

# Daisuke Matsumoto

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8737820/publications.pdf>

Version: 2024-02-01

10  
papers

156  
citations

1478280

6  
h-index

1474057

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

265  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oscillating high-aspect-ratio monolithic silicon nanoneedle array enables efficient delivery of functional bio-macromolecules into living cells. <i>Scientific Reports</i> , 2015, 5, 15325.	1.6	57
2	Mechanoporation of living cells for delivery of macromolecules using nanoneedle array. <i>Journal of Bioscience and Bioengineering</i> , 2016, 122, 748-752.	1.1	25
3	A cell cycle-dependent CRISPR-Cas9 activation system based on an anti-CRISPR protein shows improved genome editing accuracy. <i>Communications Biology</i> , 2020, 3, 601.	2.0	23
4	Direct Delivery of Cas9-sgRNA Ribonucleoproteins into Cells Using a Nanoneedle Array. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 965.	1.3	19
5	Efficient and Orthogonal Transcription Regulation by Chemically Inducible Artificial Transcription Factors. <i>Biochemistry</i> , 2018, 57, 6452-6459.	1.2	10
6	TALEN-Based Chemically Inducible, Dimerization-Dependent, Sequence-Specific Nucleases. <i>Biochemistry</i> , 2020, 59, 197-204.	1.2	8
7	ATP-mediated Release of a DNA-binding Protein from a Silicon Nanoneedle Array. <i>Electrochemistry</i> , 2016, 84, 305-307.	0.6	6
8	DNA aptamers against FokI nuclease domain for genome editing applications. <i>Biosensors and Bioelectronics</i> , 2017, 93, 26-31.	5.3	6
9	Molecular Switch Engineering for Precise Genome Editing. <i>Bioconjugate Chemistry</i> , 2021, 32, 639-648.	1.8	2
10	Chemically-controlled orthogonal regulation of multiple endogenous genes. <i>FASEB Journal</i> , 2018, 32, .	0.2	0