

# Thomas Michiels

## List of Publications by Year in descending order

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89  
papers

7,171  
citations

81434

41  
h-index

68831

81  
g-index

92  
all docs

92  
docs citations

92  
times ranked

6603  
citing authors

#	ARTICLE	IF	CITATIONS
1	A case of convergent evolution: Several viral and bacterial pathogens hijack RSK kinases through a common linear motif. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	14
2	Development of SARS-CoV2 humoral response including neutralizing antibodies is not sufficient to protect patients against fatal infection. Scientific Reports, 2022, 12, 2077.	1.6	8
3	PKR activity modulation by phosphomimetic mutations of serine residues located three aminoacids upstream of double-stranded RNA binding motifs. Scientific Reports, 2021, 11, 9188.	1.6	9
4	Nucleocytoplasmic Trafficking Perturbation Induced by Picornaviruses. Viruses, 2021, 13, 1210.	1.5	13
5	Inhibition of PKR by Viruses. Frontiers in Microbiology, 2021, 12, 757238.	1.5	43
6	<sc>The importance of naturally attenuated SARSâ€CoV</sc>â€2<sc> in the fight against COVID</sc>â€19. Environmental Microbiology, 2020, 22, 1997-2000.	1.8	54
7	IFN-Î» Decreases Murid Herpesvirus-4 Infection of the Olfactory Epithelium but Fails to Prevent Virus Reactivation in the Vaginal Mucosa. Viruses, 2019, 11, 757.	1.5	10
8	The Leader Protein of Theiler's Virus Prevents the Activation of PKR. Journal of Virology, 2019, 93, .	1.5	21
9	Interferon lambda (IFN-Î») efficiently blocks norovirus transmission in a mouse model. Antiviral Research, 2018, 149, 7-15.	1.9	24
10	Innate Immune Detection of Cardioviruses and Viral Disruption of Interferon Signaling. Frontiers in Microbiology, 2018, 9, 2448.	1.5	15
11	Species Specificity of Type III Interferon Activity and Development of a Sensitive Luciferase-Based Bioassay for Quantitation of Mouse Interferon-Î». Journal of Interferon and Cytokine Research, 2018, 38, 469-479.	0.5	11
12	A novel mechanism of RNase L inhibition: Theiler's virus L* protein prevents 2-5A from binding to RNase L. PLoS Pathogens, 2018, 14, e1006989.	2.1	27
13	Ribonuclease L (RNase L). , 2018, , 4709-4717.		0
14	PKC epsilonâ€dependent calcium oscillations associated with metabotropic glutamate receptor 5 prevent agonistâ€mediated receptor desensitization in astrocytes. Journal of Neurochemistry, 2017, 141, 387-399.	2.1	6
15	Study of hepatitis E virus infection of genotype 1 and 3 in mice with humanised liver. Gut, 2017, 66, 920-929.	6.1	113
16	Conserved Fever Pathways across Vertebrates: A Herpesvirus Expressed Decoy TNF-Î± Receptor Delays Behavioral Fever in Fish. Cell Host and Microbe, 2017, 21, 244-253.	5.1	57
17	Mouse nidovirus LDV infection alleviates graft versus host disease and induces type I IFN-dependent inhibition of dendritic cells and allo-responsive T cells. Immunity, Inflammation and Disease, 2017, 5, 200-213.	1.3	5
18	Nonstructural Protein L* Species Specificity Supports a Mouse Origin for Vilyuisk Human Encephalitis Virus. Journal of Virology, 2017, 91, .	1.5	6

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19	Cellular microRNAs Repress Vesicular Stomatitis Virus but Not Theiler's Virus Replication. <i>Viruses</i> , 2016, 8, 75.	1.5	5
20	Abortively Infected Astrocytes Appear To Represent the Main Source of Interferon Beta in the Virus-Infected Brain. <i>Journal of Virology</i> , 2016, 90, 2031-2038.	1.5	77
21	Neurotropism of Saffold virus in a mouse model. <i>Journal of General Virology</i> , 2016, 97, 1350-1355.	1.3	4
22	Reconnaissance et justice Éducative. <i>Philosophiques</i> , 2016, 43, 93-113.	0.1	1
23	The Interferon-Inducible Mouse Apolipoprotein L9 and Prohibitins Cooperate to Restrict Theiler's Virus Replication. <i>PLoS ONE</i> , 2015, 10, e0133190.	1.1	43
24	Characterization of Ribosomal Frameshifting in Theiler's Murine Encephalomyelitis Virus. <i>Journal of Virology</i> , 2015, 89, 8580-8589.	1.5	23
25	Inhibition of the OAS/RNase L pathway by viruses. <i>Current Opinion in Virology</i> , 2015, 15, 19-26.	2.6	98
26	Lack of effect of Theiler's murine encephalomyelitis virus infection on system xc <sup>+</sup> . <i>Neuroscience Letters</i> , 2015, 593, 124-128.	1.0	3
27	Human but Not Mouse Hepatocytes Respond to Interferon-Lambda In Vivo. <i>PLoS ONE</i> , 2014, 9, e87906.	1.1	45
28	Inefficient Type I Interferon-Mediated Antiviral Protection of Primary Mouse Neurons Is Associated with the Lack of Apolipoprotein L9 Expression. <i>Journal of Virology</i> , 2014, 88, 3874-3884.	1.5	24
29	Interferon-Î in the Context of Viral Infections: Production, Response and Therapeutic Implications. <i>Journal of Innate Immunity</i> , 2014, 6, 563-574.	1.8	108
30	Thrombopoietin Activates STAT2 Inducing Type I Interferon Effects and Gene Expression: Implications for in Vivo Tpo Treatment and for Myeloproliferative Neoplasms. <i>Blood</i> , 2014, 124, 820-820.	0.6	0
31	The OAS/RNaseL pathway and its inhibition by viruses. <i>Virologie</i> , 2014, 18, 264-277.	0.1	2
32	Antiviral Type I and Type III Interferon Responses in the Central Nervous System. <i>Viruses</i> , 2013, 5, 834-857.	1.5	47
33	Evasion of Antiviral Innate Immunity by Theiler's Virus L* Protein through Direct Inhibition of RNase L. <i>PLoS Pathogens</i> , 2013, 9, e1003474.	2.1	62
34	IFN-Î is Constitutively Expressed by Cells of the Reproductive Tract and Is Inefficiently Secreted by Fibroblasts and Cell Lines. <i>PLoS ONE</i> , 2013, 8, e71320.	1.1	50
35	IFN-Î determines the intestinal epithelial antiviral host defense. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 7944-7949.	3.3	369
36	The Leader Protein of Cardioviruses Inhibits Stress Granule Assembly. <i>Journal of Virology</i> , 2011, 85, 9614-9622.	1.5	91

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37	Theiler's Virus L* Protein Is Targeted to the Mitochondrial Outer Membrane. <i>Journal of Virology</i> , 2011, 85, 3690-3694.	1.5	9
38	Differential IFN- $\lambda$ 1/ $\lambda$ 2 production suppressing capacities of the leader proteins of mengovirus and foot-and-mouth disease virus. <i>Cellular Microbiology</i> , 2010, 12, 310-317.	1.1	17
39	Type I Interferon Signaling Contributes to Chronic Inflammation in a Murine Model of Silicosis. <i>Toxicological Sciences</i> , 2010, 116, 682-692.	1.4	33
40	Lambda Interferon Renders Epithelial Cells of the Respiratory and Gastrointestinal Tracts Resistant to Viral Infections. <i>Journal of Virology</i> , 2010, 84, 5670-5677.	1.5	369
41	What Have We Learned from the IL28 Receptor Knockout Mouse?. <i>Journal of Interferon and Cytokine Research</i> , 2010, 30, 579-584.	0.5	24
42	Random Mutagenesis Defines a Domain of Theiler's Virus Leader Protein That Is Essential for Antagonism of Nucleocytoplasmic Trafficking and Cytokine Gene Expression. <i>Journal of Virology</i> , 2009, 83, 11223-11232.	1.5	28
43	Inhibition of mRNA export and dimerization of interferon regulatory factor 3 by Theiler's virus leader protein. <i>Journal of General Virology</i> , 2009, 90, 177-186.	1.3	72
44	PCR-Based Simultaneous Analysis of the Interferon-Alpha Family Reveals Distinct Kinetics for Early Interferons. <i>Journal of Interferon and Cytokine Research</i> , 2008, 28, 653-660.	0.5	5
45	TLR Ligand-Induced Type I IFNs Affect Thymopoiesis. <i>Journal of Immunology</i> , 2008, 180, 7134-7146.	0.4	14
46	IFN-Lambda (IFN- $\lambda$ ) Is Expressed in a Tissue-Dependent Fashion and Primarily Acts on Epithelial Cells In Vivo. <i>PLoS Pathogens</i> , 2008, 4, e1000017.	2.1	672
47	Expression and role of type I interferons in primary mouse neurons after infection with Theiler's virus. <i>BMC Proceedings</i> , 2008, 2, .	1.8	0
48	Type I interferons inhibit Delta-like 1-dependent T cell development and increase apoptosis of developing thymocytes in vitro. <i>FASEB Journal</i> , 2008, 22, 661.11.	0.2	0
49	La Crosse Bunyavirus Nonstructural Protein NSs Serves To Suppress the Type I Interferon System of Mammalian Hosts. <i>Journal of Virology</i> , 2007, 81, 4991-4999.	1.5	150
50	Type I interferon response in the central nervous system. <i>Biochimie</i> , 2007, 89, 770-778.	1.3	87
51	The mengovirus leader protein blocks interferon- $\lambda$ 1/ $\lambda$ 2 gene transcription and inhibits activation of interferon regulatory factor 3. <i>Cellular Microbiology</i> , 2007, 9, 2921-2930.	1.1	100
52	Anti-IL-17A Autovaccination Prevents Clinical and Histological Manifestations of Experimental Autoimmune Encephalomyelitis. <i>Annals of the New York Academy of Sciences</i> , 2007, 1110, 330-336.	1.8	37
53	N-Glycosylation of Murine IFN- $\lambda$ 2 in a Putative Receptor-Binding Region. <i>Journal of Interferon and Cytokine Research</i> , 2006, 26, 406-413.	0.5	9
54	Neurons produce type I interferon during viral encephalitis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 7835-7840.	3.3	229

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55	Cardiovirus leader proteins are functionally interchangeable and have evolved to adapt to virus replication fitness. <i>Journal of General Virology</i> , 2006, 87, 1237-1246.	1.3	43
56	THE GENETICS OF THE PERSISTENT INFECTION AND DEMYELINATING DISEASE CAUSED BY THEILER'S VIRUS. <i>Annual Review of Microbiology</i> , 2005, 59, 279-298.	2.9	130
57	Role of the Interleukin (IL)-28 Receptor Tyrosine Residues for Antiviral and Antiproliferative Activity of IL-29/Interferon- $\lambda$ 1. <i>Journal of Biological Chemistry</i> , 2004, 279, 32269-32274.	1.6	270
58	The Leader Protein of Theiler's Virus Interferes with Nucleocytoplasmic Trafficking of Cellular Proteins. <i>Journal of Virology</i> , 2004, 78, 4357-4362.	1.5	106
59	Characterization of the Murine Alpha Interferon Gene Family. <i>Journal of Virology</i> , 2004, 78, 8219-8228.	1.5	187
60	Characterization of Interferon- $\lambda$ 13, a Novel Constitutive Murine Interferon- $\lambda$ Subtype. <i>Journal of Biological Chemistry</i> , 2003, 278, 46321-46328.	1.6	41
61	Non-AUG-Initiated Internal Translation of the L* Protein of Theiler's Virus and Importance of This Protein for Viral Persistence. <i>Journal of Virology</i> , 2002, 76, 10665-10673.	1.5	61
62	Mutations That Affect the Tropism of DA and GDVII Strains of Theiler's Virus In Vitro Influence Sialic Acid Binding and Pathogenicity. <i>Journal of Virology</i> , 2002, 76, 8138-8147.	1.5	33
63	The Leader Protein of Theiler's Virus Inhibits Immediate-Early Alpha/Beta Interferon Production. <i>Journal of Virology</i> , 2001, 75, 7811-7817.	1.5	117
64	Influence of the Theiler's Virus L $\alpha$ — Protein on Macrophage Infection, Viral Persistence, and Neurovirulence. <i>Journal of Virology</i> , 2000, 74, 9071-9077.	1.5	39
65	A coding RNA sequence acts as a replication signal in cardioviruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 11560-11565.	3.3	115
66	Absence of Internal Ribosome Entry Site-Mediated Tissue Specificity in the Translation of a Bicistronic Transgene. <i>Journal of Virology</i> , 1999, 73, 2729-2738.	1.5	34
67	Analysis of Cellular Mutants Resistant to Theiler's Virus Infection: Differential Infection of L929 Cells by Persistent and Neurovirulent Strains. <i>Journal of Virology</i> , 1999, 73, 7248-7254.	1.5	13
68	Adaptation of Theiler's Virus to L929 Cells: Mutations in the Putative Receptor Binding Site on the Capsid Map to Neutralization Sites and Modulate Viral Persistence. <i>Virology</i> , 1998, 244, 397-404.	1.1	49
69	Infection of macrophages by Theiler's murine encephalomyelitis virus is highly dependent on their activation or differentiation state. <i>Journal of Virology</i> , 1997, 71, 8864-8867.	1.5	22
70	Protein 2A is not required for Theiler's virus replication. <i>Journal of Virology</i> , 1997, 71, 9549-9556.	1.5	49
71	Analysis of the Leader and Capsid Coding Regions of Persistent and Neurovirulent Strains of Theiler's Virus. <i>Virology</i> , 1995, 214, 550-558.	1.1	61
72	Individual chaperones required for Yop secretion by <i>Yersinia</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 10493-10497.	3.3	268

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73	Chimeric Theiler's virus with altered tropism for the central nervous system. <i>Journal of Virology</i> , 1994, 68, 2781-2786.	1.5	23
74	A single amino acid change determines persistence of a chimeric Theiler's virus. <i>Journal of Virology</i> , 1994, 68, 3364-3368.	1.5	66
75	Secretion of hybrid proteins by the <i>Yersinia</i> Yop export system. <i>Journal of Bacteriology</i> , 1991, 173, 1677-1685.	1.0	277
76	Analysis of <i>virC</i> , an operon involved in the secretion of Yop proteins by <i>Yersinia enterocolitica</i> . <i>Journal of Bacteriology</i> , 1991, 173, 4994-5009.	1.0	315
77	<i>ymoA</i> , a <i>Yersinia enterocolitica</i> chromosomal gene modulating the expression of virulence functions. <i>Molecular Microbiology</i> , 1991, 5, 1023-1034.	1.2	203
78	The pYV plasmid of <i>Yersinia</i> encodes a lipoprotein, YlpA, related to TraT. <i>Molecular Microbiology</i> , 1990, 4, 1585-1593.	1.2	70
79	Secretion of Yop proteins by <i>Yersiniae</i> . <i>Infection and Immunity</i> , 1990, 58, 2840-2849.	1.0	409
80	The <i>Yersinia</i> yop regulon. <i>Molecular Microbiology</i> , 1989, 3, 1455-1459.	1.2	208
81	Site-specific recombinations between direct and inverted <i>res</i> sites of Tn2501. <i>Plasmid</i> , 1989, 22, 249-255.	0.4	5
82	Homology between <i>virF</i> , the transcriptional activator of the <i>Yersinia</i> virulence regulon, and <i>AraC</i> , the <i>Escherichia coli</i> arabinose operon regulator. <i>Journal of Bacteriology</i> , 1989, 171, 254-262.	1.0	268
83	Identification of additional virulence determinants on the pYV plasmid of <i>Yersinia enterocolitica</i> W227. <i>Infection and Immunity</i> , 1989, 57, 2534-2541.	1.0	114
84	Nucleotide sequence and transcription analysis of <i>yop51</i> from <i>Yersinia enterocolitica</i> W22703. <i>Microbial Pathogenesis</i> , 1988, 5, 449-459.	1.3	90
85	A new method for the physical and genetic mapping of large plasmids: application to the localisation of the virulence determinants on the 90 kb plasmid of <i>Salmonella typhimurium</i> . <i>Microbial Pathogenesis</i> , 1987, 3, 109-116.	1.3	56
86	Tn2501, a component of the lactose transposon Tn951, is an example of a new category of class II transposable elements. <i>Journal of Bacteriology</i> , 1987, 169, 624-631.	1.0	47
87	Tn951 derivatives designed for high-frequency plasmid-specific transposition and deletion mutagenesis. <i>Gene</i> , 1986, 43, 175-181.	1.0	13
88	Detection and characterization of Tn2501, a transposon included within the lactose transposon Tn951. <i>Journal of Bacteriology</i> , 1984, 158, 866-871.	1.0	25
89	Theiler's Virus Central Nervous System Infection. , 0, , 411-428.		1