

Satoshi Fujita

List of Publications by Year in descending order

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42
papers

809
citations

687363

13
h-index

501196

28
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43
all docs

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docs citations

43
times ranked

1339
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic Helical Microswimmers Functionalized with Lipoplexes for Targeted Gene Delivery. <i>Advanced Functional Materials</i> , 2015, 25, 1666-1671.	14.9	279
2	Artificial bacterial flagella functionalized with temperature-sensitive liposomes for controlled release. <i>Sensors and Actuators B: Chemical</i> , 2014, 196, 676-681.	7.8	109
3	Integrated analysis identifies different metabolic signatures for tumor-initiating cells in a murine glioblastoma model. <i>Neuro-Oncology</i> , 2014, 16, 1048-1056.	1.2	43
4	Discrimination of a single base change in a ribozyme using the gene for dihydrofolate reductase as a selective marker in <i>Escherichia coli</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 391-396.	7.1	32
5	A Novel Strategy by the Action of Ricin that Connects Phenotype and Genotype without Loss of the Diversity of Libraries. <i>Journal of the American Chemical Society</i> , 2002, 124, 538-543.	13.7	32
6	Development of super-dense transfected cell microarrays generated by piezoelectric inkjet printing. <i>Lab on A Chip</i> , 2013, 13, 77-80.	6.0	31
7	Identification of twinfilin-2 as a factor involved in neurite outgrowth by RNAi-based screen. <i>Biochemical and Biophysical Research Communications</i> , 2007, 363, 926-930.	2.1	28
8	On-chip screening method for cell migration genes based on a transfection microarray. <i>Lab on A Chip</i> , 2008, 8, 1502.	6.0	27
9	Method for reverse transfection using gold colloid as a nano-scaffold. <i>Journal of Bioscience and Bioengineering</i> , 2007, 103, 101-103.	2.2	24
10	Highly efficient reverse transfection with siRNA in multiple wells of microtiter plates. <i>Journal of Bioscience and Bioengineering</i> , 2007, 104, 329-333.	2.2	22
11	Increased hepatic inflammation in a normal-weight mouse after long-term high-fat diet feeding. <i>Journal of Toxicologic Pathology</i> , 2017, 31, 43-47.	0.7	17
12	Reverse transfection using antibodies against a cell surface antigen in mammalian adherent cell lines. <i>Journal of Bioscience and Bioengineering</i> , 2007, 104, 152-155.	2.2	15
13	Retinoic acid induces functional c-Ret tyrosine kinase in human neuroblastoma. <i>NeuroReport</i> , 2007, 18, 359-363.	1.2	13
14	Selection of an Active Enzyme by Phage Display on the Basis of the Enzyme's Catalytic Activity in vivo. <i>ChemBioChem</i> , 2005, 6, 315-321.	2.6	11
15	Expression of a chimeric CSF1R-LTK mediates ligand-dependent neurite outgrowth. <i>NeuroReport</i> , 2008, 19, 1733-1738.	1.2	11
16	Novel Approach for Linking Genotype to Phenotype in Vitro by Exploiting an Extremely Strong Interaction between RNA and Protein. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 1598-1606.	6.4	10
17	Specific 3'-Terminal Modification of DNA with a Novel Nucleoside Analogue that Allows a Covalent Linkage of a Nuclear Localization Signal and Enhancement of DNA Stability. <i>ChemBioChem</i> , 2005, 6, 297-303.	2.6	10
18	Label-Free Monitoring of Drug-Induced Cytotoxicity and Its Molecular Fingerprint by Live-Cell Raman and Autofluorescence Imaging. <i>Analytical Chemistry</i> , 2022, 94, 10019-10026.	6.5	9

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19	Transfection microarray and the applications. <i>Molecular BioSystems</i> , 2009, 5, 444.	2.9	8
20	Detection of Glutamate Encapsulated in Liposomes by Optical Trapping Raman Spectroscopy. <i>ACS Omega</i> , 2022, 7, 9701-9709.	3.5	8
21	Protein kinase A (PKA) inhibition reduces human aortic smooth muscle cell calcification stimulated by inflammatory response and inorganic phosphate. <i>Life Sciences</i> , 2018, 209, 466-471.	4.3	7
22	Onset timing of transient gene expression depends on cell division. <i>Journal of Bioscience and Bioengineering</i> , 2010, 109, 62-66.	2.2	6
23	A simple method for producing multiple copies of controlled release small molecule microarrays for cell-based screening. <i>Biofabrication</i> , 2017, 9, 011001.	7.1	6
24	Reverse Transfection Using Gold Nanoparticles. <i>Methods in Molecular Biology</i> , 2009, 544, 609-616.	0.9	6
25	Recent advances in research on biointerfaces: From cell surfaces to artificial interfaces. <i>Journal of Bioscience and Bioengineering</i> , 2022, , .	2.2	6
26	Reverse transfection in microchamber arrays for cell migration assays. <i>Sensors and Actuators B: Chemical</i> , 2014, 190, 896-899.	7.8	5
27	Macrophage Uptake Behavior and Anti-inflammatory Response of Bovine Brain- or Soybean-derived Phosphatidylserine Liposomes. <i>Journal of Oleo Science</i> , 2018, 67, 1131-1135.	1.4	5
28	Identification of kinases and regulatory proteins required for cell migration using a transfected cell-microarray system. <i>BMC Genetics</i> , 2015, 16, 9.	2.7	4
29	New Methods for Reverse Transfection with siRNA from a Solid Surface. <i>Methods in Molecular Biology</i> , 2010, 623, 197-209.	0.9	4
30	Transfection Microarrays for High-Throughput Phenotypic Screening of Genes Involved in Cell Migration. <i>Methods in Molecular Biology</i> , 2010, 629, 191-201.	0.9	4
31	Selection of a Catalytically Active Enzyme In Vivo Via Phage Display of its Product. <i>Letters in Drug Design and Discovery</i> , 2005, 2, 475-478.	0.7	3
32	Area-based analyzing technique at cell array experiment using neuronal cell line. <i>Nanobiotechnology</i> , 2006, 2, 95-100.	1.2	3
33	Deuterated Glutamate-Mediated Neuronal Activity on Micro-Electrode Arrays. <i>Micromachines</i> , 2020, 11, 830.	2.9	3
34	Ribosome-Inactivation Display System. , 2007, 352, 221-236.		2
35	Selection of a biotin protein ligase by phage display using a combination of in vitro selection and in vivo enzymatic activity. <i>Journal of Bioscience and Bioengineering</i> , 2009, 107, 230-234.	2.2	2
36	Pseudo-nuclear staining of cells by deep learning improves the accuracy of automated cell counting in a label-free cellular population. <i>Journal of Bioscience and Bioengineering</i> , 2021, 131, 213-218.	2.2	2

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37	Additional RNA-Protein Interactions Facilitate in vitro Selection by Ribosome Display. Chemistry Letters, 2005, 34, 26-27.	1.3	1
38	A system for analyzing the event timing profile of single cells by using a model of neurite maturation in PC12D cells. Biosensors and Bioelectronics, 2009, 24, 1493-1497.	10.1	1
39	Challenge of Organic Synthesis-toward the 21st Century. Mechanism of Action of a Hammerhead Ribozyme, a Metalloenzyme.. Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry, 1997, 55, 375-383.	0.1	0
40	A novel approach to selection of functional proteins. Nucleic Acids Symposium Series, 2001, 1, 253-254.	0.3	0
41	1P-326 Cellular dynamics by using single-cell time course analysis(The 46th Annual Meeting of the Tj ETQq1 1 0.784314 rgBT /Overl	0.1	0
42	Screening and identify of the siRNAs for sensitizing TRAIL-resistant HeLa cells. Journal of Bioscience and Bioengineering, 2009, 108, S149.	2.2	0