

# Mathieu Rederstorff

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Small ncRNA transcriptome analysis from <i>Aspergillus fumigatus</i> suggests a novel mechanism for regulation of protein synthesis. <i>Nucleic Acids Research</i> , 2008, 36, 2677-2689.	14.5	162
2	Selenoprotein N: an endoplasmic reticulum glycoprotein with an early developmental expression pattern. <i>Human Molecular Genetics</i> , 2003, 12, 1045-1053.	2.9	160
3	Understanding the importance of selenium and selenoproteins in muscle function. <i>Cellular and Molecular Life Sciences</i> , 2006, 63, 52-59.	5.4	159
4	Selenoprotein function and muscle disease. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2009, 1790, 1569-1574.	2.4	101
5	Dual Luciferase Gene Reporter Assays to Study miRNA Function. <i>Methods in Molecular Biology</i> , 2015, 1296, 187-198.	0.9	92
6	Loss of selenoprotein N function causes disruption of muscle architecture in the zebrafish embryo. <i>Experimental Cell Research</i> , 2007, 313, 156-167.	2.6	90
7	Satellite cell loss and impaired muscle regeneration in selenoprotein N deficiency. <i>Human Molecular Genetics</i> , 2011, 20, 694-704.	2.9	87
8	Increased Muscle Stress-Sensitivity Induced by Selenoprotein N Inactivation in Mouse: A Mammalian Model for SEPNI-Related Myopathy. <i>PLoS ONE</i> , 2011, 6, e23094.	2.5	61
9	Identification of differentially expressed non-coding RNAs in embryonic stem cell neural differentiation. <i>Nucleic Acids Research</i> , 2012, 40, 6001-6015.	14.5	52
10	RNPomics: Defining the ncRNA transcriptome by cDNA library generation from ribonucleo-protein particles. <i>Nucleic Acids Research</i> , 2010, 38, e113-e113.	14.5	39
11	Stem-Loop RT-PCR Based Quantification of Small Non-Coding RNAs. <i>Methods in Molecular Biology</i> , 2015, 1296, 103-108.	0.9	37
12	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. <i>Nucleic Acids Research</i> , 2011, 39, 9720-9730.	14.5	35
13	Compartmentalization and Regulation of Mitochondrial Function by Methionine Sulfoxide Reductases in Yeast. <i>Biochemistry</i> , 2010, 49, 8618-8625.	2.5	32
14	Selenoprotein N is dynamically expressed during mouse development and detected early in muscle precursors. <i>BMC Developmental Biology</i> , 2009, 9, 46.	2.1	29
15	SnoRNAs and the emerging class of sdRNAs: Multifaceted players in oncogenesis. <i>Biochimie</i> , 2019, 164, 17-21.	2.6	24
16	cDNA library generation from ribonucleoprotein particles. <i>Nature Protocols</i> , 2011, 6, 166-174.	12.0	22
17	Small non-coding RNAs in disease development and host-pathogen interactions. <i>Current Opinion in Molecular Therapeutics</i> , 2010, 12, 684-94.	2.8	17
18	Molecular Basis for the Role of Selenium in Muscle Development and Function. <i>Chemistry and Biodiversity</i> , 2008, 5, 408-413.	2.1	16

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19	Ex vivo correction of selenoprotein N deficiency in rigid spine muscular dystrophy caused by a mutation in the selenocysteine codon. <i>Nucleic Acids Research</i> , 2008, 36, 237-244.	14.5	16
20	Synergistic defects in pre-rRNA processing from mutations in the U3-specific protein Rrp9 and U3 snoRNA. <i>Nucleic Acids Research</i> , 2020, 48, 3848-3868.	14.5	14
21	Identification of oxytocin-related lncRNAs and assessment of their expression in breast cancer. <i>Scientific Reports</i> , 2021, 11, 6471.	3.3	9
22	Small Non-Coding RNAs: A Quick Look in the Rearview Mirror. <i>Methods in Molecular Biology</i> , 2015, 1296, 3-9.	0.9	9
23	Regulatory Non-Coding RNAs: An Overview. <i>Methods in Molecular Biology</i> , 2021, 2300, 3-9.	0.9	8
24	Alcoholic Precipitation of Small Non-Coding RNAs. <i>Methods in Molecular Biology</i> , 2015, 1296, 11-16.	0.9	6
25	Stem-Loop qRT-PCR-Based Quantification of miRNAs. <i>Methods in Molecular Biology</i> , 2021, 2300, 59-64.	0.9	4
26	The interaction between RPAP3 and TRBP reveals a possible involvement of the HSP90/R2TP chaperone complex in the regulation of miRNA activity. <i>Nucleic Acids Research</i> , 2022, 50, 2172-2189.	14.5	4
27	Gene Reporter Assays to Study miRNA Function. <i>Methods in Molecular Biology</i> , 2021, 2300, 119-131.	0.9	3
28	Gene Expression Knockdown by Transfection of siRNAs into Mammalian Cells. <i>Methods in Molecular Biology</i> , 2015, 1296, 199-202.	0.9	3
29	Expression Profiling of a Heterogeneous Population of ncRNAs Employing a Mixed DNA/LNA Microarray. <i>Journal of Nucleic Acids</i> , 2012, 2012, 1-10.	1.2	2
30	Identification of differentially expressed non-coding RNAs in embryonic stem cell neural differentiation. <i>Nucleic Acids Research</i> , 2012, 40, 9980-9980.	14.5	1
31	Generation of cDNA Libraries from RNP-Derived Regulatory Noncoding RNAs. <i>Methods in Molecular Biology</i> , 2012, 925, 211-218.	0.9	1
32	RNA Precipitation. <i>Methods in Molecular Biology</i> , 2021, 2300, 11-16.	0.9	1
33	Expression Profiling of ncRNAs Employing RNP Libraries and Custom LNA/DNA Microarray Analysis. , 2012, , 229-251.		0