i> , 2019, 39, 4129-4136.	1.1	6
7	Control of Pressure-Driven Microdroplet Formation and Optimum Encapsulation in Microfluidic System. , 2019, , 181-193.		0
8	An on-chip imaging droplet-sorting system: a real-time shape recognition method to screen target cells in droplets with single cell resolution. <i>Scientific Reports</i> , 2017, 7, 40072.	3.3	65
9	Predictive lethal proarrhythmic risk evaluation using a closed-loop-circuit cell network with human induced pluripotent stem cells derived cardiomyocytes. <i>Japanese Journal of Applied Physics</i> , 2016, 55, 06GN07.	1.5	1
10	On-Chip Cellomics Technology: Soft Nanotechnology for Constructive Cell Network Research for Life Science, Drug Discovery, and Medical Diagnostics. <i>Hyomen Kagaku</i> , 2016, 37, 213-217.	0.0	0
11	Development of a microprocessing-assisted cell-systematic evolution of ligands by exponential enrichment method for human umbilical vein endothelial cells. <i>Japanese Journal of Applied Physics</i> , 2016, 55, 06GN03.	1.5	0
12	Particle recognition in microfluidic applications using a template matching algorithm. <i>Japanese Journal of Applied Physics</i> , 2016, 55, 06GN05.	1.5	5
13	Algorithm for the precise detection of single and cluster cells in microfluidic applications. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2016, 89, 731-741.	1.5	9
14	Cup-Shaped Superparamagnetic Hemispheres for Size-Selective Cell Filtration. <i>Scientific Reports</i> , 2015, 4, 6362.	3.3	13
15	Evaluation of imaging biomarkers for identification of single cancer cells in blood. <i>Japanese Journal of Applied Physics</i> , 2015, 54, 06FN04.	1.5	0
16	Development of impedance/external field potential dual measurement system for evaluation of electrophysiological properties of cells on microelectrodes. <i>Japanese Journal of Applied Physics</i> , 2015, 54, 06FN06.	1.5	1
17	Depletion effect on concave microstructure upon size-specific target particle collection. <i>Japanese Journal of Applied Physics</i> , 2015, 54, 06FL02.	1.5	1
18	Development of On-Chip Multi-Imaging Flow Cytometry for Identification of Imaging Biomarkers of Clustered Circulating Tumor Cells. <i>PLoS ONE</i> , 2014, 9, e104372.	2.5	25

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19	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
20	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
21	Fabrication of multilayered superparamagnetic particles based on sequential thermal deposition method. Japanese Journal of Applied Physics, 2014, 53, 06JJ01.	1.5	2
22	DNA Hybridization Efficiency on Concave Surface Nano-Structure in Hemispherical Janus Nanocups. Langmuir, 2014, 30, 1272-1280.	3.5	6
23	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 /Overlock 10 TF 5	0.1	0
24	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
25	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 /Overlock 10 TF 5	0.1	0
26	Microtechnologies to fuel neurobiological research with nanometer precision. Journal of Nanobiotechnology, 2013, 11, 11.	9.1	19
27	Non-destructive on-chip imaging flow cell-sorting system for on-chip cellomics. Microfluidics and Nanofluidics, 2013, 14, 907-931.	2.2	17
28	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
29	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
30	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
31	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
32	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
33	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
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	3
35	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
36	Production of Double-Layered Metal Nanocups for Artificial Nanospace of Biomolecular Reaction. Japanese Journal of Applied Physics, 2011, 50, 06GJ03.	1.5	1

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37	Image-Based Identification of Single Neurons for Noninvasive Imaging Purification. Japanese Journal of Applied Physics, 2011, 50, 06GL07.	1.5	0
38	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
39	Production of Double-Layered Metal Nanocups for Artificial Nanospace of Biomolecular Reaction. Japanese Journal of Applied Physics, 2011, 50, 06GJ03.	1.5	5
40	Development of a high-speed real-time PCR system for rapid and precise nucleotide recognition. , 2010, , .		1
41	Development of an integrated system for rapid detection of biological agents. , 2010, , .		2
42	Labelling of live cells using fluorescent aptamers: binding reversal with DNA nucleases. Journal of Nanobiotechnology, 2010, 8, 8.	9.1	15
43	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
44	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
45	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
46	Collagen Micro-Flow Channels as an forIn vitroBlood-Brain Barrier Model. Japanese Journal of Applied Physics, 2008, 47, 5208-5211.	1.5	5
47	1P-282 A Precise Measurement of DNA Polymerase Extension Rate Using Rapid Real-Time PCR Device(The Tj ETQq1 1 0.784314 rgBT / Over	0.1	0
48	1P265 Development of Rapid Real-Time Droplet PCR Method(Genome,Poster Presentations). Seibutsu Butsuri, 2007, 47, S89.	0.1	0
49	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
50	Aldosterone induces circadian gene expression of clock genes in H9c2 cardiomyoblasts. Heart and Vessels, 2007, 22, 254-260.	1.2	29
51	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 0.784314ogBT / Over		
52	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
53	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
54	Prednisolone retention in integrated liposomes by chemical approach and pharmaceutical approach. Journal of Controlled Release, 2004, 97, 211-218.	9.9	23

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55	Postmortem changes in tissue concentrations of triazolam and diazepam in rats. <i>Legal Medicine</i> , 2004, 6, 224-232.	1.3	13
56	Adrenergic regulation of clock gene expression in mouse liver. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 6795-6800.	7.1	253
57	Daily Expression of mRNAs for the Mammalian Clock Genes <i>Per2</i> and <i>Clock</i> in Mouse Suprachiasmatic Nuclei and Liver and Human Peripheral Blood Mononuclear Cells. <i>The Japanese Journal of Pharmacology</i> , 2002, 90, 263-269.	1.2	72