

David M Shechner

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2669602/publications.pdf>

Version: 2024-02-01

12
papers

1,170
citations

932766

10
h-index

1199166

12
g-index

17
all docs

17
docs citations

17
times ranked

1852
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiplexable, locus-specific targeting of long RNAs with CRISPR-Display. <i>Nature Methods</i> , 2015, 12, 664-670.	9.0	268
2	Chromatin environment, transcriptional regulation, and splicing distinguish lincRNAs and mRNAs. <i>Genome Research</i> , 2017, 27, 27-37.	2.4	207
3	Live-cell mapping of organelle-associated RNAs via proximity biotinylation combined with protein-RNA crosslinking. <i>ELife</i> , 2017, 6, .	2.8	143
4	Crystal Structure of the Catalytic Core of an RNA-Polymerase Ribozyme. <i>Science</i> , 2009, 326, 1271-1275.	6.0	120
5	Directed Evolution of Split APEX2 Peroxidase. <i>ACS Chemical Biology</i> , 2019, 14, 619-635.	1.6	113
6	High-throughput identification of <scp>RNA</scp> nuclear enrichment sequences. <i>EMBO Journal</i> , 2018, 37, .	3.5	99
7	A portable RNA sequence whose recognition by a synthetic antibody facilitates structural determination. <i>Nature Structural and Molecular Biology</i> , 2011, 18, 100-106.	3.6	75
8	Spatiotemporal allele organization by allele-specific CRISPR live-cell imaging (SNP-CLING). <i>Nature Structural and Molecular Biology</i> , 2018, 25, 176-184.	3.6	75
9	The structural basis of RNA-catalyzed RNA polymerization. <i>Nature Structural and Molecular Biology</i> , 2011, 18, 1036-1042.	3.6	41
10	A class I ligase ribozyme with reduced Mg ²⁺ dependence: Selection, sequence analysis, and identification of functional tertiary interactions. <i>Rna</i> , 2009, 15, 2129-2146.	1.6	18
11	â€Morphsâ€™™ (MRFs): metal-reversible folding domains for differential IgG binding. <i>Chemistry and Biology</i> , 2001, 8, 1221-1229.	6.2	3
12	Targeting Noncoding RNA Domains to Genomic Loci with CRISPR-Display: Guidelines for Designing, Building, and Testing sgRNAâ€“ncRNA Expression Constructs. <i>Methods in Molecular Biology</i> , 2021, 2162, 115-152.	0.4	0