

Hiroaki Suzuki

List of Publications by Year in descending order

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138
papers

3,491
citations

159585

30
h-index

149698

56
g-index

143
all docs

143
docs citations

143
times ranked

3228
citing authors

#	ARTICLE	IF	CITATIONS
1	Lipid Bilayer Formation by Contacting Monolayers in a Microfluidic Device for Membrane Protein Analysis. <i>Analytical Chemistry</i> , 2006, 78, 8169-8174.	6.5	443
2	Formation of Giant Lipid Vesiclelike Compartments from a Planar Lipid Membrane by a Pulsed Jet Flow. <i>Journal of the American Chemical Society</i> , 2007, 129, 12608-12609.	13.7	162
3	Coupling of the fusion and budding of giant phospholipid vesicles containing macromolecules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 5942-5947.	7.1	148
4	A Chaotic Mixer for Magnetic Bead-Based Micro Cell Sorter. <i>Journal of Microelectromechanical Systems</i> , 2004, 13, 779-790.	2.5	129
5	Cell-Free Protein Synthesis inside Giant Unilamellar Vesicles Analyzed by Flow Cytometry. <i>Langmuir</i> , 2012, 28, 8426-8432.	3.5	124
6	Multichannel Simultaneous Measurements of Single-Molecule Translocation in α -Hemolysin Nanopore Array. <i>Analytical Chemistry</i> , 2009, 81, 9866-9870.	6.5	103
7	Lipid Bilayer Microarray for Parallel Recording of Transmembrane Ion Currents. <i>Analytical Chemistry</i> , 2008, 80, 328-332.	6.5	101
8	Extrinsic spin Hall effects measured with lateral spin valve structures. <i>Physical Review B</i> , 2014, 89, .	3.2	96
9	Highly Reproducible Method of Planar Lipid Bilayer Reconstitution in Polymethyl Methacrylate Microfluidic Chip. <i>Langmuir</i> , 2006, 22, 1937-1942.	3.5	94
10	Quantitative Study of the Structure of Multilamellar Giant Liposomes As a Container of Protein Synthesis Reaction. <i>Langmuir</i> , 2008, 24, 13540-13548.	3.5	90
11	Population Analysis of Structural Properties of Giant Liposomes by Flow Cytometry. <i>Langmuir</i> , 2009, 25, 10439-10443.	3.5	89
12	Planar lipid bilayer reconstitution with a micro-fluidic system. <i>Lab on A Chip</i> , 2004, 4, 502.	6.0	85
13	Active control of an axisymmetric jet with distributed electromagnetic flap actuators. <i>Experiments in Fluids</i> , 2004, 36, 498-509.	2.4	82
14	Size control of giant unilamellar vesicles prepared from inverted emulsion droplets. <i>Journal of Colloid and Interface Science</i> , 2012, 376, 119-125.	9.4	78
15	Chaperone Properties of Mammalian Mitochondrial Translation Elongation Factor Tu. <i>Journal of Biological Chemistry</i> , 2007, 282, 4076-4084.	3.4	62
16	Programmed Vesicle Fusion Triggers Gene Expression. <i>Langmuir</i> , 2011, 27, 13082-13090.	3.5	62
17	Electrophysiological recordings of single ion channels in planar lipid bilayers using a polymethyl methacrylate microfluidic chip. <i>Biosensors and Bioelectronics</i> , 2007, 22, 1111-1115.	10.1	60
18	Cellular Compartment Model for Exploring the Effect of the Lipidic Membrane on the Kinetics of Encapsulated Biochemical Reactions. <i>Langmuir</i> , 2010, 26, 8544-8551.	3.5	60

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19	Detection of Association and Fusion of Giant Vesicles Using a Fluorescence-Activated Cell Sorter. <i>Langmuir</i> , 2010, 26, 15098-15103.	3.5	54
20	Stochasticity in Gene Expression in a Cell-Sized Compartment. <i>ACS Synthetic Biology</i> , 2015, 4, 566-576.	3.8	53
21	Single-cell RNA-seq analysis reveals penaeid shrimp hemocyte subpopulations and cell differentiation process. <i>ELife</i> , 2021, 10, .	6.0	53
22	In-Source and Postsource Decay in Negative-Ion Matrix-Assisted Laser Desorption/Ionization Time-of-Flight Mass Spectrometry of Neutral Oligosaccharides. <i>Analytical Chemistry</i> , 2005, 77, 1701-1707.	6.5	51
23	Importance of Parasite RNA Species Repression for Prolonged Translation-Coupled RNA Self-Replication. <i>Chemistry and Biology</i> , 2012, 19, 478-487.	6.0	48
24	Microtechnologies for membrane protein studies. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 2695-2702.	3.7	46
25	Microfluidic lipid membrane formation on microchamber arrays. <i>Lab on A Chip</i> , 2011, 11, 2485.	6.0	46
26	N-terminal labeling of proteins by the Pictet-Spengler reaction. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 4550-4553.	2.2	43
27	Ninety-six-well planar lipid bilayer chip for ion channel recording Fabricated by hybrid stereolithography. <i>Biomedical Microdevices</i> , 2009, 11, 17-22.	2.8	40
28	Constructing Partial Models of Cells. <i>Cold Spring Harbor Perspectives in Biology</i> , 2010, 2, a004945-a004945.	5.5	40
29	Impurity-induced gap renormalization in anisotropic superconductors: Mixed-state specific heat of $\text{La}_{2-x}\text{Sr}_x(\text{Cu}_{1-y}\text{Zn}_y)\text{O}_4$ and $\text{Y}(\text{Ni}_{1-x}\text{Pt}_x)_2\text{B}_2\text{C}$. <i>Physica C: Superconductivity and Its Applications</i> , 2000, 341-348, 2177-2180.	1.2	37
30	A comparative study of the fragmentation of neutral lactooligosaccharides in negative-ion mode by UV-MALDI-TOF and UV-MALDI ion-trap/TOF mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2006, 17, 67-74.	2.8	37
31	Origin of lognormal-like distributions with a common width in a growth and division process. <i>Physical Review E</i> , 2011, 83, 031118.	2.1	33
32	Synthesis of Functional Proteins Within Liposomes. <i>Methods in Molecular Biology</i> , 2010, 607, 243-256.	0.9	30
33	Hydrodynamic trapping of <i>Tetrahymena thermophila</i> for the long-term monitoring of cell behaviors. <i>Lab on A Chip</i> , 2012, 12, 3451.	6.0	30
34	Reverse Transcription Polymerase Chain Reaction in Giant Unilamellar Vesicles. <i>Scientific Reports</i> , 2018, 8, 9214.	3.3	30
35	Computationally and Experimentally Derived General Rules for Fragmentation of Various Glycosyl Bonds in Sodium Adduct Oligosaccharides. <i>Analytical Chemistry</i> , 2009, 81, 1108-1120.	6.5	29
36	Cell-free protein synthesis from a single copy of DNA in a glass microchamber. <i>Lab on A Chip</i> , 2012, 12, 2704.	6.0	29

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37	Semiquantitative analysis of isomeric oligosaccharides by negative-ion mode UV-MALDI TOF postsource decay mass spectrometry and their fragmentation mechanism study at N-acetyl hexosamine moiety. Journal of Mass Spectrometry, 2006, 41, 454-462.	1.6	28
38	Nonlocal effects and shrinkage of the vortex core radius in YNi ₂ B ₂ C probed by muon spin rotation. Physical Review B, 2002, 65, .	3.2	27
39	Effects of Compartment Size on the Kinetics of Intracompartamental Multimeric Protein Synthesis. ACS Synthetic Biology, 2012, 1, 431-437.	3.8	27
40	Deformation Modes of Giant Unilamellar Vesicles Encapsulating Biopolymers. ACS Synthetic Biology, 2018, 7, 739-747.	3.8	27
41	Quasiparticle Density of States of Clean and Dirty d-Wave Superconductors: Mixed-State Specific Heat of La _{2-x} Sr _x CuO ₄ Single Crystals. Journal of the Physical Society of Japan, 2000, 69, 1602-1605.	1.6	26
42	Liposome-Based Liquid Handling Platform Featuring Addition, Mixing, and Aliquoting of Femtoliter Volumes. PLoS ONE, 2014, 9, e101820.	2.5	26
43	A magnetic force driven chaotic micro-mixer. , 0, , .		25
44	A parylene lift-off process with microfluidic channels for selective protein patterning. Journal of Micromechanics and Microengineering, 2007, 17, 496-500.	2.6	25
45	Biomolecular linear motors confined to move upon micro-patterns on glass. Journal of Micromechanics and Microengineering, 2006, 16, 1550-1554.	2.6	24
46	Search for $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle H \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle / \rangle \langle \text{mml:none} \rangle$	2.9	23
47	Identification of giant unilamellar vesicles with permeability to small charged molecules. RSC Advances, 2014, 4, 35224.	3.6	23
48	Low-temperature specific heat study of SrCu ₂ (BO ₃) ₂ with an exactly solvable ground state. Journal of Experimental and Theoretical Physics, 2000, 90, 129-132.	0.9	21
49	Usefulness of cell-penetrating peptides and penetration accelerating sequence for nose-to-brain delivery of glucagon-like peptide-2. Journal of Controlled Release, 2021, 335, 575-583.	9.9	21
50	Cell-free Protein Synthesis in a Microchamber Revealed the Presence of an Optimum Compartment Volume for High-order Reactions. ACS Synthetic Biology, 2014, 3, 347-352.	3.8	20
51	Shrunk to femtolitre: Tuning high-throughput monodisperse water-in-oil droplet arrays for ultra-small micro-reactors. Applied Physics Letters, 2012, 101, 074108.	3.3	19
52	Specific heat study of SrCu ₂ (BO ₃) ₂ . Physica B: Condensed Matter, 2000, 281-282, 667-668.	2.7	18
53	Solid-phase fluorescence and ionization efficiency in negative-ion matrix-assisted laser desorption/ionization of neutral oligosaccharides: Interaction between I ² -carboline matrix and $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle I^2 \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ decay of the proton-rich nucleus $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle Si \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle / \rangle \langle \text{mml:none} \rangle$	2.8	17
54	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 24 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle$ and its mirror a	2.9	16

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55	Statistical analysis of discrete encapsulation of nanomaterials in colloidal capsules. Analytical Methods, 2012, 4, 1648.	2.7	15
56	Active Control of Axisymmetric Jet with an Array of Micro Electro-Magnetic Flap Actuators.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 1999, 65, 3644-3651.	0.2	14
57	Optimization of Matrix and Amount of Ammonium Chloride Additive for Effective Ionization of Neutral Oligosaccharides as Chloride Ion Adducts in Negative-Mode MALDI-TOF Mass Spectrometry. Journal of the Mass Spectrometry Society of Japan, 2005, 53, 227-229.	0.1	14
58	Electro-Optical Imaging Microscopy of Dye-Doped Artificial Lipidic Membranes. Biophysical Journal, 2009, 97, 2913-2921.	0.5	13
59	Bio-inspired three-dimensional self-patterning of functional coatings for PDMS microfluidics. Soft Matter, 2013, 9, 3473.	2.7	13
60	Shape Transformations of Lipid Vesicles by Insertion of Bulky-Head Lipids. PLoS ONE, 2015, 10, e0132963.	2.5	12
61	Breakup process for 100 MeV 3He interacting with 165Ho and 166, 167Er nuclei. Nuclear Physics A, 1984, 413, 290-310.	1.5	11
62	Detection and Analysis of Protein Synthesis and RNA Replication in Giant Liposomes. Methods in Enzymology, 2009, 464, 19-30.	1.0	11
63	Self-assembly of artificially manufactured microcomponents using the entropic effect. Sensors and Actuators A: Physical, 2017, 254, 43-53.	4.1	11
64	Energy and angular momentum transfers in equilibrium and pre-equilibrium 158Gd(Î±, xn) reactions. Nuclear Physics A, 1982, 379, 160-172.	1.5	9
65	Anomalous quasiparticle excitations in Y(Ni1âˆ²xPt _x)2B2C. Physica B: Condensed Matter, 2003, 326, 364-368.	2.7	9
66	One-step micromolding of complex 3D microchambers for single-cell analysis. Lab on A Chip, 2017, 17, 647-652.	6.0	9
67	A simple microfluidic device for live-imaging of the vertical section of epithelial cells. Analyst, The, 2020, 145, 667-674.	3.5	9
68	Experimental study of the knockout reaction mechanism using O at 60 MeV/nucleon. Physical Review C, 2016, 93, .	2.9	8
69	Anomalous field dependence of the vortex-core radius and magnetic penetration depth in YNi2B2C probed by $^{1/4}$ SR. Physica B: Condensed Matter, 2000, 289-290, 377-380.	2.7	7
70	Fractal-shaped microchannel design for a kinetic analysis of biochemical reaction in a delay line. Microfluidics and Nanofluidics, 2012, 13, 273-278.	2.2	7
71	Numerical and Experimental Analyses of Three- Dimensional Unsteady Flow around a Micro-Pillar Subjected to Rotational Vibration. Micromachines, 2018, 9, 668.	2.9	7
72	Fragmentation of Lewis-type trisaccharides in the gas phase: Experimental and theoretical studies. International Journal of Mass Spectrometry, 2008, 278, 1-9.	1.5	6

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73	Proton-rich nuclear structure and mirror asymmetry investigated by β^2 -decay spectroscopy of ^{24}Si . <i>Journal of Physics: Conference Series</i> , 2011, 312, 092031.	0.4	6
74	Ejection of Large Particulate Materials from Giant Unilamellar Vesicles Induced by Electropulsation. <i>Langmuir</i> , 2019, 35, 13196-13204.	3.5	6
75	Deformation Dynamics of Giant Unilamellar Vesicles in the Large Surface-to-Volume Ratio Regime: The Emergence of Neuron-like Morphology. <i>Langmuir</i> , 2020, 36, 6238-6244.	3.5	6
76	Plug-and-play microfluidic production of monodisperse giant unilamellar vesicles using droplet transfer across Water-Oil interface. <i>Sensors and Actuators B: Chemical</i> , 2022, 355, 131281.	7.8	6
77	Micro-droplet model for recursive growth and division dynamics of the cell. <i>Europhysics Letters</i> , 2011, 96, 48006.	2.0	5
78	Elucidating the Membrane Dynamics and Encapsulation Mechanism of Large DNA Molecules Under Molecular Crowding Conditions Using Giant Unilamellar Vesicles. <i>ACS Synthetic Biology</i> , 2020, 9, 2819-2827.	3.8	5
79	Beta-decay study of $T_z = -2$ proton-rich nucleus ^{24}Si . <i>European Physical Journal A</i> , 2009, 42, 375.	2.5	4
80	Statistical analysis of vesicle morphology dynamics based on a free energy landscape. <i>Soft Matter</i> , 2014, 10, 6038-6046.	2.7	4
81	Microchamber Device for Detection of Transporter Activity of Adherent Cells. <i>Frontiers in Bioengineering and Biotechnology</i> , 2015, 3, 32.	4.1	4
82	Fragmentation of Neutral Oligosaccharides in Negative-ion MALDI Mass Spectrometry. <i>Trends in Glycoscience and Glycotechnology</i> , 2006, 18, 277-292.	0.1	4
83	A Chaotic Micro-Mixer Using Magnetic Beads. 880-02 Nihon Kikai Gakkai Ronbunshu Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2003, 69, 2626-2632.	0.2	3
84	Microfluidic formation of lipid bilayer array for membrane transport analysis. <i>Proceedings of the IEEE International Conference on Micro Electro Mechanical Systems (MEMS)</i> , 2008, , .	0.0	3
85	Modification of an Amplification Reaction in Recursively Dynamic Compartments Driven by Stirring. <i>Analytical Chemistry</i> , 2013, 85, 12002-12010.	6.5	3
86	Polymer-Induced Self-Assembly of a Three-Dimensional Mesoscale Structure. <i>Journal of Microelectromechanical Systems</i> , 2019, 28, 678-684.	2.5	3
87	Selective self-assembly of three-component system based on hydrophilic/hydrophobic patterning. <i>Sensors and Actuators A: Physical</i> , 2020, 312, 112143.	4.1	3
88	Applying deterministic lateral displacement cell separation on immune cells of Marine shrimp. <i>Sensors and Actuators B: Chemical</i> , 2021, 347, 130587.	7.8	3
89	Controlled formation of topological defects of liquid crystals in micro-wells. <i>Liquid Crystals</i> , 2022, 49, 580-588.	2.2	3
90	Triple focussing electron spectrum selector (TESS-II) with a pair of sector magnets. <i>Nuclear Instruments & Methods in Physics Research</i> , 1982, 204, 101-108.	0.9	2

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91	Impurity-induced gap modification in anisotropic superconductors: mixed-state specific heat of $\text{La}_{2-x}\text{Sr}_x(\text{Cu}_{1-y}\text{Zn}_y)\text{O}_4$ and $\text{Y}(\text{Ni}_{1-x}\text{Pt}_x)_2\text{B}_2\text{C}$. <i>Physica C: Superconductivity and Its Applications</i> , 2001, 357-360, 42-45.	1.2	2
92	Biomolecular linear motors confined to move upon micropatterns on glass. , 0, , .		2
93	Selective bonding method for self-assembly of heterogeneous components using patterned surfaces. <i>Sensors and Actuators A: Physical</i> , 2018, 279, 306-312.	4.1	2
94	Assembly of Microparticles to Patterned Trenches Using the Depletion Volume Effect. <i>Micromachines</i> , 2019, 10, 428.	2.9	2
95	Sizing of giant unilamellar vesicles using a metal mesh with a high opening ratio. <i>Chemistry and Physics of Lipids</i> , 2021, 241, 105148.	3.2	2
96	Evolvability and Self-Replication of Genetic Information in Liposomes. , 2011, , 275-287.		2
97	Assignments of B-Type Fragments in Post-Source Decay of Negative-Ion Matrix-Assisted Laser Desorption/Ionization Time-of-Flight Mass Spectrometry of Neutral Lactooligosaccharides. <i>Journal of the Mass Spectrometry Society of Japan</i> , 2006, 54, 251-254.	0.1	2
98	Excess quasiparticles outside the vortex cores in $\text{Y}(\text{Ni}_{1-x}\text{Pt}_x)_2\text{B}_2\text{C}$. <i>Physica C: Superconductivity and Its Applications</i> , 2003, 388-389, 197-198.	1.2	1
99	Search for [^{sup 7}]H at RIKEN. , 2010, , .		1
100	Bio-inspired 3D self-patterning of functional coatings for PDMS microfluidics. , 2011, , .		1
101	Constructive Approaches for the Origin of Life. <i>Cellular Origin and Life in Extreme Habitats</i> , 2012, , 289-303.	0.3	1
102	A microwell device for measurement of membrane transport of adherent cells. , 2015, , .		1
103	Fracture characterization of inhomogeneous wrinkled metallic films deposited on soft substrates. <i>Journal Physics D: Applied Physics</i> , 2017, 50, 495301.	2.8	1
104	Formation process of planar lipid bilayer observed by confocal microscopy. , 0, , .		0
105	Characterization of the Membrane Transport Assay System Using Microchamber Array. , 2006, , .		0
106	Ultra Giant Vesicles out of a Planar Membrane. , 2006, , .		0
107	Supported lipid bilayer array to study clathrin mediated endocytosis in vitro. , 2007, , .		0
108	3P-275 Quantitative analysis of interactions between the phospholipid membrane and encapsulated reaction systems in cell-sized liposomes(The 46th Annual Meeting of the Biophysical Society of Japan). <i>Seibutsu Butsuri</i> , 2008, 48, S170.	0.1	0

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109	2S8-6 Dynamics of structure and internal reactions in liposomes explored by fluorescence-activated cell sorter(2S8 Giant Liposome Research Front Line,The 46th Annual Meeting of the Biophysical Society of Japan). Seibutsu Butsuri, 2008, 48, S170.	0.1	0
110	3P-277 Platform for controlling micro-emulsions as a model of growth and division cycle of the cell(The 46th Annual Meeting of the Biophysical Society of Japan). Seibutsu Butsuri, 2008, 48, S170.	0.1	0
111	Electro-optical imaging microscopy of dye doped lipid membrane. , 2009, , .		0
112	Investigation into behavior of weakly-bound proton via B(GT) measurement for the \hat{I}^2 decay of [²⁴ Si]. , 2009, , .		0
113	1P-183 Size control of uniamellar giant vesicle using microfluidics(Biol & Artifi memb.:Structure & Dynamics) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	0.1	0
114	1P342 1J1520 Diffusion Modeling of Controlled Shrinkage for Femtoliter Water-in-oil Emulsion(Bioengineering,Oral Presentations,The 48th Annual Meeting of the Biophysical Society of Japan) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.1	0
115	1P070 Co-translational folding of beta-galactosidase and beta-glucuronidase in an in vitro translation system(Protein:Property,The 48th Annual Meeting of the Biophysical Society of Japan). Seibutsu Butsuri, 2010, 50, S31.	0.1	0
116	2P250 Detection of association and fusion of giant vesicles using fluorescence-activated cell sorter(The 48th Annual Meeting of the Biophysical Society of Japan). Seibutsu Butsuri, 2010, 50, S126-S127.	0.1	0
117	Gamow-Teller transition of the proton-rich nucleus [²⁴ Si]. , 2010, , .		0
118	Mirror asymmetry for B(GT) of [²⁴ Si] induced by Thomas-Ehrman shift. , 2010, , .		0
119	In-situ generation and shrinkage of monodisperse water-in-oil emulsion for femtoliter compartmentalization using capillary traps. , 2011, , .		0
120	Origin of Cell Scenarios Supported by Dynamics of Lipid Membranes. Seibutsu Butsuri, 2013, 53, 134-139.	0.1	0
121	Self-assembly of microcomponents using the entropic effect. , 2015, , .		0
122	Self-assembly of multi-component microstructure using the entropic effect. , 2016, , .		0
123	Reagent Handling and Delivery System Using Cell-Sized Liposomes. , 2018, , .		0
124	A fluidics-based impact sensor. PLoS ONE, 2018, 13, e0195741.	2.5	0
125	A Pumpless Mixer for Efficient Capturing of Small Particles Utilizing Vibration-Induced Flow. , 2019, , .		0
126	Liposome-Mediated Material Transfer in Single Cells. , 2019, , 1-14.		0

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127	Templated Self-Assembly of Microcomponents Using Water-Oil Interface. , 2019, , .		0
128	A Microchamber Device for Evaluation of the Barrier Functions of Epithelial Cells. , 2020, , .		0
129	Efficient Production of Monodisperse Giant Unilamellar Vesicles by Transferring Across the W-O Interface. , 2021, , .		0
130	Sarcomere Shortening of Pluripotent Stem Cell-Derived Cardiomyocytes using Fluorescent-Tagged Sarcomere Proteins.. Journal of Visualized Experiments, 2021, , .	0.3	0
131	Microfluidic Cell Separation and Genetic Analysis of Kuruma Shrimp. , 2021, , .		0
132	Electro-Optical Imaging Microscopy of Dye Doped Lipid Bilayer. , 2009, , .		0
133	Reconstruction and Functional Measurement of Artificial Lipid Membranes using Micro-Technologies. Seibutsu Butsuri, 2009, 49, 086-087.	0.1	0
134	Coarse View of Life from Physics. Seibutsu Butsuri, 2012, 52, 098-099.	0.1	0
135	1C33 Volume Dependence of Cell-free Protein Synthesis Using a Glass Microchamber. The Proceedings of the Bioengineering Conference Annual Meeting of BED/JSME, 2014, 2014.26, 91-92.	0.0	0
136	DESIGN AND EVALUATION OF MICROMIXIER WITH LOW DEAD VOLUME BASED ON VIBRATION-INDUCED FLOW. , 2019, , .		0
137	Liposome-Mediated Material Transfer in Single Cells. , 2022, , 435-448.		0
138	Detection of nanoparticles in a minute sample using the vibration induced flow. , 2022, , .		0