Martin Simon

List of Publications by Year
in descending order

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37 papers	709 citations	623734 14 h-index	610901 24 g-index
41 all docs	41 docs citations	41 times ranked	672 citing authors

#	Article	IF	Citations
1	Broad domains of histone marks in the highly compact Paramecium macronuclear genome. Genome Research, 2022, 32, 710-725.	5.5	7
2	Paramecium epigenetics in development and proliferation. Journal of Eukaryotic Microbiology, 2022, 69, e12914.	1.7	7
3	siRNA delivery to macrophages using aspherical, nanostructured microparticles as delivery system for pulmonary administration. European Journal of Pharmaceutics and Biopharmaceutics, 2021, 158, 284-293.	4.3	7
4	The complete mitochondrial genome of the photosymbiotic sea slug Berghia stephanieae (ValdÃ©s, 2005) (Gastropoda, Nudibranchia). Mitochondrial DNA Part B: Resources, 2021, 6, 2281-2284.	0.4	4
5	Differential degradation of RNA species by autophagy-related pathways in Arabidopsis. Journal of Experimental Botany, 2021, 72, 6867-6881.	4.8	5
6	Dysregulation of cholesterol homeostasis in human lung cancer tissue and tumour-associated macrophages. EBioMedicine, 2021, 72, 103578.	6.1	43
7	Two Piwis with Ago-like functions silence somatic genes at the chromatin level. RNA Biology, 2021, 18, 757-769.	3.1	5
8	Yeast Viral Killer Toxin K1 Induces Specific Host Cell Adaptions via Intrinsic Selection Pressure. Applied and Environmental Microbiology, 2020, 86, .	3.1	8
9	Feeding exogenous dsRNA interferes with endogenous sRNA accumulation in Paramecium. DNA Research, 2020, 27, .	3.4	4
10	Dual-Seq reveals genome and transcriptome of Caedibacter taeniospiralis, obligate endosymbiont of Paramecium. Scientific Reports, 2020, 10, 9727.	3.3	8
11	Transcriptomics of a KDELR1 knockout cell line reveals modulated cell adhesion properties. Scientific Reports, 2019, 9, 10611.	3.3	7
12	Exogenous RNAi mechanisms contribute to transcriptome adaptation by phased siRNA clusters in Paramecium. Nucleic Acids Research, 2019, 47, 8036-8049.	14.5	21
13	Comparative Analysis of Biochemical Biases by Ligation- and Template-Switch-Based Small RNA Library Preparation Protocols. Clinical Chemistry, 2019, 65, 1581-1591.	3.2	5
14	Transcriptome Kinetics of Saccharomyces cerevisiae in Response to Viral Killer Toxin K1. Frontiers in Microbiology, 2019, 10, 1102.	3.5	5
15	The sncRNA Zoo: a repository for circulating small noncoding RNAs in animals. Nucleic Acids Research, 2019, 47, 4431-4441.	14.5	8
16	Automated analysis of small RNA datasets with RAPID. PeerJ, 2019, 7, e6710.	2.0	8
17	More than the â€œKiller Traitâ€• Infection with the Bacterial Endosymbiont Caedibacter taeniospiralis Causes Transcriptomic Modulation in Paramecium Host. Genome Biology and Evolution, 2018, 10, 646-656.	2.5	30
18	Next Generation Sequencing Analysis of Total Small Noncoding RNAs from Low Input RNA from Dried Blood Sampling. Analytical Chemistry, 2018, 90, 11791-11796.	6.5	13

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19	Draft Genome Sequence and Annotation of the Obligate Bacterial Endosymbiont Caedibacter taeniospiralis , Causative Agent of the Killer Phenotype in Paramecium tetraurelia. Genome Announcements, 2018, 6, .	0.8	3
20	Environmental Temperature Controls Accumulation of Transacting siRNAs Involved in Heterochromatin Formation. Genes, 2018, 9, 117.	2.4	7
21	Transgenic expression of the RNA binding protein IMP2 stabilizes miRNA targets in murine microsteatosis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 3099-3108.	3.8	10
22	Differential subcellular distribution of four phospholipase C isoforms and secretion of GPI-PLC activity. Biochimica Et Biophysica Acta - Biomembranes, 2016, 1858, 3157-3168.	2.6	13
23	Two sets of RNAi components are required for heterochromatin formationin transtriggered by truncated transgenes. Nucleic Acids Research, 2016, 44, 5908-5923.	14.5	17
24	Epigenetic regulation of serotype expression antagonizes transcriptome dynamics inParamecium tetraurelia. DNA Research, 2015, 22, 293-305.	3.4	18
25	Primary and secondary siRNA synthesis triggered by RNAs from food bacteria in the ciliate Paramecium tetraurelia. Nucleic Acids Research, 2015, 43, 1818-1833.	14.5	27
26	Genomic Characterization of Variable Surface Antigens Reveals a Telomere Position Effect as a Prerequisite for RNA Interference-Mediated Silencing in Paramecium tetraurelia. MBio, 2014, 5, e01328.	4.1	13
27	Unicellular Eukaryotes as Models in Cell and Molecular Biology. International Review of Cell and Molecular Biology, 2014, 309, 141-198.	3.2	34
28	Dynamic chromatin remodelling of ciliate macronuclear DNA as determined by an optimized chromatin immunoprecipitation (ChIP) method for Paramecium tetraurelia. Applied Microbiology and Biotechnology, 2013, 97, 2661-2670.	3.6	3
29	Communicative functions of GPI-anchored surface proteins in unicellular eukaryotes. Critical Reviews in Microbiology, 2013, 39, 70-78.	6.1	17
30	Selective and programmed cleavage of GPI-anchored proteins from the surface membrane by phospholipase C. Biochimica Et Biophysica Acta - Biomembranes, 2012, 1818, 117-124.	2.6	34
31	Efficacy of bacterially expressed dsRNA specific to different structural genes of white spot syndrome virus (WSSV) in protection of shrimp from WSSV infection. Journal of Fish Diseases, 2010, 33, 603-607.	1.9	22
32	Distinct RNA-dependent RNA polymerases are required for RNAi triggered by double-stranded RNA versus truncated transgenes in Paramecium tetraurelia. Nucleic Acids Research, 2010, 38, 4092-4107.	14.5	48
33	Two isoforms of eukaryotic phospholipase C in Paramecium affecting transport and release of GPI-anchored proteins in vivo. European Journal of Cell Biology, 2009, 88, 577-592.	3.6	19
34	Silencing VP28 Gene of White Spot Syndrome Virus of Shrimp by Bacterially Expressed dsRNA. Marine Biotechnology, 2008, 10, 198-206.	2.4	63
35	Oral Administration of Bacterially Expressed VP28dsRNA to Protect Penaeus monodon from White Spot Syndrome Virus. Marine Biotechnology, 2008, 10, 242-249.	2.4	116
36	Antigenic Variation in Ciliates: Antigen Structure, Function, Expression. Journal of Eukaryotic Microbiology, 2007, 54, 1-7.	1.7	31

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37	Inefficient serotype knock down leads to stable coexistence of different surface antigens on the outer membrane in Paramecium tetraurelia. European Journal of Protistology, 2006, 42, 49-53.	1.5	12