

# Bastian Opitz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7792091/publications.pdf>

Version: 2024-02-01

82  
papers

6,343  
citations

66234

42  
h-index

66788

78  
g-index

82  
all docs

82  
docs citations

82  
times ranked

8874  
citing authors

#	ARTICLE	IF	CITATIONS
1	Differential requirement for the activation of the inflammasome for processing and release of IL-1 $\beta$ in monocytes and macrophages. <i>Blood</i> , 2009, 113, 2324-2335.	0.6	714
2	Nucleotide-binding Oligomerization Domain Proteins Are Innate Immune Receptors for Internalized <i>Streptococcus pneumoniae</i> . <i>Journal of Biological Chemistry</i> , 2004, 279, 36426-36432.	1.6	286
3	IFN $\gamma$ induction by influenza A virus is mediated by RIG-I which is regulated by the viral NS1 protein. <i>Cellular Microbiology</i> , 2007, 9, 930-938.	1.1	253
4	Innate Immune Recognition in Infectious and Noninfectious Diseases of the Lung. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010, 181, 1294-1309.	2.5	238
5	The NLRP3 Inflammasome Is Differentially Activated by Pneumolysin Variants and Contributes to Host Defense in Pneumococcal Pneumonia. <i>Journal of Immunology</i> , 2011, 187, 434-440.	0.4	222
6	Toll-like Receptor-2 Mediates <i>Treponema</i> Glycolipid and Lipoteichoic Acid-induced NF- $\kappa$ B Translocation. <i>Journal of Biological Chemistry</i> , 2001, 276, 22041-22047.	1.6	197
7	IFNs Modify the Proteome of <i>Legionella</i> -Containing Vacuoles and Restrict Infection Via IRG1-Derived Itaconic Acid. <i>PLoS Pathogens</i> , 2016, 12, e1005408.	2.1	195
8	<i>Listeria monocytogenes</i> Activated p38 MAPK and Induced IL-8 Secretion in a Nucleotide-Binding Oligomerization Domain 1-Dependent Manner in Endothelial Cells. <i>Journal of Immunology</i> , 2006, 176, 484-490.	0.4	182
9	<i>Listeria monocytogenes</i> -Infected Human Peripheral Blood Mononuclear Cells Produce IL-1 $\beta$ , Depending on Listeriolysin O and NLRP3. <i>Journal of Immunology</i> , 2010, 184, 922-930.	0.4	177
10	Nod1-Mediated Endothelial Cell Activation by <i>Chlamydomyphila pneumoniae</i> . <i>Circulation Research</i> , 2005, 96, 319-326.	2.0	173
11	Recognition of <i>Streptococcus pneumoniae</i> by the innate immune system. <i>Cellular Microbiology</i> , 2012, 14, 460-466.	1.1	167
12	<i>Legionella pneumophila</i> glucosyltransferase inhibits host elongation factor 1A. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 16953-16958.	3.3	139
13	Recognition of microbial viability via TLR8 drives TFH cell differentiation and vaccine responses. <i>Nature Immunology</i> , 2018, 19, 386-396.	7.0	139
14	Involvement of Lipopolysaccharide Binding Protein, CD14, and Toll-Like Receptors in the Initiation of Innate Immune Responses by <i>Treponema</i> Glycolipids. <i>Journal of Immunology</i> , 2000, 165, 2683-2693.	0.4	131
15	Lung epithelium as a sentinel and effector system in pneumonia – molecular mechanisms of pathogen recognition and signal transduction. <i>Respiratory Research</i> , 2006, 7, 97.	1.4	128
16	A time-resolved proteomic and prognostic map of COVID-19. <i>Cell Systems</i> , 2021, 12, 780-794.e7.	2.9	125
17	NAIP and Ipaf Control <i>Legionella pneumophila</i> Replication in Human Cells. <i>Journal of Immunology</i> , 2008, 180, 6808-6815.	0.4	120
18	<i>Legionella pneumophila</i> Induces IFN $\beta$ in Lung Epithelial Cells via IPS-1 and IRF3, Which Also Control Bacterial Replication. <i>Journal of Biological Chemistry</i> , 2006, 281, 36173-36179.	1.6	118

#	ARTICLE	IF	CITATIONS
19	CEACAM1 inhibits Toll-like receptor 2-triggered antibacterial responses of human pulmonary epithelial cells. <i>Nature Immunology</i> , 2008, 9, 1270-1278.	7.0	115
20	Statins Control Oxidized LDL-Mediated Histone Modifications and Gene Expression in Cultured Human Endothelial Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 380-386.	1.1	115
21	<i>Streptococcus pneumoniae</i> -induced p38 MAPK-dependent Phosphorylation of RelA at the Interleukin-8 Promotor. <i>Journal of Biological Chemistry</i> , 2004, 279, 53241-53247.	1.6	109
22	<i>Moraxella catarrhalis</i> is internalized in respiratory epithelial cells by a trigger-like mechanism and initiates a TLR2- and partly NOD1-dependent inflammatory immune response. <i>Cellular Microbiology</i> , 2007, 9, 694-707.	1.1	106
23	<i>Streptococcus pneumoniae</i> Stimulates a STING- and IFN Regulatory Factor 3-Dependent Type I IFN Production in Macrophages, which Regulates RANTES Production in Macrophages, Cocultured Alveolar Epithelial Cells, and Mouse Lungs. <i>Journal of Immunology</i> , 2012, 188, 811-817.	0.4	106
24	Role of Toll-like receptors, NOD-like receptors and RIG-I-like receptors in endothelial cells and systemic infections. <i>Thrombosis and Haemostasis</i> , 2009, 102, 1103-1109.	1.8	99
25	Intracellular Bacteria Differentially Regulated Endothelial Cytokine Release by MAPK-Dependent Histone Modification. <i>Journal of Immunology</i> , 2005, 175, 2843-2850.	0.4	88
26	Histone Acetylation and Flagellin Are Essential for <i>Legionella pneumophila</i> -Induced Cytokine Expression. <i>Journal of Immunology</i> , 2008, 181, 940-947.	0.4	84
27	Studying the pathophysiology of coronavirus disease 2019: a protocol for the Berlin prospective COVID-19 patient cohort (Pa-COVID-19). <i>Infection</i> , 2020, 48, 619-626.	2.3	79
28	Pneumococci induced TLR- and Rac1-dependent NF- $\kappa$ B-recruitment to the IL-8 promoter in lung epithelial cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2006, 290, L730-L737.	1.3	76
29	IFN $\gamma$ responses induced by intracellular bacteria or cytosolic DNA in different human cells do not require ZBP1 (DLM-1/DAI). <i>Cellular Microbiology</i> , 2008, 10, 2579-2588.	1.1	76
30	Dissection of a type I interferon pathway in controlling bacterial intracellular infection in mice. <i>Cellular Microbiology</i> , 2011, 13, 1668-1682.	1.1	75
31	Antibiotic treatment-induced secondary IgA deficiency enhances susceptibility to <i>Pseudomonas aeruginosa</i> pneumonia. <i>Journal of Clinical Investigation</i> , 2018, 128, 3535-3545.	3.9	75
32	Downregulation of Membrane Trafficking Proteins and Lactate Conditioning Determine Loss of Dendritic Cell Function in Lung Cancer. <i>Cancer Research</i> , 2018, 78, 1685-1699.	0.4	72
33	<i>Moraxella catarrhalis</i> induces inflammatory response of bronchial epithelial cells via MAPK and NF- $\kappa$ B activation and histone deacetylase activity reduction. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2006, 290, L818-L826.	1.3	70
34	A Semi-Synthetic Glycoconjugate Vaccine Candidate for Carbapenem-Resistant <i>Klebsiella pneumoniae</i> . <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13973-13978.	7.2	68
35	Spectrum of pathogen- and model-specific histopathologies in mouse models of acute pneumonia. <i>PLoS ONE</i> , 2017, 12, e0188251.	1.1	64
36	<i>Streptococcus pneumoniae</i> induced p38 MAPK- and NF- $\kappa$ B-dependent COX-2 expression in human lung epithelium. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2006, 290, L1131-L1138.	1.3	62

#	ARTICLE	IF	CITATIONS
37	The Common R71H-G230A-R293Q Human <i>TMEM173</i> Is a Null Allele. <i>Journal of Immunology</i> , 2017, 198, 776-787.	0.4	62
38	<i>Streptococcus pneumoniae</i> induced c-Jun-N-terminal kinase- and AP-1 -dependent IL-8 release by lung epithelial BEAS-2B cells. <i>Respiratory Research</i> , 2006, 7, 98.	1.4	59
39	NOD-Like Receptors in Lung Diseases. <i>Frontiers in Immunology</i> , 2013, 4, 393.	2.2	57
40	Î²-PIX and Rac1 GTPase Mediate Trafficking and Negative Regulation of NOD2. <i>Journal of Immunology</i> , 2008, 181, 2664-2671.	0.4	54
41	The C-Type Lectin Receptor Mincle Binds to <i>Streptococcus pneumoniae</i> but Plays a Limited Role in the Anti-Pneumococcal Innate Immune Response. <i>PLoS ONE</i> , 2015, 10, e0117022.	1.1	44
42	Extra- and intracellular innate immune recognition in endothelial cells. <i>Thrombosis and Haemostasis</i> , 2007, 98, 319-326.	1.8	43
43	The microbiota in pneumonia: From protection to predisposition. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	43
44	The common HAQ STING variant impairs cGAS-dependent antibacterial responses and is associated with susceptibility to Legionnairesâ€™ disease in humans. <i>PLoS Pathogens</i> , 2018, 14, e1006829.	2.1	43
45	Simvastatin Reduces <i>Chlamydomonas reinhardtii</i> -Mediated Histone Modifications and Gene Expression in Cultured Human Endothelial Cells. <i>Circulation Research</i> , 2008, 102, 888-895.	2.0	41
46	Vitamin D receptor binds to the Î¼ germline gene promoter and exhibits transrepressive activity. <i>Journal of Allergy and Clinical Immunology</i> , 2010, 126, 1016-1023.e4.	1.5	40
47	Essential Role of Mitochondrial Antiviral Signaling, IFN Regulatory Factor (IRF)3, and IRF7 in <i>Chlamydomonas reinhardtii</i> -Mediated IFN-Î² Response and Control of Bacterial Replication in Human Endothelial Cells. <i>Journal of Immunology</i> , 2010, 184, 3072-3078.	0.4	38
48	<i>Legionella pneumophila</i> -induced PKCÎ±, MAPK-, and NF-Î²B-dependent COX-2 expression in human lung epithelium. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2007, 292, L267-L277.	1.3	36
49	Rac1 Regulates the NLRP3 Inflammasome Which Mediates IL-1beta Production in <i>Chlamydomonas reinhardtii</i> Infected Human Mononuclear Cells. <i>PLoS ONE</i> , 2012, 7, e30379.	1.1	36
50	Increasing the inspiratory time and I:E ratio during mechanical ventilation aggravates ventilator-induced lung injury in mice. <i>Critical Care</i> , 2015, 19, 23.	2.5	36
51	STING SNP R293Q Is Associated with a Decreased Risk of Aging-Related Diseases. <i>Gerontology</i> , 2019, 65, 145-154.	1.4	32
52	Activation of Mitogen-activated Protein Kinases p42/44, p38, and Stress-activated Protein Kinases in Myelo-monocytic Cells by <i>Treponema Lipoteichoic Acid</i> . <i>Journal of Biological Chemistry</i> , 2001, 276, 9713-9719.	1.6	31
53	Inflammasomes in Pneumococcal Infection: Innate Immune Sensing and Bacterial Evasion Strategies. <i>Current Topics in Microbiology and Immunology</i> , 2016, 397, 215-227.	0.7	31
54	Serotype 1 and 8 Pneumococci Evade Sensing by Inflammasomes in Human Lung Tissue. <i>PLoS ONE</i> , 2015, 10, e0137108.	1.1	31

#	ARTICLE	IF	CITATIONS
55	Innate Immune Recognition and Inflammasome Activation in <i>Listeria Monocytogenes</i> Infection. <i>Frontiers in Microbiology</i> , 2011, 1, 149.	1.5	29
56	The UspA1 Protein of <i>Moraxella catarrhalis</i> Induces CEACAM1-Dependent Apoptosis in Alveolar Epithelial Cells. <i>Journal of Infectious Diseases</i> , 2007, 195, 1651-1660.	1.9	28
57	Clinical and virological characteristics of hospitalised COVID-19 patients in a German tertiary care centre during the first wave of the SARS-CoV-2 pandemic: a prospective observational study. <i>Infection</i> , 2021, 49, 703-714.	2.3	27
58	TLR2- and Nucleotide-Binding Oligomerization Domain 2-Dependent KrÄppel-Like Factor 2 Expression Downregulates NF-Î²-Related Gene Expression. <i>Journal of Immunology</i> , 2010, 185, 597-604.	0.4	24
59	NLRP3 protects alveolar barrier integrity by an inflammasome-independent increase of epithelial cell adherence. <i>Scientific Reports</i> , 2016, 6, 30943.	1.6	20
60	Extra- and intracellular innate immune recognition in endothelial cells. <i>Thrombosis and Haemostasis</i> , 2007, 98, 319-26.	1.8	19
61	The cGAS/STING Pathway Detects <i>Streptococcus pneumoniae</i> but Appears Dispensable for Antipneumococcal Defense in Mice and Humans. <i>Infection and Immunity</i> , 2018, 86, .	1.0	18
62	Ventilator-induced lung injury is aggravated by antibiotic mediated microbiota depletion in mice. <i>Critical Care</i> , 2018, 22, 282.	2.5	17
63	<i>Legionella pneumophila</i> induces human beta Defensin-3 in pulmonary cells. <i>Respiratory Research</i> , 2010, 11, 93.	1.4	16
64	<i>Listeria monocytogenes</i> induced Rac1-dependent signal transduction in endothelial cells. <i>Biochemical Pharmacology</i> , 2006, 72, 1367-1374.	2.0	15
65	Microbiota-Dependent Regulation of Antimicrobial Immunity in the Lung. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 61, 284-289.	1.4	14
66	Adjuvant immunotherapies as a novel approach to bacterial infections. <i>Immunotherapy</i> , 2013, 5, 365-381.	1.0	13
67	Impact of dexamethasone on SARS-CoV-2 concentration kinetics and antibody response in hospitalized COVID-19 patients: results from a prospective observational study. <i>Clinical Microbiology and Infection</i> , 2021, 27, 1520.e7-1520.e10.	2.8	13
68	Nucleotide Oligomerization Domain 1 Ligation Suppressed Murine Allergen-Specific T-Cell Proliferation and Airway Hyperresponsiveness. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014, 50, 903-911.	1.4	12
69	Innate sensing and cell-autonomous resistance pathways in <i>Legionella pneumophila</i> infection. <i>International Journal of Medical Microbiology</i> , 2018, 308, 161-167.	1.5	11
70	Population analysis of <i>Legionella pneumophila</i> reveals a basis for resistance to complement-mediated killing. <i>Nature Communications</i> , 2021, 12, 7165.	5.8	11
71	Adhesion of <i>Moraxella catarrhalis</i> to human bronchial epithelium characterized by a novel fluorescence-based assay. <i>Medical Microbiology and Immunology</i> , 2006, 195, 73-83.	2.6	10
72	Response to Comment on "The Common R71H-G230A-R293Q Human TMEM173 Is a Null Allele". <i>Journal of Immunology</i> , 2017, 198, 4185-4188.	0.4	10

#	ARTICLE	IF	CITATIONS
73	Characterization of antimicrobial use and co-infections among hospitalized patients with COVID-19: a prospective observational cohort study. <i>Infection</i> , 2022, 50, 1441-1452.	2.3	10
74	Endothelin B Receptor Immunodynamics in Pulmonary Arterial Hypertension. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	10
75	Platelets Restrict the Oxidative Burst in Phagocytes and Facilitate Primary Progressive Tuberculosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 730-744.	2.5	7
76	<i>Pseudomonas aeruginosa</i> Triggered Exosomal Release of ADAM10 Mediates Proteolytic Cleavage in Trans. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1259.	1.8	4
77	PKC $\delta$ Deficiency in Mice Is Associated with Pulmonary Vascular Hyperresponsiveness to Thromboxane A2 and Increased Thromboxane Receptor Expression. <i>Journal of Vascular Research</i> , 2015, 52, 279-288.	0.6	3
78	Juvenile megaesophagus in PKC $\delta$ -deficient mice is associated with an increase in the segment of the distal esophagus lined by smooth muscle cells. <i>Annals of Anatomy</i> , 2014, 196, 365-371.	1.0	1
79	Inflammasome Deficiency Makes Pro-resolving Lipid Mediators Great Again. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 668-669.	2.5	1
80	Bacterial Infections and the DNA Sensing Pathway. , 2014, , 153-169.		0
81	Innate Immune and Type I IFN Responses During <i>Legionella pneumophila</i> Infection. , 2014, , 33-42.		0
82	TBK1's Role in Bacterial Pneumonia: Perhaps More than Macrophages and IFNs. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022, , .	1.4	0