

Marco Binder

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

5,033
citations

172207

29
h-index

214527

47
g-index

91
all docs

91
docs citations

91
times ranked

7646
citing authors

#	ARTICLE	IF	CITATIONS
1	Pre-activated antiviral innate immunity in the upper airways controls early SARS-CoV-2 infection in children. <i>Nature Biotechnology</i> , 2022, 40, 319-324.	9.4	229
2	SARS-CoV-2 infection induces a pro-inflammatory cytokine response through cGAS-STING and NF- κ B. <i>Communications Biology</i> , 2022, 5, 45.	2.0	133
3	The Interferon Response Dampens the Usutu Virus Infection-Associated Increase in Glycolysis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 823181.	1.8	6
4	Cooperative effects of RIG-I-like receptor signaling and IRF1 on DNA damage-induced cell death. <i>Cell Death and Disease</i> , 2022, 13, 364.	2.7	7
5	Hypertension delays viral clearance and exacerbates airway hyperinflammation in patients with COVID-19. <i>Nature Biotechnology</i> , 2021, 39, 705-716.	9.4	129
6	TLR3 Activation by Zika Virus Stimulates Inflammatory Cytokine Production Which Dampens the Antiviral Response Induced by RIG-I-Like Receptors. <i>Journal of Virology</i> , 2021, 95, .	1.5	19
7	MultiEditR: The first tool for the detection and quantification of RNA editing from Sanger sequencing demonstrates comparable fidelity to RNA-seq. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 25, 515-523.	2.3	11
8	Comparative Analysis of Six IRF Family Members in Alveolar Epithelial Cell-Intrinsic Antiviral Responses. <i>Cells</i> , 2021, 10, 2600.	1.8	15
9	NUDT2 initiates viral RNA degradation by removal of 5â€²-phosphates. <i>Nature Communications</i> , 2021, 12, 6918.	5.8	13
10	Gene Expression Profiling of Different Huh7 Variants Reveals Novel Hepatitis C Virus Host Factors. <i>Viruses</i> , 2020, 12, 36.	1.5	5
11	Identification of Interleukin 1 β as an Amplifier of Interferon alpha-induced Antiviral Responses. <i>PLoS Pathogens</i> , 2020, 16, e1008461.	2.1	5
12	A Coupled Mathematical Model of the Intracellular Replication of Dengue Virus and the Host Cell Immune Response to Infection. <i>Frontiers in Microbiology</i> , 2020, 11, 725.	1.5	28
13	Persistent Innate Immune Stimulation Results in IRF3-Mediated but Caspase-Independent Cytostasis. <i>Viruses</i> , 2020, 12, 635.	1.5	9
14	Host factor prioritization for pan-viral genetic perturbation screens using random intercept models and network propagation. <i>PLoS Computational Biology</i> , 2020, 16, e1007587.	1.5	11
15	A dual role for hepatocyte-intrinsic canonical NF- κ B signaling in virus control. <i>Journal of Hepatology</i> , 2020, 72, 960-975.	1.8	18
16	Mechanistic modeling explains the dsRNA length-dependent activation of the RIG-I mediated immune response. <i>Journal of Theoretical Biology</i> , 2020, 500, 110336.	0.8	5
17	Disentangling molecular mechanisms regulating sensitization of interferon alpha signal transduction. <i>Molecular Systems Biology</i> , 2020, 16, e8955.	3.2	41
18	Title is missing!. , 2020, 16, e1007587.		0

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19	Title is missing!. , 2020, 16, e1007587.		0
20	Title is missing!. , 2020, 16, e1007587.		0
21	Title is missing!. , 2020, 16, e1007587.		0
22	RIPLET, and not TRIM25, is required for endogenous RIG-I-dependent antiviral responses. Immunology and Cell Biology, 2019, 97, 840-852.	1.0	70
23	Ubiquitin-Dependent and -Independent Roles of E3 Ligase RIPLET in Innate Immunity. Cell, 2019, 177, 1187-1200.e16.	13.5	141
24	Antiviral activity of bone morphogenetic proteins and activins. Nature Microbiology, 2019, 4, 339-351.	5.9	39
25	Tackling the HCV Life Cycle with Mathematical Modeling – Decoding the Enigma. , 2019, 57, .		0
26	Activation of the interferon response by HCV is mediated by MDA5 and potentiated by LGP2. , 2019, 57, .		0
27	HBV Bypasses the Innate Immune Response and Does Not Protect HCV From Antiviral Activity of Interferon. Gastroenterology, 2018, 154, 1791-1804.e22.	0.6	128
28	Secretion of Hepatitis C Virus Replication Intermediates Reduces Activation of Toll-Like Receptor 3 in Hepatocytes. Gastroenterology, 2018, 154, 2237-2251.e16.	0.6	63
29	Phosphorylation of TRIM28 Enhances the Expression of IFN- β and Proinflammatory Cytokines During HPAIV Infection of Human Lung Epithelial Cells. Frontiers in Immunology, 2018, 9, 2229.	2.2	64
30	Phosphorylation-Dependent Feedback Inhibition of RIG-I by DAPK1 Identified by Kinome-wide siRNA Screening. Molecular Cell, 2017, 65, 403-415.e8.	4.5	40
31	Reovirus intermediate subviral particles constitute a strategy to infect intestinal epithelial cells by exploiting TGF- β dependent pro-survival signaling. Cellular Microbiology, 2016, 18, 1831-1845.	1.1	36
32	Type I and type II interferon responses in two human liver cell lines (Huh-7 and HuH6). Genomics Data, 2016, 7, 166-170.	1.3	9
33	Sensing of HIV-1 Infection in Tzm-bl Cells with Reconstituted Expression of STING. Journal of Virology, 2016, 90, 2064-2076.	1.5	29
34	Activation of Type I and III Interferon Response by Mitochondrial and Peroxisomal MAVS and Inhibition by Hepatitis C Virus. PLoS Pathogens, 2015, 11, e1005264.	2.1	125
35	Control of temporal activation of hepatitis C virus-induced interferon response by domain 2 of nonstructural protein 5A. Journal of Hepatology, 2015, 63, 829-837.	1.8	47
36	DDX60L Is an Interferon-Stimulated Gene Product Restricting Hepatitis C Virus Replication in Cell Culture. Journal of Virology, 2015, 89, 10548-10568.	1.5	50

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37	A Coding IRAK2 Protein Variant Compromises Toll-like receptor (TLR) Signaling and Is Associated with Colorectal Cancer Survival. <i>Journal of Biological Chemistry</i> , 2014, 289, 23123-23131.	1.6	18
38	Hepatitis C: A mouse at the end of the tunnel. <i>Cell Research</i> , 2013, 23, 1343-1344.	5.7	0
39	Hepatitis C virus targets the interferon- γ JAK/STAT pathway by promoting proteasomal degradation in immune cells and hepatocytes. <i>FEBS Letters</i> , 2013, 587, 1571-1578.	1.3	45
40	Robust RNAi enhancement via human Argonaute-2 overexpression from plasmids, viral vectors and cell lines. <i>Nucleic Acids Research</i> , 2013, 41, e199-e199.	6.5	53
41	Replication Vesicles are Load- and Choke-Points in the Hepatitis C Virus Lifecycle. <i>PLoS Pathogens</i> , 2013, 9, e1003561.	2.1	77
42	Analysis of hepatitis C virus resistance to silibinin <i>in vitro</i> and <i>in vivo</i> points to a novel mechanism involving nonstructural protein 4B. <i>Hepatology</i> , 2013, 57, 953-963.	3.6	44
43	785 INNATE SIGNALING BY HEPATITIS C VIRUS IS RIG-I AND MDA5 DEPENDENT AND MODULATED BY NS5A DOMAIN II. <i>Journal of Hepatology</i> , 2012, 56, S308.	1.8	0
44	Identification of type I and type II interferon-induced effectors controlling hepatitis C virus replication. <i>Hepatology</i> , 2012, 56, 2082-2093.	3.6	138
45	Viral immune modulators perturb the human molecular network by common and unique strategies. <i>Nature</i> , 2012, 487, 486-490.	13.7	249
46	Failure of innate and adaptive immune responses in controlling hepatitis C virus infection. <i>FEMS Microbiology Reviews</i> , 2012, 36, 663-683.	3.9	103
47	Normalizing for individual cell population context in the analysis of high-content cellular screens. <i>BMC Bioinformatics</i> , 2011, 12, 485.	1.2	22
48	Human leukocyte antigen B27 selects for rare escape mutations that significantly impair hepatitis C virus replication and require compensatory mutations. <i>Hepatology</i> , 2011, 54, 1157-1166.	3.6	47
49	RNA helicase retinoic acid-inducible gene I as a sensor of Hantaan virus replication. <i>Journal of General Virology</i> , 2011, 92, 2191-2200.	1.3	38
50	Molecular Mechanism of Signal Perception and Integration by the Innate Immune Sensor Retinoic Acid-inducible Gene-I (RIG-I). <i>Journal of Biological Chemistry</i> , 2011, 286, 27278-27287.	1.6	112
51	Role of Annexin A2 in the Production of Infectious Hepatitis C Virus Particles. <i>Journal of Virology</i> , 2010, 84, 5775-5789.	1.5	114
52	Bacterial RNA is recognized by different sets of immunoreceptors. <i>European Journal of Immunology</i> , 2009, 39, 2537-2547.	1.6	68
53	Identification of Determinants Involved in Initiation of Hepatitis C Virus RNA Synthesis by Using Intergenotypic Replicase Chimeras. <i>Journal of Virology</i> , 2007, 81, 5270-5283.	1.5	92
54	Hepatitis C virus escape from the interferon regulatory factor 3 pathway by a passive and active evasion strategy. <i>Hepatology</i> , 2007, 46, 1365-1374.	3.6	100

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55	Cardif is an adaptor protein in the RIG-I antiviral pathway and is targeted by hepatitis C virus. Nature, 2005, 437, 1167-1172.	13.7	2,136