

Thomas Zillinger

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

3,666
citations

361413

20
h-index

434195

31
g-index

38
all docs

38
docs citations

38
times ranked

5624
citing authors

#	ARTICLE	IF	CITATIONS
1	Cyclic [G(2â€²,5â€²)pA(3â€²,5â€²)p] Is the Metazoan Second Messenger Produced by DNA-Activated Cyclic GMP-AMP Synthase. <i>Cell</i> , 2013, 153, 1094-1107.	28.9	795
2	Structure-Function Analysis of STING Activation by c[G(2â€²,5â€²)pA(3â€²,5â€²)p] and Targeting by Antiviral DMXAA. <i>Cell</i> , 2013, 154, 748-762.	28.9	472
3	Antiviral immunity via RIG-I-mediated recognition of RNA bearing 5â€²-diphosphates. <i>Nature</i> , 2014, 514, 372-375.	27.8	459
4	Oxidative Damage of DNA Confers Resistance to Cytosolic Nuclease TREX1 Degradation and Potentiates STING-Dependent Immune Sensing. <i>Immunity</i> , 2013, 39, 482-495.	14.3	338
5	Host-cell sensors for Plasmodium activate innate immunity against liver-stage infection. <i>Nature Medicine</i> , 2014, 20, 47-53.	30.7	256
6	A Conserved Histidine in the RNA Sensor RIG-I Controls Immune Tolerance to N1-2â€²-O-Methylated Self RNA. <i>Immunity</i> , 2015, 43, 41-51.	14.3	221
7	Sequence-specific activation of the DNA sensor cGAS by Y-form DNA structures as found in primary HIV-1 cDNA. <i>Nature Immunology</i> , 2015, 16, 1025-1033.	14.5	202
8	Middle East Respiratory Syndrome Coronavirus Accessory Protein 4a Is a Type I Interferon Antagonist. <i>Journal of Virology</i> , 2013, 87, 12489-12495.	3.4	179
9	Binding-Pocket and Lid-Region Substitutions Render Human STING Sensitive to the Species-Specific Drug DMXAA. <i>Cell Reports</i> , 2014, 8, 1668-1676.	6.4	87
10	Immune Sensing of Synthetic, Bacterial, and Protozoan RNA by Toll-like Receptor 8 Requires Coordinated Processing by RNase T2 and RNase 2. <i>Immunity</i> , 2020, 52, 591-605.e6.	14.3	83
11	Targeted Activation of RNA Helicase Retinoic Acidâ€²-Inducible Gene-1 Induces Proimmunogenic Apoptosis of Human Ovarian Cancer Cells. <i>Cancer Research</i> , 2010, 70, 5293-5304.	0.9	77
12	RIG-I Detects Triphosphorylated RNA of <i>Listeria monocytogenes</i> during Infection in Non-Immune Cells. <i>PLoS ONE</i> , 2013, 8, e62872.	2.5	68
13	Suppressive oligodeoxynucleotides containing TTAGGG motifs inhibit cGAS activation in human monocytes. <i>European Journal of Immunology</i> , 2018, 48, 605-611.	2.9	60
14	Citraconate inhibits ACOD1 (IRG1) catalysis, reduces interferon responses and oxidative stress, and modulates inflammation and cell metabolism. <i>Nature Metabolism</i> , 2022, 4, 534-546.	11.9	48
15	cGAS-Mediated Innate Immunity Spreads Intercellularly through HIV-1 Env-Induced Membrane Fusion Sites. <i>Cell Host and Microbe</i> , 2016, 20, 443-457.	11.0	46
16	Deficiency in coatamer complex I causes aberrant activation of STING signalling. <i>Nature Communications</i> , 2022, 13, 2321.	12.8	43
17	MAPK-pathway inhibition mediates inflammatory reprogramming and sensitizes tumors to targeted activation of innate immunity sensor RIG-I. <i>Nature Communications</i> , 2021, 12, 5505.	12.8	30
18	Human TLR8 Senses RNA From Plasmodium falciparum-Infected Red Blood Cells Which Is Uniquely Required for the IFN-Î³ Response in NK Cells. <i>Frontiers in Immunology</i> , 2019, 10, 371.	4.8	26

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19	SIVcol Nef counteracts SERINC5 by promoting its proteasomal degradation but does not efficiently enhance HIV-1 replication in human CD4+ T cells and lymphoid tissue. <i>PLoS Pathogens</i> , 2018, 14, e1007269.	4.7	25
20	Malaria parasites both repress host CXCL10 and use it as a cue for growth acceleration. <i>Nature Communications</i> , 2021, 12, 4851.	12.8	22
21	Absence of cGAS-mediated type I IFN responses in HIV-1-infected T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 19475-19486.	7.1	20
22	Monocyte-Mediated Inhibition of TLR9-Dependent IFN- α Induction in Plasmacytoid Dendritic Cells Questions Bacterial DNA as the Active Ingredient of Bacterial Lysates. <i>Journal of Immunology</i> , 2010, 185, 7367-7373.	0.8	19
23	Animal models of SARS-CoV-2 and COVID-19 for the development of prophylactic and therapeutic interventions. , 2021, 228, 107931.		18
24	Characterization of Endogenous SERINC5 Protein as Anti-HIV-1 Factor. <i>Journal of Virology</i> , 2019, 93, .	3.4	17
25	Recessive NLR4-Autoinflammatory Disease Reveals an Ulcerative Colitis Locus. <i>Journal of Clinical Immunology</i> , 2022, 42, 325-335.	3.8	17
26	Human IFITM3 restricts chikungunya virus and Mayaro virus infection and is susceptible to virus-mediated counteraction. <i>Life Science Alliance</i> , 2021, 4, e202000909.	2.8	10
27	Targeted Nanoparticle Delivery of Bifunctional RIG-I Agonists to Pancreatic Cancer. <i>Molecular Therapy</i> , 2019, 27, 491-492.	8.2	7
28	Delivery with polycations extends the immunostimulant Ribomunyl $\text{\textcircled{R}}$ into a potent antiviral Toll-like receptor 7/8 agonist. <i>Antiviral Therapy</i> , 2011, 16, 751-758.	1.0	5
29	ADAR1 edits the SenZ and SenZ-ability of RNA. <i>Immunity</i> , 2021, 54, 1909-1911.	14.3	5
30	G-rich DNA-induced stress response blocks type-I-IFN but not CXCL10 secretion in monocytes. <i>Scientific Reports</i> , 2016, 6, 38405.	3.3	4
31	An epigenetic GPI-anchor defect impairs TLR4 signaling in the B cell transdifferentiation model for primary human monocytes BLAER1. <i>Scientific Reports</i> , 2021, 11, 14983.	3.3	3
32	Exonuclease TREX1 also Has a Sweet Tooth. <i>Immunity</i> , 2015, 43, 411-413.	14.3	1
33	Expression of a Functional Mx1 Protein Is Essential for the Ability of RIG-I Agonist Prophylaxis to Provide Potent and Long-Lasting Protection in a Mouse Model of Influenza A Virus Infection. <i>Viruses</i> , 2022, 14, 1547.	3.3	1
34	Abstract B030: Structure-function studies of cytosolic DNA sensing pathway. , 2016, , .		0