

# Shunsuke Furutani

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5308259/publications.pdf>

Version: 2024-02-01

21  
papers

242  
citations

1040056

9  
h-index

1058476

14  
g-index

21  
all docs

21  
docs citations

21  
times ranked

321  
citing authors

#	ARTICLE	IF	CITATIONS
1	Field-deployable rapid multiple biosensing system for detection of chemical and biological warfare agents. <i>Microsystems and Nanoengineering</i> , 2018, 4, .	7.0	43
2	Molecularly imprinted polymer nanogel-based fluorescence sensing of pork contamination in halal meat extracts. <i>Biosensors and Bioelectronics</i> , 2021, 172, 112775.	10.1	28
3	Compact disk (CD)-shaped device for single cell isolation and PCR of a specific gene in the isolated cell. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 2997-3004.	3.7	25
4	Detection of expressed gene in isolated single cells in microchambers by a novel hot cell-direct RT-PCR method. <i>Analyst, The</i> , 2012, 137, 2951.	3.5	24
5	Development of an on-site rapid real-time polymerase chain reaction system and the characterization of suitable DNA polymerases for TaqMan probe technology. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 5641-5649.	3.7	24
6	On-site identification of meat species in processed foods by a rapid real-time polymerase chain reaction system. <i>Meat Science</i> , 2017, 131, 56-59.	5.5	21
7	Detection of Salmonella Enterica in Egg Yolk by PCR on a Microfluidic Disc Device Using Immunomagnetic Beads. <i>Sensors</i> , 2020, 20, 1060.	3.8	21
8	Rapid Enzyme-linked Immunosorbent Assays for Diagnosis of Diabetes in a Compact Disc-shaped Microfluidic Device. <i>Analytical Sciences</i> , 2018, 34, 379-382.	1.6	11
9	Use of a novel microfluidic disk in the analysis of single-cell viability and the application to Jurkat cells. <i>Journal of Bioscience and Bioengineering</i> , 2011, 112, 98-101.	2.2	9
10	Rapid and Highly Sensitive Detection by a Real-time Polymerase Chain Reaction Using a Chip Coated with Its Reagents. <i>Analytical Sciences</i> , 2014, 30, 569-574.	1.6	9
11	Rapid Detection of Salmonella enterica in Food Using a Compact Disc-Shaped Device. <i>Micromachines</i> , 2016, 7, 10.	2.9	9
12	The Activity Determination of Single Cell by Isolation and Cultivation on a Centrifugal Flow Disk. <i>ECS Transactions</i> , 2009, 16, 1-8.	0.5	8
13	Single Cell Isolation on a Centrifugal Flow Disk with Integrated Tandem Microchambers. <i>Sensor Letters</i> , 2008, 6, 961-965.	0.4	7
14	Rapid DNA Sequencing Technology Based on the Sanger Method for Bacterial Identification. <i>Sensors</i> , 2022, 22, 2130.	3.8	3
15	Compact disc-type biosensor devices and their applications. , 2019, , 223-235.		0
16	Hot Cell-Direct PCR Aimed at Specific Cell Detection. , 0, , .		0
17	Clinical applications of micro/nano fluidic devices. <i>Denki Kagaku</i> , 2020, 88, 305-310.	0.0	0
18	Title is missing!. , 2020, 15, e0232518.		0

#	ARTICLE	IF	CITATIONS
19	Title is missing!. , 2020, 15, e0232518.		0
20	Title is missing!. , 2020, 15, e0232518.		0
21	Title is missing!.. , 2020, 15, e0232518.		0