

Ondrej Cerny

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

480
citations

759233

12
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

572
citing authors

#	ARTICLE	IF	CITATIONS
1	The Salmonella Effector SteD Mediates MARCH8-Dependent Ubiquitination of MHC II Molecules and Inhibits T Cell Activation. <i>Cell Host and Microbe</i> , 2016, 20, 584-595.	11.0	88
2	The RNA Chaperone Hfq Is Required for Virulence of <i>Bordetella pertussis</i> . <i>Infection and Immunity</i> , 2013, 81, 4081-4090.	2.2	51
3	<i>Bordetella pertussis</i> Adenylate Cyclase Toxin Blocks Induction of Bactericidal Nitric Oxide in Macrophages through cAMP-Dependent Activation of the SHP-1 Phosphatase. <i>Journal of Immunology</i> , 2015, 194, 4901-4913.	0.8	48
4	cAMP Signaling of Adenylate Cyclase Toxin Blocks the Oxidative Burst of Neutrophils through Epac-Mediated Inhibition of Phospholipase C Activity. <i>Journal of Immunology</i> , 2017, 198, 1285-1296.	0.8	46
5	Transcriptional profiling of <i>Bordetella pertussis</i> reveals requirement of RNA chaperone Hfq for Type III secretion system functionality. <i>RNA Biology</i> , 2015, 12, 175-185.	3.1	42
6	Structure-Function Relationships Underlying the Capacity of <i>Bordetella</i> Adenylate Cyclase Toxin to Disarm Host Phagocytes. <i>Toxins</i> , 2017, 9, 300.	3.4	40
7	cAMP signalling of <i>Bordetella</i> adenylate cyclase toxin through the SHP-1 phosphatase activates the Bim/Bax pro-apoptotic cascade in phagocytes. <i>Cellular Microbiology</i> , 2016, 18, 384-398.	2.1	32
8	The Tumour Suppressor TMEM127 Is a Nedd4-Family E3 Ligase Adaptor Required by Salmonella SteD to Ubiquitinate and Degrade MHC Class II Molecules. <i>Cell Host and Microbe</i> , 2020, 28, 54-68.e7.	11.0	31
9	The <i>Bordetella pertussis</i> Type III Secretion System Tip Complex Protein Bsp22 Is Not a Protective Antigen and Fails To Elicit Serum Antibody Responses during Infection of Humans and Mice. <i>Infection and Immunity</i> , 2013, 81, 2761-2767.	2.2	25
10	Pore formation by adenylate cyclase toxoid activates dendritic cells to prime CD8 + and CD4 + T cells. <i>Immunology and Cell Biology</i> , 2016, 94, 322-333.	2.3	19
11	CD97 stabilises the immunological synapse between dendritic cells and T cells and is targeted for degradation by the Salmonella effector SteD. <i>PLoS Pathogens</i> , 2021, 17, e1009771.	4.7	17
12	Salmonella SPI-2 type III secretion system-dependent inhibition of antigen presentation and T cell function. <i>Immunology Letters</i> , 2019, 215, 35-39.	2.5	14
13	SteC and the intracellular <i>Salmonella</i> -induced F-actin meshwork. <i>Cellular Microbiology</i> , 2021, 23, e13315.	2.1	8
14	Phosphoproteomics of cAMP signaling of <i>Bordetella</i> adenylate cyclase toxin in mouse dendritic cells. <i>Scientific Reports</i> , 2017, 7, 16298.	3.3	7
15	SrcA is a chaperone for the Salmonella SPI-2 type three secretion system effector SteD. <i>Microbiology (United Kingdom)</i> , 2019, 165, 15-25.	1.8	7
16	The Salmonella transmembrane effector SteD hijacks AP1-mediated vesicular trafficking for delivery to antigen-loading MHCII compartments. <i>PLoS Pathogens</i> , 2022, 18, e1010252.	4.7	4
17	The RNA Chaperone Hfq Is Required for Virulence of <i>Bordetella pertussis</i> . <i>Infection and Immunity</i> , 2014, 82, 3087-3087.	2.2	1