

Naohiro Terasaka

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

463
citations

759233

12
h-index

839539

18
g-index

25
all docs

25
docs citations

25
times ranked

529
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution of a virus-like architecture and packaging mechanism in a repurposed bacterial protein. <i>Science</i> , 2021, 372, 1220-1224.	12.6	53
2	De novo peptide grafting to a self-assembling nanocapsule yields a hepatocyte growth factor receptor agonist. <i>Science</i> , 2021, 24, 103302.	4.1	9
3	Macrocyclic Peptide-Conjugated Tip for Fast and Selective Molecular Recognition Imaging by High-Speed Atomic Force Microscopy. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 54817-54829.	8.0	7
4	An aminoacylation ribozyme evolved from a natural tRNA-sensing T-box riboswitch. <i>Nature Chemical Biology</i> , 2020, 16, 702-709.	8.0	25
5	Macrocyclic Peptide-Mediated Blockade of the CD47-SIRP α Interaction as a Potential Cancer Immunotherapy. <i>Cell Chemical Biology</i> , 2020, 27, 1181-1191.e7.	5.2	32
6	Generation of non-standard macrocyclic peptides specifically binding TSC-22 homologous gene-1. <i>Biochemical and Biophysical Research Communications</i> , 2019, 516, 445-450.	2.1	4
7	Cytoplasmic glycoengineering enables biosynthesis of nanoscale glycoprotein assemblies. <i>Nature Communications</i> , 2019, 10, 5403.	12.8	36
8	Modular Protein Cages for Size-Selective RNA Packaging in Vivo. <i>Journal of the American Chemical Society</i> , 2018, 140, 566-569.	13.7	37
9	Laboratory evolution of virus-like nucleocapsids from nonviral protein cages. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 5432-5437.	7.1	61
10	Discovery of Human MicroRNA Precursor Binding to Folic Acid by Small RNA Transcriptomic SELEX. <i>Springer Theses</i> , 2017, , 13-42.	0.1	0
11	Orthogonal Ribosome-tRNAs Pair by Engineering of Peptidyl Transferase Center. <i>Springer Theses</i> , 2017, , 43-81.	0.1	0
12	tRid, an enabling method to isolate previously inaccessible small RNA fractions. <i>Methods</i> , 2016, 106, 105-111.	3.8	5
13	A human microRNA precursor binding to folic acid discovered by small RNA transcriptomic SELEX. <i>Rna</i> , 2016, 22, 1918-1928.	3.5	9
14	Recent Developments of Engineered Translational Machineries for the Incorporation of Non-Canonical Amino Acids into Polypeptides. <i>International Journal of Molecular Sciences</i> , 2015, 16, 6513-6531.	4.1	29
15	An orthogonal ribosome-tRNA pair via engineering of the peptidyl transferase center. <i>Nature Chemical Biology</i> , 2014, 10, 555-557.	8.0	70
16	Flexizymes-facilitated Genetic Code Reprogramming Leading to the Discovery of Drug-like Peptides. <i>Chemistry Letters</i> , 2014, 43, 11-19.	1.3	16
17	Crystallization and preliminary X-ray diffraction analysis of an archaeal tRNA-modification enzyme, TiaS, complexed with tRNA ^{Ala} and ATP. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2011, 67, 1414-1416.	0.7	1
18	The RNA origin of transfer RNA aminoacylation and beyond. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011, 366, 2959-2964.	4.0	23

#	ARTICLE	IF	CITATIONS
19	Structural basis of tRNA agmatinylation essential for AUA codon decoding. Nature Structural and Molecular Biology, 2011, 18, 1275-1280.	8.2	25
20	Biogenesis of 2-agmatinylcytidine catalyzed by the dual protein and RNA kinase TiaS. Nature Structural and Molecular Biology, 2011, 18, 1268-1274.	8.2	21