

Martin Messerle

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/2982717/martin-messerle-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

116
papers

5,466
citations

39
h-index

71
g-index

119
ext. papers

6,189
ext. citations

8
avg. IF

5.04
L-index

#	Paper	IF	Citations
116	MCMV-based vaccine vectors expressing full-length viral proteins provide long-term humoral immune protection upon a single-shot vaccination.. <i>Cellular and Molecular Immunology</i> , 2022 ,	15.4	1
115	Assembly of infectious Kaposi sarcoma-associated herpesvirus progeny requires formation of a pORF19 pentamer. <i>PLoS Biology</i> , 2021 , 19, e3001423	9.7	1
114	Construction of Human Cytomegalovirus Mutants with Markerless BAC Mutagenesis. <i>Methods in Molecular Biology</i> , 2021 , 2244, 133-158	1.4	2
113	Comprehensive Analysis of Human Cytomegalovirus- and HIV-Mediated Plasma Membrane Remodeling in Macrophages. <i>MBio</i> , 2021 , 12, e0177021	7.8	1
112	Cytomegalovirus restricts ICOSL expression on antigen-presenting cells disabling T cell co-stimulation and contributing to immune evasion. <i>ELife</i> , 2021 , 10,	8.9	2
111	The Cytomegalovirus Tegument Protein UL35 Antagonizes Pattern Recognition Receptor-Mediated Type I IFN Transcription. <i>Microorganisms</i> , 2020 , 8,	4.9	5
110	Differential effects of Belatacept on virus-specific memory versus de novo allo-specific T cell responses of kidney transplant recipients and healthy donors. <i>Transplant Immunology</i> , 2020 , 61, 101291	1.7	1
109	Labyrinthopeptins Exert Broad-Spectrum Antiviral Activity through Lipid-Binding-Mediated Virolysis. <i>Journal of Virology</i> , 2020 , 94,	6.6	18
108	Repertoire characterization and validation of gB-specific human IgGs directly cloned from humanized mice vaccinated with dendritic cells and protected against HCMV. <i>PLoS Pathogens</i> , 2020 , 16, e1008560	7.6	7
107	Murine Cytomegalovirus M25 Proteins Sequester the Tumor Suppressor Protein p53 in Nuclear Accumulations. <i>Journal of Virology</i> , 2020 , 94,	6.6	3
106	Repertoire characterization and validation of gB-specific human IgGs directly cloned from humanized mice vaccinated with dendritic cells and protected against HCMV 2020 , 16, e1008560		
105	Repertoire characterization and validation of gB-specific human IgGs directly cloned from humanized mice vaccinated with dendritic cells and protected against HCMV 2020 , 16, e1008560		
104	Repertoire characterization and validation of gB-specific human IgGs directly cloned from humanized mice vaccinated with dendritic cells and protected against HCMV 2020 , 16, e1008560		
103	Repertoire characterization and validation of gB-specific human IgGs directly cloned from humanized mice vaccinated with dendritic cells and protected against HCMV 2020 , 16, e1008560		
102	Repertoire characterization and validation of gB-specific human IgGs directly cloned from humanized mice vaccinated with dendritic cells and protected against HCMV 2020 , 16, e1008560		
101	Repertoire characterization and validation of gB-specific human IgGs directly cloned from humanized mice vaccinated with dendritic cells and protected against HCMV 2020 , 16, e1008560		
100	Repertoire characterization and validation of gB-specific human IgGs directly cloned from humanized mice vaccinated with dendritic cells and protected against HCMV 2020 , 16, e1008560		

99	Repertoire characterization and validation of gB-specific human IgGs directly cloned from humanized mice vaccinated with dendritic cells and protected against HCMV 2020 , 16, e1008560		
98	A Prominent Role of the Human Cytomegalovirus UL8 Glycoprotein in Restraining Proinflammatory Cytokine Production by Myeloid Cells at Late Times during Infection. <i>Journal of Virology</i> , 2018 , 92,	6.6	14
97	Peptide-specific recognition of human cytomegalovirus strains controls adaptive natural killer cells. <i>Nature Immunology</i> , 2018 , 19, 453-463	19.1	180
96	Fine Mapping the Interaction Between Dendritic Cell-Specific Intercellular Adhesion Molecule (ICAM)-3-Grabbing Nonintegrin and the Cytomegalovirus Envelope Glycoprotein B. <i>Journal of Infectious Diseases</i> , 2018 , 218, 490-503	7	10
95	Prevention of tuberculosis in rhesus macaques by a cytomegalovirus-based vaccine. <i>Nature Medicine</i> , 2018 , 24, 130-143	50.5	141
94	Myeloid Dendritic Cells Repress Human Cytomegalovirus Gene Expression and Spread by Releasing Interferon-Unrelated Soluble Antiviral Factors. <i>Journal of Virology</i> , 2018 , 92,	6.6	10
93	The C-terminal part of the human cytomegalovirus terminase subunit pUL51 is central for terminase complex assembly. <i>Journal of General Virology</i> , 2018 , 99, 119-134	4.9	3
92	Signatures of T and B Cell Development, Functional Responses and PD-1 Upregulation After HCMV Latent Infections and Reactivations in Nod.Rag.Gamma Mice Humanized With Cord Blood CD34 Cells. <i>Frontiers in Immunology</i> , 2018 , 9, 2734	8.4	15
91	Laboratory diagnostics of murine blood for detection of mouse cytomegalovirus (MCMV)-induced hepatitis. <i>Scientific Reports</i> , 2018 , 8, 14823	4.9	11
90	Control of primary mouse cytomegalovirus infection in lung nodular inflammatory foci by cooperation of interferon-gamma expressing CD4 and CD8 T cells. <i>PLoS Pathogens</i> , 2018 , 14, e1007252	7.6	10
89	Systemic Virus Infections Differentially Modulate Cell Cycle State and Functionality of Long-Term Hematopoietic Stem Cells In Vivo. <i>Cell Reports</i> , 2017 , 19, 2345-2356	10.6	40
88	Cytomegalovirus vector expressing RAE-1 induces enhanced anti-tumor capacity of murine CD8 T cells. <i>European Journal of Immunology</i> , 2017 , 47, 1354-1367	6.1	14
87	Mutual Interplay between the Human Cytomegalovirus Terminase Subunits pUL51, pUL56, and pUL89 Promotes Terminase Complex Formation. <i>Journal of Virology</i> , 2017 , 91,	6.6	24
86	Human cytomegalovirus escapes immune recognition by NK cells through the downregulation of B7-H6 by the viral genes US18 and US20. <i>Scientific Reports</i> , 2017 , 7, 8661	4.9	24
85	The M25 gene products are critical for the cytopathic effect of mouse cytomegalovirus. <i>Scientific Reports</i> , 2017 , 7, 15588	4.9	6
84	The Essential Human Cytomegalovirus Proteins pUL77 and pUL93 Are Structural Components Necessary for Viral Genome Encapsidation. <i>Journal of Virology</i> , 2016 , 90, 5860-5875	6.6	26
83	In Vivo Killing Capacity of Cytotoxic T Cells Is Limited and Involves Dynamic Interactions and T Cell Cooperativity. <i>Immunity</i> , 2016 , 44, 233-45	32.3	131
82	cGAS Senses Human Cytomegalovirus and Induces Type I Interferon Responses in Human Monocyte-Derived Cells. <i>PLoS Pathogens</i> , 2016 , 12, e1005546	7.6	112

81	The Mouse Cytomegalovirus Gene m42 Targets Surface Expression of the Protein Tyrosine Phosphatase CD45 in Infected Macrophages. <i>PLoS Pathogens</i> , 2016 , 12, e1006057	7.6	9
80	Activation of Innate and Adaptive Immunity by a Recombinant Human Cytomegalovirus Strain Expressing an NKG2D Ligand. <i>PLoS Pathogens</i> , 2016 , 12, e1006015	7.6	15
79	Inflammatory monocytes and NK cells play a crucial role in DNAM-1-dependent control of cytomegalovirus infection. <i>Journal of Experimental Medicine</i> , 2016 , 213, 1835-50	16.6	32
78	Viral interference with functions of the cellular receptor tyrosine phosphatase CD45. <i>Viruses</i> , 2015 , 7, 1540-57	6.2	12
77	Cytomegalovirus immune evasion of myeloid lineage cells. <i>Medical Microbiology and Immunology</i> , 2015 , 204, 367-82	4	28
76	Engineered dendritic cells from cord blood and adult blood accelerate effector T cell immune reconstitution against HCMV. <i>Molecular Therapy - Methods and Clinical Development</i> , 2015 , 1, 14060	6.4	19
75	Reversible silencing of cytomegalovirus genomes by type I interferon governs virus latency. <i>PLoS Pathogens</i> , 2014 , 10, e1003962	7.6	42
74	Cytomegalovirus m154 hinders CD48 cell-surface expression and promotes viral escape from host natural killer cell control. <i>PLoS Pathogens</i> , 2014 , 10, e1004000	7.6	28
73	Analysis of essential viral gene functions after highly efficient adenofection of cells with cloned human cytomegalovirus genomes. <i>Viruses</i> , 2014 , 6, 354-70	6.2	8
72	Expression of the human cytomegalovirus UL11 glycoprotein in viral infection and evaluation of its effect on virus-specific CD8 T cells. <i>Journal of Virology</i> , 2014 , 88, 14326-39	6.6	17
71	M27 expressed by cytomegalovirus counteracts effective type I interferon induction of myeloid cells but not of plasmacytoid dendritic cells. <i>Journal of Virology</i> , 2014 , 88, 13638-50	6.6	20
70	Lack of XBP-1 impedes murine cytomegalovirus gene expression. <i>PLoS ONE</i> , 2014 , 9, e110942	3.7	6
69	Use of recombinant approaches to construct human cytomegalovirus mutants. <i>Methods in Molecular Biology</i> , 2014 , 1119, 59-79	1.4	4
68	Superior induction and maintenance of protective CD8 T cells in mice infected with mouse cytomegalovirus vector expressing RAE-1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 16550-5	11.5	20
67	Novel DNA polymerase mutations conferring cytomegalovirus resistance: input of BAC-recombinant phenotyping and 3D model. <i>Antiviral Research</i> , 2013 , 98, 130-4	10.8	14
66	The human cytomegalovirus UL51 protein is essential for viral genome cleavage-packaging and interacts with the terminase subunits pUL56 and pUL89. <i>Journal of Virology</i> , 2013 , 87, 1720-32	6.6	62
65	Absence of Siglec-H in MCMV infection elevates interferon alpha production but does not enhance viral clearance. <i>PLoS Pathogens</i> , 2013 , 9, e1003648	7.6	37
64	Nodular inflammatory foci are sites of T cell priming and control of murine cytomegalovirus infection in the neonatal lung. <i>PLoS Pathogens</i> , 2013 , 9, e1003828	7.6	33

63	Priming of CD8+ T cells against cytomegalovirus-encoded antigens is dominated by cross-presentation. <i>Journal of Immunology</i> , 2013 , 190, 2767-77	5.3	44
62	A peptide inhibitor of cytomegalovirus infection from human hemofiltrate. <i>Antimicrobial Agents and Chemotherapy</i> , 2013 , 57, 4751-60	5.9	26
61	Ablation of the regulatory IE1 protein of murine cytomegalovirus alters in vivo pro-inflammatory TNF-alpha production during acute infection. <i>PLoS Pathogens</i> , 2012 , 8, e1002901	7.6	9
60	Single cell detection of latent cytomegalovirus reactivation in host tissue. <i>Journal of General Virology</i> , 2011 , 92, 1279-1291	4.9	39
59	Genetic labeling reveals altered turnover and stability of innate lymphocytes in latent mouse cytomegalovirus infection. <i>Journal of Immunology</i> , 2011 , 186, 2918-25	5.3	4
58	The activator protein 1 binding motifs within the human cytomegalovirus major immediate-early enhancer are functionally redundant and act in a cooperative manner with the NF- κ B sites during acute infection. <i>Journal of Virology</i> , 2011 , 85, 1732-46	6.6	28
57	Temporal profiling of the coding and noncoding murine cytomegalovirus transcriptomes. <i>Journal of Virology</i> , 2011 , 85, 6065-76	6.6	24
56	The human cytomegalovirus UL11 protein interacts with the receptor tyrosine phosphatase CD45, resulting in functional paralysis of T cells. <i>PLoS Pathogens</i> , 2011 , 7, e1002432	7.6	37
55	Prolonged endoplasmic reticulum stress promotes mislocalization of immunoglobulins to the cytoplasm. <i>Molecular Immunology</i> , 2010 , 47, 1719-27	4.3	10
54	Recombinant mouse cytomegalovirus expressing a ligand for the NKG2D receptor is attenuated and has improved vaccine properties. <i>Journal of Clinical Investigation</i> , 2010 , 120, 4532-45	15.9	59
53	The mouse cytomegalovirus immediate-early 1 gene is not required for establishment of latency or for reactivation in the lungs. <i>Journal of Virology</i> , 2009 , 83, 4030-8	6.6	9
52	Conditional and reversible disruption of essential herpesvirus proteins. <i>Nature Methods</i> , 2009 , 6, 577-9	21.6	43
51	A redshifted codon-optimized firefly luciferase is a sensitive reporter for bioluminescence imaging. <i>Photochemical and Photobiological Sciences</i> , 2009 , 8, 52-6	4.2	41
50	Nuclear egress and envelopment of herpes simplex virus capsids analyzed with dual-color fluorescence HSV1(17+). <i>Journal of Virology</i> , 2008 , 82, 3109-24	6.6	66
49	In vivo competence of murine cytomegalovirus under the control of the human cytomegalovirus major immediate-early enhancer in the establishment of latency and reactivation. <i>Journal of Virology</i> , 2008 , 82, 10302-7	6.6	6
48	Cloning and sequencing of a highly productive, endotheliotropic virus strain derived from human cytomegalovirus TB40/E. <i>Journal of General Virology</i> , 2008 , 89, 359-368	4.9	280
47	The essential human cytomegalovirus gene UL52 is required for cleavage-packaging of the viral genome. <i>Journal of Virology</i> , 2008 , 82, 2065-78	6.6	40
46	Phenotypes of major immediate-early gene mutants of mouse cytomegalovirus. <i>Medical Microbiology and Immunology</i> , 2008 , 197, 233-40	4	22

45	Tumor-specific activity of cellular regulatory elements is down-regulated upon insertion into the herpes simplex virus genome. <i>Journal of NeuroVirology</i> , 2008 , 14, 522-35	3.9	7
44	Protection from CMV infection in immunodeficient hosts by adoptive transfer of memory B cells. <i>Blood</i> , 2007 , 110, 3472-9	2.2	89
43	Use of bacterial artificial chromosomes in generating targeted mutations in human and mouse cytomegaloviruses. <i>Current Protocols in Immunology</i> , 2007 , Chapter 10, Unit 10.32	4	32
42	Regulation of the transcription and replication cycle of human cytomegalovirus is insensitive to genetic elimination of the cognate NF-kappaB binding sites in the enhancer. <i>Journal of Virology</i> , 2006 , 80, 9899-904	6.6	37
41	The herpesviral Fc receptor fcr-1 down-regulates the NKG2D ligands MULT-1 and H60. <i>Journal of Experimental Medicine</i> , 2006 , 203, 1843-50	16.6	84
40	Identification of the interaction domain of the small terminase subunit pUL89 with the large subunit pUL56 of human cytomegalovirus. <i>Biochemistry</i> , 2006 , 45, 8855-63	3.2	39
39	Elimination of ie1 significantly attenuates murine cytomegalovirus virulence but does not alter replicative capacity in cell culture. <i>Journal of Virology</i> , 2005 , 79, 7182-94	6.6	37
38	Analysis of human cytomegalovirus oriLyf sequence requirements in the context of the viral genome. <i>Journal of Virology</i> , 2005 , 79, 3615-26	6.6	38
37	NK cell activation through the NKG2D ligand MULT-1 is selectively prevented by the glycoprotein encoded by mouse cytomegalovirus gene m145. <i>Journal of Experimental Medicine</i> , 2005 , 201, 211-20	16.6	128
36	Selective down-regulation of the NKG2D ligand H60 by mouse cytomegalovirus m155 glycoprotein. <i>Journal of Virology</i> , 2005 , 79, 2920-30	6.6	94
35	Use of a murine cytomegalovirus K181-derived bacterial artificial chromosome as a vaccine vector for immunocontraception. <i>Journal of Virology</i> , 2005 , 79, 2998-3008	6.6	71
34	Frequent coinfection of cells explains functional in vivo complementation between cytomegalovirus variants in the multiply infected host. <i>Journal of Virology</i> , 2005 , 79, 9492-502	6.6	106
33	Mutagenesis of herpesvirus BACs by allele replacement. <i>Methods in Molecular Biology</i> , 2004 , 256, 269-79	1.4	15
32	Neutrality of the canonical NF-kappaB-dependent pathway for human and murine cytomegalovirus transcription and replication in vitro. <i>Journal of Virology</i> , 2004 , 78, 741-50	6.6	66
31	Cross-presentation of Listeria-derived CD8 T cell epitopes requires unstable bacterial translation products. <i>Journal of Immunology</i> , 2004 , 173, 5644-51	5.3	21
30	Cloning of beta-herpesvirus genomes as bacterial artificial chromosomes. <i>Methods in Molecular Biology</i> , 2004 , 256, 221-39	1.4	12
29	Identification of a mouse cytomegalovirus gene selectively targeting CD86 expression on antigen-presenting cells. <i>Journal of Virology</i> , 2004 , 78, 13062-71	6.6	52
28	An essential role of the enhancer for murine cytomegalovirus in vivo growth and pathogenesis. <i>Journal of Virology</i> , 2003 , 77, 3217-28	6.6	31

27	Cloning of herpesviral genomes as bacterial artificial chromosomes. <i>Reviews in Medical Virology</i> , 2003 , 13, 111-21	11.7	65
26	Murine cytomegalovirus abortively infects human dendritic cells, leading to expression and presentation of virally vectored genes. <i>Journal of Virology</i> , 2003 , 77, 7182-92	6.6	24
25	Dendritic cells under influence of mouse cytomegalovirus have a physiologic dual role: to initiate and to restrict T cell activation. <i>Journal of Infectious Diseases</i> , 2003 , 187, 988-99	7	60
24	Construction of a cytomegalovirus-based amplicon: a vector with a unique transfer capacity. <i>Human Gene Therapy</i> , 2003 , 14, 959-70	4.8	14
23	Identification and expression of human cytomegalovirus transcription units coding for two distinct Fcγ receptor homologs. <i>Journal of Virology</i> , 2002 , 76, 8596-608	6.6	142
22	Proteolytic processing of human cytomegalovirus glycoprotein B is dispensable for viral growth in culture. <i>Journal of Virology</i> , 2002 , 76, 1252-64	6.6	33
21	Human cytomegalovirus binding to DC-SIGN is required for dendritic cell infection and target cell trans-infection. <i>Immunity</i> , 2002 , 17, 653-64	32.3	302
20	The products of the UL10 (gM) and the UL49.5 genes of Marek's disease virus serotype 1 are essential for virus growth in cultured cells. <i>Journal of General Virology</i> , 2002 , 83, 997-1003	4.9	52
19	Virus reconstituted from infectious bacterial artificial chromosome (BAC)-cloned murine gammaherpesvirus 68 acquires wild-type properties in vivo only after excision of BAC vector sequences. <i>Journal of Virology</i> , 2001 , 75, 5692-6	6.6	76
18	Genetic evidence of an essential role for cytomegalovirus small capsid protein in viral growth. <i>Journal of Virology</i> , 2001 , 75, 1450-8	6.6	48
17	Cytomegalovirus bacterial artificial chromosomes: a new herpesvirus vector approach. <i>Advances in Virus Research</i> , 2000 , 55, 463-78	10.7	16
16	Forward with BACs: new tools for herpesvirus genomics. <i>Trends in Genetics</i> , 2000 , 16, 254-9	8.5	91
15	Cloning and mutagenesis of the murine gammaherpesvirus 68 genome as an infectious bacterial artificial chromosome. <i>Journal of Virology</i> , 2000 , 74, 6964-74	6.6	280
14	The major immediate-early gene ie3 of mouse cytomegalovirus is essential for viral growth. <i>Journal of Virology</i> , 2000 , 74, 11129-36	6.6	82
13	Comparison between human cytomegalovirus pUL97 and murine cytomegalovirus (MCMV) pM97 expressed by MCMV and vaccinia virus: pM97 does not confer ganciclovir sensitivity. <i>Journal of Virology</i> , 2000 , 74, 10729-36	6.6	32
12	Fast screening procedures for random transposon libraries of cloned herpesvirus genomes: mutational analysis of human cytomegalovirus envelope glycoprotein genes. <i>Journal of Virology</i> , 2000 , 74, 7720-9	6.6	201
11	Identification of a boundary domain adjacent to the potent human cytomegalovirus enhancer that represses transcription of the divergent UL127 promoter. <i>Journal of Virology</i> , 2000 , 74, 2826-39	6.6	20
10	Cloning of the human cytomegalovirus (HCMV) genome as an infectious bacterial artificial chromosome in <i>Escherichia coli</i> : a new approach for construction of HCMV mutants. <i>Journal of Virology</i> , 1999 , 73, 8320-9	6.6	327

9	The immunoevasive function encoded by the mouse cytomegalovirus gene m152 protects the virus against T cell control in vivo. <i>Journal of Experimental Medicine</i> , 1999 , 190, 1285-96	16.6	112
8	Rapid identification of essential and nonessential herpesvirus genes by direct transposon mutagenesis. <i>Nature Biotechnology</i> , 1999 , 17, 360-4	44.5	100
7	Systematic excision of vector sequences from the BAC-cloned herpesvirus genome during virus reconstitution. <i>Journal of Virology</i> , 1999 , 73, 7056-60	6.6	258
6	Enhancer requirement for murine cytomegalovirus growth and genetic complementation by the human cytomegalovirus enhancer. <i>Journal of Virology</i> , 1998 , 72, 8502-9	6.6	43
5	Virus attenuation after deletion of the cytomegalovirus Fc receptor gene is not due to antibody control. <i>Journal of Virology</i> , 1998 , 72, 1377-82	6.6	63
4	The location and sequence composition of the murine cytomegalovirus replicator (oriLyt). <i>Virology</i> , 1997 , 230, 350-60	3.6	11
3	Characterization of a conserved gene block in the murine cytomegalovirus genome. <i>Virus Genes</i> , 1995 , 10, 73-80	2.3	3
2	Characterization of the murine cytomegalovirus genes encoding the major DNA binding protein and the ICP18.5 homolog. <i>Virology</i> , 1992 , 191, 355-67	3.6	27
1	Molecular analysis of herpesviral gene products recognized by protective cytolytic T lymphocytes. <i>Immunology Letters</i> , 1987 , 16, 185-92	4.1	20