Naohiro Terasaka

List of Publications by Year
in descending order

20	463	759233 12	839539 18
papers	citations	h-index	g-index

25	25	25	529
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An orthogonal ribosome-tRNA pair via engineering of the peptidyl transferase center. Nature Chemical Biology, 2014, 10, 555-557.	8.0	70
2	Laboratory evolution of virus-like nucleocapsids from nonviral protein cages. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 5432-5437.	7.1	61
3	Evolution of a virus-like architecture and packaging mechanism in a repurposed bacterial protein. Science, 2021, 372, 1220-1224.	12.6	53
4	Modular Protein Cages for Size-Selective RNA Packaging in Vivo. Journal of the American Chemical Society, 2018, 140, 566-569.	13.7	37
5	Cytoplasmic glycoengineering enables biosynthesis of nanoscale glycoprotein assemblies. Nature Communications, 2019, 10, 5403.	12.8	36
6	Macrocyclic Peptide-Mediated Blockade of the CD47-SIRPÎ± Interaction as a Potential Cancer Immunotherapy. Cell Chemical Biology, 2020, 27, 1181-1191.e7.	5.2	32
7	Recent Developments of Engineered Translational Machineries for the Incorporation of Non-Canonical Amino Acids into Polypeptides. International Journal of Molecular Sciences, 2015, 16, 6513-6531.	4.1	29
8	Structural basis of tRNA agmatinylation essential for AUA codon decoding. Nature Structural and Molecular Biology, 2011, 18, 1275-1280.	8.2	25
9	An aminoacylation ribozyme evolved from a natural tRNA-sensing T-box riboswitch. Nature Chemical Biology, 2020, 16, 702-709.	8.0	25
10	The RNA origin of transfer RNA aminoacylation and beyond. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 2959-2964.	4.0	23
11	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
12	Flexizymes-facilitated Genetic Code Reprogramming Leading to the Discovery of Drug-like Peptides. Chemistry Letters, 2014, 43, 11-19.	1.3	16
13	A human microRNA precursor binding to folic acid discovered by small RNA transcriptomic SELEX. Rna, 2016, 22, 1918-1928.	3.5	9
14	De novo peptide grafting to a self-assembling nanocapsule yields a hepatocyte growth factor receptor agonist. IScience, 2021, 24, 103302.	4.1	9
15	Macrocyclic Peptide-Conjugated Tip for Fast and Selective Molecular Recognition Imaging by High-Speed Atomic Force Microscopy. ACS Applied Materials & Interfaces, 2021, 13, 54817-54829.	8.0	7
16	tRid, an enabling method to isolate previously inaccessible small RNA fractions. Methods, 2016, 106, 105-111.	3.8	5
17	Generation of non-standard macrocyclic peptides specifically binding TSC-22 homologous gene-1. Biochemical and Biophysical Research Communications, 2019, 516, 445-450.	2.1	4
18	Crystallization and preliminary X-ray diffraction analysis of an archaeal tRNA-modification enzyme, TiaS, complexed with tRNAIle2and ATP. Acta Crystallographica Section F: Structural Biology Communications, 2011, 67, 1414-1416.	0.7	1

#	Article	IF	Citations
19	Discovery of Human MicroRNA Precursor Binding to Folic Acid by Small RNA Transcriptomic SELEX. Springer Theses, 2017, , 13-42.	0.1	0
20	Orthogonal Ribosomeâ€“tRNAs Pair by Engineering of Peptidyl Transferase Center. Springer Theses, 2017, , 43-81.	0.1	0