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List of Publications by Year
in descending order

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Version: 2024-02-01

22 papers	3,099 citations	567281 15 h-index	677142 22 g-index
46 all docs	46 docs citations	46 times ranked	4607 citing authors

#	Article	IF	Citations
1	Ribosome Profiling Shows That miR-430 Reduces Translation Before Causing mRNA Decay in Zebrafish. Science, 2012, 336, 233-237.	12.6	629
2	Identification of small ORFs in vertebrates using ribosome footprinting and evolutionary conservation. EMBO Journal, 2014, 33, 981-993.	7.8	587
3	Nanog, Pou5f1 and SoxB1 activate zygotic gene expression during the maternal-to-zygotic transition. Nature, 2013, 503, 360-364.	27.8	399
4	Upstream <scp>ORF</scp>s are prevalent translational repressors in vertebrates. EMBO Journal, 2016, 35, 706-723.	7.8	288
5	Codon identity regulates <scp>mRNA</scp> stability and translation efficiency during the maternalâ€toâ€zygotic transition. EMBO Journal, 2016, 35, 2087-2103.	7.8	236
6	Translation affects mRNA stability in a codon-dependent manner in human cells. ELife, 2019, 8, .	6.0	169
7	Overexpression of snakinâ€1 gene enhances resistance to Rhizoctonia solani and Erwinia carotovora in transgenic potato plants. Molecular Plant Pathology, 2008, 9, 329-338.	4.2	134
8	CRISPR-Cas13d Induces Efficient mRNA Knockdown in Animal Embryos. Developmental Cell, 2020, 54, 805-817.e7.	7.0	134
9	Brd4 and P300 Confer Transcriptional Competency during Zygotic Genome Activation. Developmental Cell, 2019, 49, 867-881.e8.	7.0	108
10	Standardized annotation of translated open reading frames. Nature Biotechnology, 2022, 40, 994-999.	17.5	86
11	Translation of small downstream ORFs enhances translation of canonical main open reading frames. EMBO Journal, 2020, 39, e104763.	7.8	79
12	Optimized CRISPRâ€“Cas9 System for Genome Editing in Zebrafish. Cold Spring Harbor Protocols, 2016, 2016, pdb.prot086850.	0.3	67
13	Metabolic and miRNA Profiling of TMV Infected Plants Reveals Biphasic Temporal Changes. PLoS ONE, 2011, 6, e28466.	2.5	59
14	Crosstalk between codon optimality and cis-regulatory elements dictates mRNA stability. Genome Biology, 2021, 22, 14.	8.8	33
15	Citrus psorosis virus 24<scp>K</scp> protein interacts with citrus <scp>miRNA</scp> precursors, affects their processing and subsequent <scp>miRNA</scp> accumulation and target expression. Molecular Plant Pathology, 2016, 17, 317-329.	4.2	26
16	iCodon customizes gene expression based on the codon composition. Scientific Reports, 2022, 12, .	3.3	11
17	Optimization Strategies for the CRISPRâ€“Cas9 Genome-Editing System. Cold Spring Harbor Protocols, 2016, 2016, pdb.top090894.	0.3	8
18	Optimized CRISPR-RfxCas13d system for RNA targeting in zebrafish embryos. STAR Protocols, 2022, 3, 101058.	1.2	8

#	Article	IF	Citations
19	Systems to study codon effect on post-transcriptional regulation of gene expression. Methods, 2018, 137, 82-89.	3.8	7
20	MicroRNAs Sculpt Gene Expression in Embryonic Development: New Insights from Plants. Developmental Cell, 2011, 20, 3-4.	7.0	5
21	Poly(A) tails: longer is not always better. Nature Structural and Molecular Biology, 2017, 24, 1010-1011.	8.2	5
22	When LIN41 Comes to a Fork in the Road, It Takes BOTH Paths: Translational Repression OR mRNA Decay, Depending on the Target Site Position. Molecular Cell, 2017, 65, 375-377.	9.7	1