Mathieu Rederstorff

List of Publications by Year
in descending order

33 papers	1,305 citations	471509 17 h-index	361022 35 g-index
40 all docs	40 docs citations	40 times ranked	1732 citing authors

#	Article	IF	Citations
1	The interaction between RPAP3 and TRBP reveals a possible involvement of the HSP90/R2TP chaperone complex in the regulation of miRNA activity. Nucleic Acids Research, 2022, 50, 2172-2189.	14.5	4
2	Gene Reporter Assays to Study miRNA Function. Methods in Molecular Biology, 2021, 2300, 119-131.	0.9	3
3	RNA Precipitation. Methods in Molecular Biology, 2021, 2300, 11-16.	0.9	1
4	Regulatory Non-Coding RNAs: An Overview. Methods in Molecular Biology, 2021, 2300, 3-9.	0.9	8
5	Identification of oxytocin-related lncRNAs and assessment of their expression in breast cancer. Scientific Reports, 2021, 11, 6471.	3.3	9
6	Stem-Loop qRT-PCRâ€“Based Quantification of miRNAs. Methods in Molecular Biology, 2021, 2300, 59-64.	0.9	4
7	Synergistic defects in pre-rRNA processing from mutations in the U3-specific protein Rrp9 and U3 snoRNA. Nucleic Acids Research, 2020, 48, 3848-3868.	14.5	14
8	SnoRNAs and the emerging class of sdRNAs: Multifaceted players in oncogenesis. Biochimie, 2019, 164, 17-21.	2.6	24
9	Small Non-Coding RNAs: A Quick Look in the Rearview Mirror. Methods in Molecular Biology, 2015, 1296, 3-9.	0.9	9
10	Stem-Loop RT-PCR Based Quantification of Small Non-Coding RNAs. Methods in Molecular Biology, 2015, 1296, 103-108.	0.9	37
11	Dual Luciferase Gene Reporter Assays to Study miRNA Function. Methods in Molecular Biology, 2015, 1296, 187-198.	0.9	92
12	Gene Expression Knockdown by Transfection of siRNAs into Mammalian Cells. Methods in Molecular Biology, 2015, 1296, 199-202.	0.9	3
13	Alcoholic Precipitation of Small Non-Coding RNAs. Methods in Molecular Biology, 2015, 1296, 11-16.	0.9	6
14	Identification of differentially expressed non-coding RNAs in embryonic stem cell neural differentiation. Nucleic Acids Research, 2012, 40, 6001-6015.	14.5	52
15	Identification of differentially expressed non-coding RNAs in embryonic stem cell neural differentiation. Nucleic Acids Research, 2012, 40, 9980-9980.	14.5	1
16	Generation of cDNA Libraries from RNP-Derived Regulatory Noncoding RNAs. Methods in Molecular Biology, 2012, 925, 211-218.	0.9	1
17	Expression Profiling of a Heterogeneous Population of ncRNAs Employing a Mixed DNA/LNA Microarray. Journal of Nucleic Acids, 2012, 2012, 1-10.	1.2	2
18	Expression Profiling of ncRNAs Employing RNP Libraries and Custom LNA/DNA Microarray Analysis. , 2012, , 229-251.		0

#	Article	IF	Citations
19	Increased Muscle Stress-Sensitivity Induced by Selenoprotein N Inactivation in Mouse: A Mammalian Model for SEPN1-Related Myopathy. PLoS ONE, 2011, 6, e23094.	2.5	61
20	cDNA library generation from ribonucleoprotein particles. Nature Protocols, 2011, 6, 166-174.	12.0	22
21	Direct cloning of double-stranded RNAs from RNase protection analysis reveals processing patterns of C/D box snoRNAs and provides evidence for widespread antisense transcript expression. Nucleic Acids Research, 2011, 39, 9720-9730.	14.5	35
22	Satellite cell loss and impaired muscle regeneration in selenoprotein N deficiency. Human Molecular Genetics, 2011, 20, 694-704.	2.9	87
23	RNPomics: Defining the ncRNA transcriptome by cDNA library generation from ribonucleo-protein particles. Nucleic Acids Research, 2010, 38, e113-e113.	14.5	39
24	Compartmentalization and Regulation of Mitochondrial Function by Methionine Sulfoxide Reductases in Yeast. Biochemistry, 2010, 49, 8618-8625.	2.5	32
25	Small non-coding RNAs in disease development and host-pathogen interactions. Current Opinion in Molecular Therapeutics, 2010, 12, 684-94.	2.8	17
26	Selenoprotein N is dynamically expressed during mouse development and detected early in muscle precursors. BMC Developmental Biology, 2009, 9, 46.	2.1	29
27	Selenoprotein function and muscle disease. Biochimica Et Biophysica Acta - General Subjects, 2009, 1790, 1569-1574.	2.4	101
28	Molecular Basis for the Role of Selenium in Muscle Development and Function. Chemistry and Biodiversity, 2008, 5, 408-413.	2.1	16
29	Small ncRNA transcriptome analysis from Aspergillus fumigatus suggests a novel mechanism for regulation of protein synthesis. Nucleic Acids Research, 2008, 36, 2677-2689.	14.5	162
30	Ex vivo correction of selenoprotein N deficiency in rigid spine muscular dystrophy caused by a mutation in the selenocysteine codon. Nucleic Acids Research, 2008, 36, 237-244.	14.5	16
31	Loss of selenoprotein N function causes disruption of muscle architecture in the zebrafish embryo. Experimental Cell Research, 2007, 313, 156-167.	2.6	90
32	Understanding the importance of selenium and selenoproteins in muscle function. Cellular and Molecular Life Sciences, 2006, 63, 52-59.	5.4	159
33	Selenoprotein N: an endoplasmic reticulum glycoprotein with an early developmental expression pattern. Human Molecular Genetics, 2003, 12, 1045-1053.	2.9	160