

# 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  
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41  
docs citations

41  
times ranked

672  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oral Administration of Bacterially Expressed VP28dsRNA to Protect <i>Penaeus monodon</i> from White Spot Syndrome Virus. <i>Marine Biotechnology</i> , 2008, 10, 242-249.	2.4	116
2	Silencing VP28 Gene of White Spot Syndrome Virus of Shrimp by Bacterially Expressed dsRNA. <i>Marine Biotechnology</i> , 2008, 10, 198-206.	2.4	63
3	Distinct RNA-dependent RNA polymerases are required for RNAi triggered by double-stranded RNA versus truncated transgenes in <i>Paramecium tetraurelia</i> . <i>Nucleic Acids Research</i> , 2010, 38, 4092-4107.	14.5	48
4	Dysregulation of cholesterol homeostasis in human lung cancer tissue and tumour-associated macrophages. <i>EBioMedicine</i> , 2021, 72, 103578.	6.1	43
5	Selective and programmed cleavage of GPI-anchored proteins from the surface membrane by phospholipase C. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012, 1818, 117-124.	2.6	34
6	Unicellular Eukaryotes as Models in Cell and Molecular Biology. <i>International Review of Cell and Molecular Biology</i> , 2014, 309, 141-198.	3.2	34
7	Antigenic Variation in Ciliates: Antigen Structure, Function, Expression. <i>Journal of Eukaryotic Microbiology</i> , 2007, 54, 1-7.	1.7	31
8	More than the "Killer Trait" Infection with the Bacterial Endosymbiont <i>Caedibacter taeniospiralis</i> Causes Transcriptomic Modulation in <i>Paramecium</i> Host. <i>Genome Biology and Evolution</i> , 2018, 10, 646-656.	2.5	30
9	Primary and secondary siRNA synthesis triggered by RNAs from food bacteria in the ciliate <i>Paramecium tetraurelia</i> . <i>Nucleic Acids Research</i> , 2015, 43, 1818-1833.	14.5	27
10	Efficacy of bacterially expressed dsRNA specific to different structural genes of white spot syndrome virus (WSSV) in protection of shrimp from WSSV infection. <i>Journal of Fish Diseases</i> , 2010, 33, 603-607.	1.9	22
11	Exogenous RNAi mechanisms contribute to transcriptome adaptation by phased siRNA clusters in <i>Paramecium</i> . <i>Nucleic Acids Research</i> , 2019, 47, 8036-8049.	14.5	21
12	Two isoforms of eukaryotic phospholipase C in <i>Paramecium</i> affecting transport and release of GPI-anchored proteins in vivo. <i>European Journal of Cell Biology</i> , 2009, 88, 577-592.	3.6	19
13	Epigenetic regulation of serotype expression antagonizes transcriptome dynamics in <i>Paramecium tetraurelia</i> . <i>DNA Research</i> , 2015, 22, 293-305.	3.4	18
14	Communicative functions of GPI-anchored surface proteins in unicellular eukaryotes. <i>Critical Reviews in Microbiology</i> , 2013, 39, 70-78.	6.1	17
15	Two sets of RNAi components are required for heterochromatin formation in trans triggered by truncated transgenes. <i>Nucleic Acids Research</i> , 2016, 44, 5908-5923.	14.5	17
16	Genomic Characterization of Variable Surface Antigens Reveals a Telomere Position Effect as a Prerequisite for RNA Interference-Mediated Silencing in <i>Paramecium tetraurelia</i> . <i>MBio</i> , 2014, 5, e01328.	4.1	13
17	Differential subcellular distribution of four phospholipase C isoforms and secretion of GPI-PLC activity. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 3157-3168.	2.6	13
18	Next Generation Sequencing Analysis of Total Small Noncoding RNAs from Low Input RNA from Dried Blood Sampling. <i>Analytical Chemistry</i> , 2018, 90, 11791-11796.	6.5	13

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19	Inefficient serotype knock down leads to stable coexistence of different surface antigens on the outer membrane in <i>Paramecium tetraurelia</i> . <i>European Journal of Protistology</i> , 2006, 42, 49-53.	1.5	12
20	Transgenic expression of the RNA binding protein IMP2 stabilizes miRNA targets in murine microsteatosis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 3099-3108.	3.8	10
21	The sncRNA Zoo: a repository for circulating small noncoding RNAs in animals. <i>Nucleic Acids Research</i> , 2019, 47, 4431-4441.	14.5	8
22	Yeast Viral Killer Toxin K1 Induces Specific Host Cell Adaptions via Intrinsic Selection Pressure. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	3.1	8
23	Dual-Seq reveals genome and transcriptome of <i>Caedibacter taeniospiralis</i> , obligate endosymbiont of <i>Paramecium</i> . <i>Scientific Reports</i> , 2020, 10, 9727.	3.3	8
24	Automated analysis of small RNA datasets with RAPID. <i>PeerJ</i> , 2019, 7, e6710.	2.0	8
25	Environmental Temperature Controls Accumulation of Transacting siRNAs Involved in Heterochromatin Formation. <i>Genes</i> , 2018, 9, 117.	2.4	7
26	Transcriptomics of a KDELR1 knockout cell line reveals modulated cell adhesion properties. <i>Scientific Reports</i> , 2019, 9, 10611.	3.3	7
27	siRNA delivery to macrophages using aspherical, nanostructured microparticles as delivery system for pulmonary administration. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 158, 284-293.	4.3	7
28	Broad domains of histone marks in the highly compact <i>Paramecium</i> macronuclear genome. <i>Genome Research</i> , 2022, 32, 710-725.	5.5	7
29	<i>Paramecium</i> epigenetics in development and proliferation. <i>Journal of Eukaryotic Microbiology</i> , 2022, 69, e12914.	1.7	7
30	Comparative Analysis of Biochemical Biases by Ligation- and Template-Switch-Based Small RNA Library Preparation Protocols. <i>Clinical Chemistry</i> , 2019, 65, 1581-1591.	3.2	5
31	Transcriptome Kinetics of <i>Saccharomyces cerevisiae</i> in Response to Viral Killer Toxin K1. <i>Frontiers in Microbiology</i> , 2019, 10, 1102.	3.5	5
32	Differential degradation of RNA species by autophagy-related pathways in <i>Arabidopsis</i> . <i>Journal of Experimental Botany</i> , 2021, 72, 6867-6881.	4.8	5
33	Two Piwis with Ago-like functions silence somatic genes at the chromatin level. <i>RNA Biology</i> , 2021, 18, 757-769.	3.1	5
34	Feeding exogenous dsRNA interferes with endogenous sRNA accumulation in <i>Paramecium</i> . <i>DNA Research</i> , 2020, 27, .	3.4	4
35	The complete mitochondrial genome of the photosymbiotic sea slug <i>Berghia stephanieae</i> (ValdÃ©s, 2005) (Gastropoda, Nudibranchia). <i>Mitochondrial DNA Part B: Resources</i> , 2021, 6, 2281-2284.	0.4	4
36	Dynamic chromatin remodelling of ciliate macronuclear DNA as determined by an optimized chromatin immunoprecipitation (ChIP) method for <i>Paramecium tetraurelia</i> . <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 2661-2670.	3.6	3

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37	Draft Genome Sequence and Annotation of the Obligate Bacterial Endosymbiont <i>Caedibacter taeniospiralis</i> , Causative Agent of the Killer Phenotype in <i>Paramecium tetraurelia</i> . <i>Genome Announcements</i> , 2018, 6, .	0.8	3