

# Saburo Tsuru

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5832804/publications.pdf>

Version: 2024-02-01

23  
papers

477  
citations

687220

13  
h-index

713332

21  
g-index

27  
all docs

27  
docs citations

27  
times ranked

530  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental demonstration of operon formation catalyzed by insertion sequence. <i>Nucleic Acids Research</i> , 2022, 50, 1673-1686.	6.5	9
2	Development of an Automated UV Irradiation Device for Microbial Cell Culture. <i>SLAS Technology</i> , 2019, 24, 342-348.	1.0	2
3	Enhancement of K&Estrategy evolution in histidine utilization using a container with compartments. <i>Genes To Cells</i> , 2018, 23, 893-903.	0.5	1
4	Density-Dependent Recycling Promotes the Long-Term Survival of Bacterial Populations during Periods of Starvation. <i>MBio</i> , 2017, 8, .	1.8	41
5	Mutation accumulation under UV radiation in <i>Escherichia coli</i> . <i>Scientific Reports</i> , 2017, 7, 14531.	1.6	55
6	Nutrient&Edependent growth defects and mutability of mutators in <i>Escherichia coli</i> . <i>Genes To Cells</i> , 2015, 20, 68-76.	0.5	17
7	Genomic confirmation of nutrient&Edependent mutability of mutators in <i>Escherichia coli</i> . <i>Genes To Cells</i> , 2015, 20, 972-981.	0.5	12
8	Molecular Clock of Neutral Mutations in a Fitness-Increasing Evolutionary Process. <i>PLoS Genetics</i> , 2015, 11, e1005392.	1.5	13
9	Evolutionary Consequence of a Trade-Off between Growth and Maintenance along with Ribosomal Damages. <i>PLoS ONE</i> , 2015, 10, e0135639.	1.1	17
10	The propagation of perturbations in rewired bacterial gene networks. <i>Nature Communications</i> , 2015, 6, 10105.	5.8	19
11	Stochasticity in Gene Expression in a Cell-Sized Compartment. <i>ACS Synthetic Biology</i> , 2015, 4, 566-576.	1.9	53
12	Global coordination in adaptation to gene rewiring. <i>Nucleic Acids Research</i> , 2015, 43, 1304-1316.	6.5	17
13	Directed evolution of cell size in <i>Escherichia coli</i> . <i>BMC Evolutionary Biology</i> , 2014, 14, 257.	3.2	19
14	Gene expression scaled by distance to the genome replication site. <i>Molecular BioSystems</i> , 2014, 10, 375-379.	2.9	18
15	A reduced genome decreases the host carrying capacity for foreign DNA. <i>Microbial Cell Factories</i> , 2014, 13, 49.	1.9	13
16	Growth rate-coordinated transcriptome reorganization in bacteria. <i>BMC Genomics</i> , 2013, 14, 808.	1.2	44
17	Adaptation by stochastic switching of a monostable genetic circuit in <i>Escherichia coli</i> . <i>Molecular Systems Biology</i> , 2011, 7, 493.	3.2	22
18	Stochastic Switching Induced Adaptation in a Starved <i>Escherichia coli</i> Population. <i>PLoS ONE</i> , 2011, 6, e23953.	1.1	15

#	ARTICLE	IF	CITATIONS
19	Bacterial Cells Carrying Synthetic Dual-Function Operon Survived Starvation. Journal of Biomedicine and Biotechnology, 2011, 2011, 1-10.	3.0	8
20	3P213 Single Cell Analysis on a Synthetic Toggle Switch Sensitive to Environmental Perturbation(Cell) Tj ETQq0 0 0.rgBT /Overlock 10 T	0.9	0
21	Construction of Escherichia coli gene expression level perturbation collection. Metabolic Engineering, 2009, 11, 56-63.	3.6	30
22	Noisy cell growth rate leads to fluctuating protein concentration in bacteria. Physical Biology, 2009, 6, 036015.	0.8	51
23	2P-143 Stochastic gene expression induced population selection promotes adaptation to nutrient depletion(Cell biology,The 47th Annual Meeting of the Biophysical Society of Japan). Seibutsu Butsuri, 2009, 49, S128.	0.0	0