

Michael P Gantier

List of Publications by Year in descending order

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76
papers

4,542
citations

126907
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106344
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97
all docs

97
docs citations

97
times ranked

9820
citing authors

#	ARTICLE	IF	CITATIONS
1	MicroRNA-101-3p Modulates Mitochondrial Metabolism via the Regulation of Complex II Assembly. Journal of Molecular Biology, 2022, 434, 167361.	4.2	9
2	TLR7 gain-of-function genetic variation causes human lupus. Nature, 2022, 605, 349-356.	27.8	208
3	Deficiency in coatomer complex I causes aberrant activation of STING signalling. Nature Communications, 2022, 13, 2321.	12.8	43
4	Making use of transcription factor enrichment to identify functional microRNA-regulons. Computational and Structural Biotechnology Journal, 2021, 19, 4896-4903.	4.1	2
5	Reply. Respiriology, 2021, 26, 618-618.	2.3	1
6	Sequence-dependent inhibition of cGAS and TLR9 DNA sensing by 2'-O-methyl gapmer oligonucleotides. Nucleic Acids Research, 2021, 49, 6082-6099.	14.5	16
7	Addressing the liver progenitor cell response and hepatic oxidative stress in experimental non-alcoholic fatty liver disease/non-alcoholic steatohepatitis using amniotic epithelial cells. Stem Cell Research and Therapy, 2021, 12, 429.	5.5	5
8	Animal models of COVID-19 hyperinflammation. Respiriology, 2021, 26, 222-224.	2.3	7
9	Powering on cGAMP mini factories. EMBO Reports, 2021, , e54231.	4.5	0
10	Pharmacological Targeting of STING-Dependent IL-6 Production in Cancer Cells. Frontiers in Cell and Developmental Biology, 2021, 9, 709618.	3.7	8
11	TDP-43 Triggers Mitochondrial DNA Release via mPTP to Activate cGAS/STING in ALS. Cell, 2020, 183, 636-649.e18.	28.9	453
12	Necrotic cell death increases the release of macrophage migration inhibitory factor by monocytes/macrophages. Immunology and Cell Biology, 2020, 98, 782-790.	2.3	13
13	Dynamic mRNP Remodeling in Response to Internal and External Stimuli. Biomolecules, 2020, 10, 1310.	4.0	16
14	Rational design of antisense oligonucleotides modulating the activity of TLR7/8 agonists. Nucleic Acids Research, 2020, 48, 7052-7065.	14.5	16
15	Connexin-Dependent Transfer of cGAMP to Phagocytes Modulates Antiviral Responses. MBio, 2020, 11, .	4.1	44
16	MicroRNA from a 12-h versus 20-h acetylcysteine infusion for paracetamol overdose. Human and Experimental Toxicology, 2019, 38, 646-654.	2.2	6
17	miRNA length variation during macrophage stimulation confounds the interpretation of results: implications for miRNA quantification by RT-qPCR. Rna, 2019, 25, 232-238.	3.5	16
18	PD-L1 expression is a prognostic factor in subgroups of gastric cancer patients stratified according to their levels of CD8 and FOXP3 immune markers. Oncoimmunology, 2018, 7, e1433520.	4.6	31

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19	miR-222 isoforms are differentially regulated by type-I interferon. <i>Rna</i> , 2018, 24, 332-341.	3.5	31
20	Assessing the cGAS-cGAMP-STING Activity of Cancer Cells. <i>Methods in Molecular Biology</i> , 2018, 1725, 257-266.	0.9	8
21	A guide to miRNAs in inflammation and innate immune responses. <i>FEBS Journal</i> , 2018, 285, 3695-3716.	4.7	141
22	Hepatotoxicity after paracetamol overdose in a patient with cystic fibrosis despite early acetylcysteine and utility of microRNA to predict hepatotoxicity. <i>Clinical Toxicology</i> , 2018, 56, 904-906.	1.9	3
23	The Use of CRISPR/Cas9 Gene Editing to Confirm Congenic Contaminations in Host-Pathogen Interaction Studies. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 87.	3.9	3
24	Modified Polyadenylation-Based RT-qPCR Increases Selectivity of Amplification of 3' MicroRNA Isoforms. <i>Frontiers in Genetics</i> , 2018, 9, 11.	2.3	19
25	Challenges and opportunities for siRNA-based cancer treatment. <i>Cancer Letters</i> , 2017, 387, 77-83.	7.2	82
26	Assessing the Off-Target Effects of miRNA Inhibitors on Innate Immune Toll-Like Receptors. <i>Methods in Molecular Biology</i> , 2017, 1517, 127-135.	0.9	6
27	Topoisomerase 1 Inhibition Promotes Cyclic GMP-AMP Synthase-Dependent Antiviral Responses. <i>MBio</i> , 2017, 8, .	4.1	28
28	Length does matter for cGAS. <i>EMBO Reports</i> , 2017, 18, 1675-1676.	4.5	8
29	cGAS-STING Activation in the Tumor Microenvironment and Its Role in Cancer Immunity. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1024, 175-194.	1.6	43
30	Activation of cGAS-dependent antiviral responses by DNA intercalating agents. <i>Nucleic Acids Research</i> , 2017, 45, 198-205.	14.5	36
31	Naturally existing isoforms of miR-222 have distinct functions. <i>Nucleic Acids Research</i> , 2017, 45, 11371-11385.	14.5	61
32	microRNA Decay: Refining microRNA Regulatory Activity. <i>MicroRNA (Sharjah, United Arab Emirates)</i> , 2017, 5, 167-174.	1.2	20
33	Identification of a histone family gene signature for predicting the prognosis of cervical cancer patients. <i>Scientific Reports</i> , 2017, 7, 16495.	3.3	58
34	Cre-dependent DNA recombination activates a STING-dependent innate immune response. <i>Nucleic Acids Research</i> , 2016, 44, 5356-5364.	14.5	44
35	Assessing the Inhibitory Activity of Oligonucleotides on TLR7 Sensing. <i>Methods in Molecular Biology</i> , 2016, 1390, 79-90.	0.9	17
36	EpCAM Aptamer-mediated Survivin Silencing Sensitized Cancer Stem Cells to Doxorubicin in a Breast Cancer Model. <i>Theranostics</i> , 2015, 5, 1456-1472.	10.0	84

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37	Human Blastocyst Secreted microRNA Regulate Endometrial Epithelial Cell Adhesion. EBioMedicine, 2015, 2, 1528-1535.	6.1	105
38	Normalization of Affymetrix miRNA Microarrays for the Analysis of Cancer Samples. Methods in Molecular Biology, 2015, 1375, 1-10.	0.9	5
39	BTB-ZF transcriptional regulator PLZF modifies chromatin to restrain inflammatory signaling programs. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 1535-1540.	7.1	54
40	IL-37 requires the receptors IL-18R α and IL-1R8 (SIGIRR) to carry out its multifaceted anti-inflammatory program upon innate signal transduction. Nature Immunology, 2015, 16, 354-365.	14.5	352
41	Sequence-dependent off-target inhibition of TLR7/8 sensing by synthetic microRNA inhibitors. Nucleic Acids Research, 2015, 43, 1177-1188.	14.5	39
42	IL-10 regulates <i>Aicda</i> expression through miR-155. Journal of Leukocyte Biology, 2015, 97, 71-78.	3.3	20
43	Cancer stem cell targeted therapy: progress amid controversies. Oncotarget, 2015, 6, 44191-44206.	1.8	129
44	Processing of Double-Stranded RNA in Mammalian Cells: A Direct Antiviral Role?. Journal of Interferon and Cytokine Research, 2014, 34, 469-477.	1.2	10
45	The Immune Receptor NOD1 and Kinase RIP2 Interact with Bacterial Peptidoglycan on Early Endosomes to Promote Autophagy and Inflammatory Signaling. Cell Host and Microbe, 2014, 15, 623-635.	11.0	249
46	Inosine-Mediated Modulation of RNA Sensing by Toll-Like Receptor 7 (TLR7) and TLR8. Journal of Virology, 2014, 88, 799-810.	3.4	27
47	Integrin-linked Kinase Modulates Lipopolysaccharide- and Helicobacter pylori-induced Nuclear Factor κ B-activated Tumor Necrosis Factor- α Production via Regulation of p65 Serine 536 Phosphorylation. Journal of Biological Chemistry, 2014, 289, 27776-27793.	3.4	50
48	PAPPA2 is increased in severe early onset pre-eclampsia and upregulated with hypoxia. Reproduction, Fertility and Development, 2014, 26, 351.	0.4	39
49	The Role of Ets2 Transcription Factor in the Induction of MicroRNA-155 (miR-155) by Lipopolysaccharide and Its Targeting by Interleukin-10. Journal of Biological Chemistry, 2014, 289, 4316-4325.	3.4	98
50	176. Cytokine, 2014, 70, 70.	3.2	2
51	The use of miRNA microarrays for the analysis of cancer samples with global miRNA decrease. Rna, 2013, 19, 876-888.	3.5	52
52	Strategies for Designing and Validating Immunostimulatory siRNAs. Methods in Molecular Biology, 2013, 942, 179-191.	0.9	5
53	X-chromosome-encoded microRNA-19 and -18 are possible modulators of female immunity. BioEssays, 2013, 35, 671-671.	2.5	3
54	The not-so-neutral role of microRNAs in neutrophil biology. Journal of Leukocyte Biology, 2013, 94, 575-583.	3.3	34

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55	Promotion of Hendra Virus Replication by MicroRNA 146a. <i>Journal of Virology</i> , 2013, 87, 3782-3791.	3.4	54
56	Imbalanced Frequencies of Th17 and Treg Cells in Acute Coronary Syndromes Are Mediated by IL-6-STAT3 Signaling. <i>PLoS ONE</i> , 2013, 8, e72804.	2.5	20
57	A miR-19 regulon that controls NF- κ B signaling. <i>Nucleic Acids Research</i> , 2012, 40, 8048-8058.	14.5	167
58	Human Toll-Like Receptor 8 Can Be Cool Too: Implications for Foreign RNA Sensing. <i>Journal of Interferon and Cytokine Research</i> , 2012, 32, 350-361.	1.2	38
59	siRNA-induced immunostimulation through TLR7 promotes antitumoral activity against HPV-driven tumors in vivo. <i>Immunology and Cell Biology</i> , 2012, 90, 187-196.	2.3	44
60	Osteopontin promotes inflammation in patients with acute coronary syndrome through its activity on IL-17 producing cells. <i>European Journal of Immunology</i> , 2012, 42, 2803-2814.	2.9	22
61	An Interspecific Nicotiana Hybrid as a Useful and Cost-Effective Platform for Production of Animal Vaccines. <i>PLoS ONE</i> , 2012, 7, e35688.	2.5	19
62	Making Sense of Viral RNA Sensing. <i>Molecular Therapy</i> , 2011, 19, 1578-1581.	8.2	10
63	Analysis of microRNA turnover in mammalian cells following Dicer1 ablation. <i>Nucleic Acids Research</i> , 2011, 39, 5692-5703.	14.5	361
64	Genetic modulation of TLR8 response following bacterial phagocytosis. <i>Human Mutation</i> , 2010, 31, 1069-1079.	2.5	67
65	Rational Design of Immunostimulatory siRNAs. <i>Molecular Therapy</i> , 2010, 18, 785-795.	8.2	66
66	X4 and R5 HIV-1 Have Distinct Post-entry Requirements for Uracil DNA Glycosylase during Infection of Primary Cells. <i>Journal of Biological Chemistry</i> , 2010, 285, 18603-18614.	3.4	27
67	New Perspectives in MicroRNA Regulation of Innate Immunity. <i>Journal of Interferon and Cytokine Research</i> , 2010, 30, 283-289.	1.2	75
68	Monitoring Innate Immune Recruitment by siRNAs in Mammalian Cells. <i>Methods in Molecular Biology</i> , 2010, 623, 21-33.	0.9	16
69	siRNA delivery not Toll-free. <i>Nature Biotechnology</i> , 2009, 27, 911-912.	17.5	14
70	TLR7 Is Involved in Sequence-Specific Sensing of Single-Stranded RNAs in Human Macrophages. <i>Journal of Immunology</i> , 2008, 180, 2117-2124.	0.8	145
71	Determinants of Cytokine Induction by Small Interfering RNA in Human Peripheral Blood Mononuclear Cells. <i>Journal of Interferon and Cytokine Research</i> , 2008, 28, 221-233.	1.2	50
72	Small Interfering RNAs Induce Macrophage Migration Inhibitory Factor Production and Proliferation in Breast Cancer Cells via a Double-Stranded RNA-Dependent Protein Kinase-Dependent Mechanism. <i>Journal of Immunology</i> , 2008, 180, 7125-7133.	0.8	32

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73	Nuclear Transcription of Long Hairpin RNA Triggers Innate Immune Responses. Journal of Interferon and Cytokine Research, 2007, 27, 789-798.	1.2	9
74	The response of mammalian cells to double-stranded RNA. Cytokine and Growth Factor Reviews, 2007, 18, 363-371.	7.2	217
75	Fine-tuning of the innate immune response by microRNAs. Immunology and Cell Biology, 2007, 85, 458-462.	2.3	99
76	Dual regulation of macrophage migration inhibitory factor (MIF) expression in hypoxia by CREB and HIF-1. Biochemical and Biophysical Research Communications, 2006, 347, 895-903.	2.1	119