Thomas Michiels

List of Publications by Year in descending order

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#	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, .	7.1	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.	3.3	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.	3.3	9
4	Nucleocytoplasmic Trafficking Perturbation Induced by Picornaviruses. Viruses, 2021, 13, 1210.	3.3	13
5	Inhibition of PKR by Viruses. Frontiers in Microbiology, 2021, 12, 757238.	3.5	43
6	<scp>The importance of naturally attenuated SARS oV</scp> â€2 <scp>in the fight against COVID</scp> â€19. Environmental Microbiology, 2020, 22, 1997-2000.	3.8	54
7	IFN-λ Decreases Murid Herpesvirus-4 Infection of the Olfactory Epithelium but Fails to Prevent Virus Reactivation in the Vaginal Mucosa. Viruses, 2019, 11, 757.	3.3	10
8	The Leader Protein of Theiler's Virus Prevents the Activation of PKR. Journal of Virology, 2019, 93, .	3.4	21
9	Interferon lambda (IFN-λ) efficiently blocks norovirus transmission in a mouse model. Antiviral Research, 2018, 149, 7-15.	4.1	24
10	Innate Immune Detection of Cardioviruses and Viral Disruption of Interferon Signaling. Frontiers in Microbiology, 2018, 9, 2448.	3.5	15
11	Species Specificity of Type III Interferon Activity and Development of a Sensitive Luciferase-Based Bioassay for Quantitation of Mouse Interferon-λ. Journal of Interferon and Cytokine Research, 2018, 38, 469-479.	1.2	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.	4.7	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.	3.9	6
15	Study of hepatitis E virus infection of genotype 1 and 3 in mice with humanised liver. Gut, 2017, 66, 920-929.	12.1	113
16	Conserved Fever Pathways across Vertebrates: A Herpesvirus Expressed Decoy TNF-α Receptor Delays Behavioral Fever in Fish. Cell Host and Microbe, 2017, 21, 244-253.	11.0	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.	2.7	5
18	Nonstructural Protein L* Species Specificity Supports a Mouse Origin for Vilyuisk Human Encephalitis Virus. Journal of Virology, 2017, 91, .	3.4	6

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19	Cellular microRNAs Repress Vesicular Stomatitis Virus but Not Theiler's Virus Replication. Viruses, 2016, 8, 75.	3.3	5
20	Abortively Infected Astrocytes Appear To Represent the Main Source of Interferon Beta in the Virus-Infected Brain. Journal of Virology, 2016, 90, 2031-2038.	3.4	77
21	Neurotropism of Saffold virus in a mouse model. Journal of General Virology, 2016, 97, 1350-1355.	2.9	4
22	Reconnaissance et justice éducative. Philosophiques, 2016, 43, 93-113.	0.1	1
23	The Interferon-Inducible Mouse Apolipoprotein L9 and Prohibitins Cooperate to Restrict Theiler's Virus Replication. PLoS ONE, 2015, 10, e0133190.	2.5	43
24	Characterization of Ribosomal Frameshifting in Theiler's Murine Encephalomyelitis Virus. Journal of Virology, 2015, 89, 8580-8589.	3.4	23
25	Inhibition of the OAS/RNase L pathway by viruses. Current Opinion in Virology, 2015, 15, 19-26.	5.4	98
26	Lack of effect of Theiler's murine encephalomyelitis virus infection on system xcâ^'. Neuroscience Letters, 2015, 593, 124-128.	2.1	3
27	Human but Not Mouse Hepatocytes Respond to Interferon-Lambda In Vivo. PLoS ONE, 2014, 9, e87906.	2.5	45
28	Inefficient Type I Interferon-Mediated Antiviral Protection of Primary Mouse Neurons Is Associated with the Lack of Apolipoprotein L9 Expression. Journal of Virology, 2014, 88, 3874-3884.	3.4	24
29	Interferon-λ in the Context of Viral Infections: Production, Response and Therapeutic Implications. Journal of Innate Immunity, 2014, 6, 563-574.	3.8	108
30	Thrombopoietin Activates STAT2 Inducing Type I Interferon Effects and Gene Expression: Implications for in Vivo Tpo Treatment and for Myeloproliferative Neoplasms. Blood, 2014, 124, 820-820.	1.4	0
31	The OAS/RNaseL pathway and its inhibition by viruses. Virologie, 2014, 18, 264-277.	0.1	2
32	Antiviral Type I and Type III Interferon Responses in the Central Nervous System. Viruses, 2013, 5, 834-857.	3.3	47
33	Evasion of Antiviral Innate Immunity by Theiler's Virus L* Protein through Direct Inhibition of RNase L. PLoS Pathogens, 2013, 9, e1003474.	4.7	62
34	IFN-ε Is Constitutively Expressed by Cells of the Reproductive Tract and Is Inefficiently Secreted by Fibroblasts and Cell Lines. PLoS ONE, 2013, 8, e71320.	2.5	50
35	IFN-λ determines the intestinal epithelial antiviral host defense. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 7944-7949.	7.1	369
36	The Leader Protein of Cardioviruses Inhibits Stress Granule Assembly. Journal of Virology, 2011, 85, 9614-9622.	3.4	91

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37	Theiler's Virus L* Protein Is Targeted to the Mitochondrial Outer Membrane. Journal of Virology, 2011, 85, 3690-3694.	3.4	9
38	Differential IFN-α/β production suppressing capacities of the leader proteins of mengovirus and foot-and-mouth disease virus. Cellular Microbiology, 2010, 12, 310-317.	2.1	17
39	Type I Interferon Signaling Contributes to Chronic Inflammation in a Murine Model of Silicosis. Toxicological Sciences, 2010, 116, 682-692.	3.1	33
40	Lambda Interferon Renders Epithelial Cells of the Respiratory and Gastrointestinal Tracts Resistant to Viral Infections. Journal of Virology, 2010, 84, 5670-5677.	3.4	369
41	What Have We Learned from the IL28 Receptor Knockout Mouse?. Journal of Interferon and Cytokine Research, 2010, 30, 579-584.	1.2	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. Journal of Virology, 2009, 83, 11223-11232.	3.4	28
43	Inhibition of mRNA export and dimerization of interferon regulatory factor 3 by Theiler's virus leader protein. Journal of General Virology, 2009, 90, 177-186.	2.9	72
44	PCR-Based Simultaneous Analysis of the Interferon-Alpha Family Reveals Distinct Kinetics for Early Interferons. Journal of Interferon and Cytokine Research, 2008, 28, 653-660.	1.2	5
45	TLR Ligand-Induced Type I IFNs Affect Thymopoiesis. Journal of Immunology, 2008, 180, 7134-7146.	0.8	14
46	IFN-Lambda (IFN-λ) Is Expressed in a Tissue-Dependent Fashion and Primarily Acts on Epithelial Cells In Vivo. PLoS Pathogens, 2008, 4, e1000017.	4.7	672
47	Expression and role of type I interferons in primary mouse neurons after infection with Theiler's virus. BMC Proceedings, 2008, 2, .	1.6	0
48	Typeâ€l interferons inhibit Deltaâ€likeâ€1â€dependent T cell development and increase apoptosis of developing thymocytes in vitro. FASEB Journal, 2008, 22, 661.11.	0.5	0
49	La Crosse Bunyavirus Nonstructural Protein NSs Serves To Suppress the Type I Interferon System of Mammalian Hosts. Journal of Virology, 2007, 81, 4991-4999.	3.4	150
50	Type I interferon response in the central nervous system. Biochimie, 2007, 89, 770-778.	2.6	87
51	The mengovirus leader protein blocks interferon-α/β gene transcription and inhibits activation of interferon regulatory factor 3. Cellular Microbiology, 2007, 9, 2921-2930.	2.1	100
52	Antiâ€ILâ€I 7A Autovaccination Prevents Clinical and Histological Manifestations of Experimental Autoimmune Encephalomyelitis. Annals of the New York Academy of Sciences, 2007, 1110, 330-336.	3.8	37
53	N-Glycosylation of Murine IFN-βin a Putative Receptor-Binding Region. Journal of Interferon and Cytokine Research, 2006, 26, 406-413.	1.2	9
54	Neurons produce type I interferon during viral encephalitis. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 7835-7840.	7.1	229

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55	Cardiovirus leader proteins are functionally interchangeable and have evolved to adapt to virus replication fitness. Journal of General Virology, 2006, 87, 1237-1246.	2.9	43
56	THE GENETICS OF THE PERSISTENT INFECTION AND DEMYELINATING DISEASE CAUSED BY THEILER'S VIRUS. Annual Review of Microbiology, 2005, 59, 279-298.	7.3	130
57	Role of the Interleukin (IL)-28 Receptor Tyrosine Residues for Antiviral and Antiproliferative Activity of IL-29/Interferon-λ1. Journal of Biological Chemistry, 2004, 279, 32269-32274.	3.4	270
58	The Leader Protein of Theiler's Virus Interferes with Nucleocytoplasmic Trafficking of Cellular Proteins. Journal of Virology, 2004, 78, 4357-4362.	3.4	106
59	Characterization of the Murine Alpha Interferon Gene Family. Journal of Virology, 2004, 78, 8219-8228.	3.4	187
60	Characterization of Interferon-α 13, a Novel Constitutive Murine Interferon-α Subtype. Journal of Biological Chemistry, 2003, 278, 46321-46328.	3.4	41
61	Non-AUG-Initiated Internal Translation of the L* Protein of Theiler's Virus and Importance of This Protein for Viral Persistence. Journal of Virology, 2002, 76, 10665-10673.	3.4	61
62	Mutations That Affect the Tropism of DA and GDVII Strains of Theiler's Virus In Vitro Influence Sialic Acid Binding and Pathogenicity. Journal of Virology, 2002, 76, 8138-8147.	3.4	33
63	The Leader Protein of Theiler's Virus Inhibits Immediate-Early Alpha/Beta Interferon Production. Journal of Virology, 2001, 75, 7811-7817.	3.4	117
64	Influence of the Theiler's Virus Lâ^— Protein on Macrophage Infection, Viral Persistence, and Neurovirulence. Journal of Virology, 2000, 74, 9071-9077.	3.4	39
65	A coding RNA sequence acts as a replication signal in cardioviruses. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 11560-11565.	7.1	115
66	Absence of Internal Ribosome Entry Site-Mediated Tissue Specificity in the Translation of a Bicistronic Transgene. Journal of Virology, 1999, 73, 2729-2738.	3.4	34
67	Analysis of Cellular Mutants Resistant to Theiler's Virus Infection: Differential Infection of L929 Cells by Persistent and Neurovirulent Strains. Journal of Virology, 1999, 73, 7248-7254.	3.4	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. Virology, 1998, 244, 397-404.	2.4	49
69	Infection of macrophages by Theiler's murine encephalomyelitis virus is highly dependent on their activation or differentiation state. Journal of Virology, 1997, 71, 8864-8867.	3.4	22
70	Protein 2A is not required for Theiler's virus replication. Journal of Virology, 1997, 71, 9549-9556.	3.4	49
71	Analysis of the Leader and Capsid Coding Regions of Persistent and Neurovirulent Strains of Theiler's Virus. Virology, 1995, 214, 550-558.	2.4	61
72	Individual chaperones required for Yop secretion by Yersinia Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 10493-10497.	7.1	268

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73	Chimeric Theiler's virus with altered tropism for the central nervous system. Journal of Virology, 1994, 68, 2781-2786.	3.4	23
74	A single amino acid change determines persistence of a chimeric Theiler's virus. Journal of Virology, 1994, 68, 3364-3368.	3.4	66
75	Secretion of hybrid proteins by the Yersinia Yop export system. Journal of Bacteriology, 1991, 173, 1677-1685.	2.2	277
76	Analysis of virC, an operon involved in the secretion of Yop proteins by Yersinia enterocolitica. Journal of Bacteriology, 1991, 173, 4994-5009.	2.2	315
77	ymoA, a Yersinia enterocolitica chromosomal gene modulating the expression of virulence functions. Molecular Microbiology, 1991, 5, 1023-1034.	2.5	203
78	The pYV plasmid ofYersiniaencodes a lipoprotein, YlpA, related to TraT. Molecular Microbiology, 1990, 4, 1585-1593.	2.5	70
79	Secretion of Yop proteins by Yersiniae. Infection and Immunity, 1990, 58, 2840-2849.	2.2	409
80	The Yersinia yop regulon. Molecular Microbiology, 1989, 3, 1455-1459.	2.5	208
81	Site-specific recombinations between direct and inverted res sites of Tn2501. Plasmid, 1989, 22, 249-255.	1.4	5
82	Homology between virF, the transcriptional activator of the Yersinia virulence regulon, and AraC, the Escherichia coli arabinose operon regulator. Journal of Bacteriology, 1989, 171, 254-262.	2.2	268
83	Identification of additional virulence determinants on the pYV plasmid of Yersinia enterocolitica W227. Infection and Immunity, 1989, 57, 2534-2541.	2.2	114
84	Nucleotide sequence and transcription analysis of yop51 from Yersinia enterocolitica W22703. Microbial Pathogenesis, 1988, 5, 449-459.	2.9	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 Salmonella typhimurium. Microbial Pathogenesis, 1987, 3, 109-116.	2.9	56
86	Tn2501, a component of the lactose transposon Tn951, is an example of a new category of class II transposable elements. Journal of Bacteriology, 1987, 169, 624-631.	2.2	47
87	Tn951 derivatives designed for high-frequency plasmid-specific transposition and deletion mutagenesis. Gene, 1986, 43, 175-181.	2.2	13
88	Detection and characterization of Tn2501, a transposon included within the lactose transposon Tn951. Journal of Bacteriology, 1984, 158, 866-871.	2.2	25
89	Theiler's Virus Central Nervous System Infection. , 0, , 411-428.		1