

Oliver Rossbach

List of Publications by Citations

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Version: 2024-04-10

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22 papers	1,519 citations	13 h-index	23 g-index
23 ext. papers	1,953 ext. citations	9.8 avg, IF	4.63 L-index

#	Paper	IF	Citations
22	Exon circularization requires canonical splice signals. <i>Cell Reports</i> , 2015 , 10, 103-11	10.6	481
21	An RNAi-Based Control of Fusarium graminearum Infections Through Spraying of Long dsRNAs Involves a Plant Passage and Is Controlled by the Fungal Silencing Machinery. <i>PLoS Pathogens</i> , 2016 , 12, e1005901	7.6	255
20	Adenosine-to-inosine RNA editing controls cathepsin S expression in atherosclerosis by enabling HuR-mediated post-transcriptional regulation. <i>Nature Medicine</i> , 2016 , 22, 1140-1150	50.5	155
19	The lncRNA GATA6-AS epigenetically regulates endothelial gene expression via interaction with LOXL2. <i>Nature Communications</i> , 2018 , 9, 237	17.4	119
18	CircRNA-protein complexes: IMP3 protein component defines subfamily of circRNPs. <i>Scientific Reports</i> , 2016 , 6, 31313	4.9	96
17	Auto- and cross-regulation of the hnRNP L proteins by alternative splicing. <i>Molecular and Cellular Biology</i> , 2009 , 29, 1442-51	4.8	95
16	Functional sequestration of microRNA-122 from Hepatitis C Virus by circular RNA sponges. <i>RNA Biology</i> , 2018 , 15, 1032-1039	4.8	77
15	Crosslinking-immunoprecipitation (iCLIP) analysis reveals global regulatory roles of hnRNP L. <i>RNA Biology</i> , 2014 , 11, 146-55	4.8	73
14	Auto-regulatory feedback by RNA-binding proteins. <i>Journal of Molecular Cell Biology</i> , 2019 , 11, 930-939	6.3	33
13	Signals Involved in Regulation of Hepatitis C Virus RNA Genome Translation and Replication. <i>Frontiers in Microbiology</i> , 2018 , 9, 395	5.7	25
12	Northern Blot Analysis of Circular RNAs. <i>Methods in Molecular Biology</i> , 2018 , 1724, 119-133	1.4	24
11	Artificial Circular RNA Sponges Targeting MicroRNAs as a Novel Tool in Molecular Biology. <i>Molecular Therapy - Nucleic Acids</i> , 2019 , 17, 452-454	10.7	18
10	Long Noncoding RNA TYKRIL Plays a Role in Pulmonary Hypertension via the p53-mediated Regulation of PDGFR. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 202, 1445-1457	10.2	17
9	Cellular Gene Expression during Hepatitis C Virus Replication as Revealed by Ribosome Profiling. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	11
8	Production and Purification of Artificial Circular RNA Sponges for Application in Molecular Biology and Medicine. <i>Methods and Protocols</i> , 2020 , 3,	2.5	9
7	Genome-wide RNA-binding analysis of the trypanosome U1 snRNP proteins U1C and U1-70K reveals cis/trans-spliceosomal network. <i>Nucleic Acids Research</i> , 2014 , 42, 6603-15	20.1	9
6	Epigenetic therapy of novel tumour suppressor ZAR1 and its cancer biomarker function. <i>Clinical Epigenetics</i> , 2019 , 11, 182	7.7	9

5	Drosophila Sister-of-Sex-lethal reinforces a male-specific gene expression pattern by controlling Sex-lethal alternative splicing. <i>Nucleic Acids Research</i> , 2019 , 47, 2276-2288	20.1	5
4	System-wide analyses of the fission yeast poly(A) RNA interactome reveal insights into organization and function of RNA-protein complexes. <i>Genome Research</i> , 2020 , 30, 1012-1026	9.7	3
3	Synthetic circular miR-21 RNA decoys enhance tumor suppressor expression and impair tumor growth in mice. <i>NAR Cancer</i> , 2020 , 2, zcaa014	5.2	3
2	iCLIP analysis of RNA substrates of the archaeal exosome. <i>BMC Genomics</i> , 2020 , 21, 797	4.5	1
1	What goes around comes around: artificial circular RNAs bypass cellular antiviral responses.. <i>Molecular Therapy - Nucleic Acids</i> , 2022 ,	10.7	1