

# Claudia A Riedel

## List of Publications by Year in descending order

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Version: 2024-02-01

66  
papers

2,565  
citations

185998

28  
h-index

214527

47  
g-index

66  
all docs

66  
docs citations

66  
times ranked

4209  
citing authors

#	ARTICLE	IF	CITATIONS
1	BCG-Induced Cross-Protection and Development of Trained Immunity: Implication for Vaccine Design. <i>Frontiers in Immunology</i> , 2019, 10, 2806.	2.2	225
2	Lipopolysaccharide induces a fibrotic-like phenotype in endothelial cells. <i>Journal of Cellular and Molecular Medicine</i> , 2013, 17, 800-814.	1.6	158
3	Intestinal Microbiota Influences Non-intestinal Related Autoimmune Diseases. <i>Frontiers in Microbiology</i> , 2018, 9, 432.	1.5	137
4	Endothelial-to-mesenchymal transition: Cytokine-mediated pathways that determine endothelial fibrosis under inflammatory conditions. <i>Cytokine and Growth Factor Reviews</i> , 2017, 33, 41-54.	3.2	135
5	Respiratory syncytial virus impairs T cell activation by preventing synapse assembly with dendritic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 14999-15004.	3.3	117
6	Herpes Simplex Virus Type 1 Infection of the Central Nervous System: Insights Into Proposed Interrelationships With Neurodegenerative Disorders. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 46.	1.8	104
7	Interleukin-10 plays a key role in the modulation of neutrophils recruitment and lung inflammation during infection by <i>Streptococcus pneumoniae</i> . <i>Immunology</i> , 2015, 146, 100-112.	2.0	90
8	Modulating the function of the immune system by thyroid hormones and thyrotropin. <i>Immunology Letters</i> , 2017, 184, 76-83.	1.1	86
9	Role of dendritic cells in the initiation, progress and modulation of systemic autoimmune diseases. <i>Autoimmunity Reviews</i> , 2015, 14, 127-139.	2.5	78
10	Opposing roles of IL-10 in acute bacterial infection. <i>Cytokine and Growth Factor Reviews</i> , 2016, 32, 17-30.	3.2	61
11	A Potential Role of Salmonella Infection in the Onset of Inflammatory Bowel Diseases. <i>Frontiers in Immunology</i> , 2017, 8, 191.	2.2	61
12	New insights about excisable pathogenicity islands in Salmonella and their contribution to virulence. <i>Microbes and Infection</i> , 2016, 18, 302-309.	1.0	59
13	Surface expression of the hRSV nucleoprotein impairs immunological synapse formation with T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E3214-23.	3.3	58
14	Heme Oxygenase-1 Modulates Human Respiratory Syncytial Virus Replication and Lung Pathogenesis during Infection. <i>Journal of Immunology</i> , 2017, 199, 212-223.	0.4	58
15	Heme Oxygenase-1 as a Modulator of Intestinal Inflammation Development and Progression. <i>Frontiers in Immunology</i> , 2018, 9, 1956.	2.2	54
16	Human Respiratory Syncytial Virus: Infection and Pathology. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2016, 37, 522-537.	0.8	50
17	Cytokines in the Respiratory Airway as Biomarkers of Severity and Prognosis for Respiratory Syncytial Virus Infection: An Update. <i>Frontiers in Immunology</i> , 2019, 10, 1154.	2.2	48
18	Mechanisms used by virulent <i>Salmonella</i> to impair dendritic cell function and evade adaptive immunity. <i>Immunology</i> , 2012, 137, 28-36.	2.0	40

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19	Contribution of autophagy to antiviral immunity. <i>FEBS Letters</i> , 2015, 589, 3461-3470.	1.3	34
20	Increases in reactive oxygen species enhance vascular endothelial cell migration through a mechanism dependent on the transient receptor potential melastatin 4 ion channel. <i>Microvascular Research</i> , 2015, 98, 187-196.	1.1	34
21	The ArcAB two-component regulatory system promotes resistance to reactive oxygen species and systemic infection by <i>Salmonella Typhimurium</i> . <i>PLoS ONE</i> , 2018, 13, e0203497.	1.1	34
22	Carbon monoxide decreases endosome-lysosome fusion and inhibits soluble antigen presentation by dendritic cells to T cells. <i>European Journal of Immunology</i> , 2013, 43, 2832-2844.	1.6	33
23	Local cytokine response upon respiratory syncytial virus infection. <i>Immunology Letters</i> , 2011, 136, 122-129.	1.1	31
24	Contribution of dendritic cells to the autoimmune pathology of systemic lupus erythematosus. <i>Immunology</i> , 2015, 146, 497-507.	2.0	31
25	Hormonal Modulation of Dendritic Cells Differentiation, Maturation and Function: Implications for the Initiation and Progress of Systemic Autoimmunity. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2017, 65, 123-136.	1.0	31
26	Persistent <i>Salmonella enterica</i> serovar <i>Typhimurium</i> Infection Increases the Susceptibility of Mice to Develop Intestinal Inflammation. <i>Frontiers in Immunology</i> , 2018, 9, 1166.	2.2	31
27	Activating and inhibitory Fc $\gamma$ 3 receptors can differentially modulate T cell-mediated autoimmunity. <i>European Journal of Immunology</i> , 2008, 38, 2241-2250.	1.6	30
28	Endotoxin-Induced Endothelial Fibrosis Is Dependent on Expression of Transforming Growth Factors $\beta$ 1 and $\beta$ 2. <i>Infection and Immunity</i> , 2014, 82, 3678-3686.	1.0	30
29	Interleukin-10 Production by T and B Cells Is a Key Factor to Promote Systemic <i>Salmonella enterica</i> Serovar <i>Typhimurium</i> Infection in Mice. <i>Frontiers in Immunology</i> , 2017, 8, 889.	2.2	30
30	SARS-CoV-2: Immune Response Elicited by Infection and Development of Vaccines and Treatments. <i>Frontiers in Immunology</i> , 2020, 11, 569760.	2.2	30
31	Modulation of antigen processing by haem-oxygenase 1. Implications on inflammation and tolerance. <i>Immunology</i> , 2016, 149, 1-12.	2.0	29
32	Modulation of the dendritic cell-T-cell synapse to promote pathogen immunity and prevent autoimmunity. <i>Immunotherapy</i> , 2011, 3, 6-11.	1.0	28
33	Copper deficiency-induced anemia is caused by a mitochondrial metabolic reprogramming in erythropoietic cells. <i>Metallomics</i> , 2019, 11, 282-290.	1.0	28
34	Copper deficiency alters cell bioenergetics and induces mitochondrial fusion through up-regulation of MFN2 and OPA1 in erythropoietic cells. <i>Biochemical and Biophysical Research Communications</i> , 2013, 437, 426-432.	1.0	27
35	The impact of the micronutrient iodine in health and diseases. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 1466-1479.	5.4	26
36	Expanding the Current Knowledge About the Role of Interleukin-10 to Major Concerning Bacteria. <i>Frontiers in Microbiology</i> , 2018, 9, 2047.	1.5	25

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37	T-cell antagonism by short half-life pMHC ligands can be mediated by an efficient trapping of T-cell polarization toward the APC. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 210-215.	3.3	24
38	Gestational Hypothyroidism Increases the Severity of Experimental Autoimmune Encephalomyelitis in Adult Offspring. <i>Thyroid</i> , 2013, 23, 1627-1637.	2.4	24
39	Modulation of Host Immunity by Human Respiratory Syncytial Virus Virulence Factors: A Synergic Inhibition of Both Innate and Adaptive Immunity. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 367.	1.8	22
40	BCG vaccination induces cross-protective immunity against pathogenic microorganisms. <i>Trends in Immunology</i> , 2022, 43, 322-335.	2.9	22
41	Altered Chemokine Receptor Expression in Papillary Thyroid Cancer. <i>Thyroid</i> , 2009, 19, 957-965.	2.4	21
42	New insights on the viral and host factors contributing to the airway pathogenesis caused by the respiratory syncytial virus. <i>Critical Reviews in Microbiology</i> , 2016, 42, 1-13.	2.7	21
43	Adaptive Responses of Mitochondria to Mild Copper Deprivation Involve Changes in Morphology, OXPHOS Remodeling and Bioenergetics. <i>Journal of Cellular Physiology</i> , 2014, 229, 607-619.	2.0	19
44	Lung pathology due to hRSV infection impairs blood-brain barrier permeability enabling astrocyte infection and a long-lasting inflammation in the CNS. <i>Brain, Behavior, and Immunity</i> , 2021, 91, 159-171.	2.0	19
45	Characterization of the Anti-Inflammatory Capacity of IL-10-Producing Neutrophils in Response to <i>Streptococcus pneumoniae</i> Infection. <i>Frontiers in Immunology</i> , 2021, 12, 638917.	2.2	19
46	Aberrant T cell immunity triggered by human Respiratory Syncytial Virus and human Metapneumovirus infection. <i>Virulence</i> , 2017, 8, 685-704.	1.8	18
47	Assessing the Importance of Domestic Vaccine Manufacturing Centers: An Overview of Immunization Programs, Vaccine Manufacture, and Distribution. <i>Frontiers in Immunology</i> , 2018, 9, 26.	2.2	18
48	Inflammatory damage on respiratory and nervous systems due to hRSV infection. <i>Current Opinion in Immunology</i> , 2015, 36, 14-21.	2.4	17
49	Novel therapies and vaccines against the human respiratory syncytial virus. <i>Expert Opinion on Investigational Drugs</i> , 2015, 24, 1613-1630.	1.9	14
50	Imprinting of maternal thyroid hormones in the offspring. <i>International Reviews of Immunology</i> , 2017, 36, 240-255.	1.5	14
51	Circulating Endothelial Cells From Septic Shock Patients Convert to Fibroblasts Are Associated With the Resuscitation Fluid Dose and Are Biomarkers for Survival Prediction. <i>Critical Care Medicine</i> , 2019, 47, 942-950.	0.4	14
52	Differential expression profile of CXCR3 splicing variants is associated with thyroid neoplasia. Potential role in papillary thyroid carcinoma oncogenesis?. <i>Oncotarget</i> , 2018, 9, 2445-2467.	0.8	13
53	Modulation of Tumor Immunity by Soluble and Membrane-Bound Molecules at the Immunological Synapse. <i>Clinical and Developmental Immunology</i> , 2013, 2013, 1-19.	3.3	12
54	Evaluation of monoclonal antibodies that detect conserved proteins from Respiratory Syncytial Virus, Metapneumovirus and Adenovirus in human samples. <i>Journal of Virological Methods</i> , 2018, 254, 51-64.	1.0	12

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55	Gestational Hypothyroxinemia Affects Its Offspring With a Reduced Suppressive Capacity Impairing the Outcome of the Experimental Autoimmune Encephalomyelitis. <i>Frontiers in Immunology</i> , 2018, 9, 1257.	2.2	11
56	Conjugal Transfer of the Pathogenicity Island ROD21 in <i>Salmonella enterica</i> serovar Enteritidis Depends on Environmental Conditions. <i>PLoS ONE</i> , 2014, 9, e90626.	1.1	10
57	IL-10-Dependent Amelioration of Chronic Inflammatory Disease by Microdose Subcutaneous Delivery of a Prototypic Immunoregulatory Small Molecule. <i>Frontiers in Immunology</i> , 2021, 12, 708955.	2.2	10
58	Gestational Hypothyroxinemia Affects Glutamatergic Synaptic Protein Distribution and Neuronal Plasticity Through Neuron-Astrocyte Interplay. <i>Molecular Neurobiology</i> , 2016, 53, 7158-7169.	1.9	9
59	The absence of interleukin 10 affects the morphology, differentiation, granule content and the production of cryptidin-4 in Paneth cells in mice. <i>PLoS ONE</i> , 2019, 14, e0221618.	1.1	9
60	Modulation of Adaptive Immunity and Viral Infections by Ion Channels. <i>Frontiers in Physiology</i> , 2021, 12, 736681.	1.3	8
61	New Insights on the Early Interaction Between Typhoid and Non-typhoid <i>Salmonella</i> Serovars and the Host Cells. <i>Frontiers in Microbiology</i> , 2021, 12, 647044.	1.5	7
62	Understanding Lung Immunopathology Caused by the Human Metapneumovirus: Implications for Rational Vaccine Design. <i>Critical Reviews in Immunology</i> , 2015, 35, 185-202.	1.0	5
63	Gestational Hypothyroxinemia Imprints a Switch in the Capacity of Astrocytes and Microglial Cells of the Offspring to React in Inflammation. <i>Molecular Neurobiology</i> , 2018, 55, 4373-4387.	1.9	5
64	Thyroid Gene Mutations in Pregnant and Breastfeeding Women Diagnosed With Transient Congenital Hypothyroidism: Implications for the Offspring's Health. <i>Frontiers in Endocrinology</i> , 2021, 12, 679002.	1.5	3
65	Pharmacological Inhibition of IRE-1 Alpha Activity in Herpes Simplex Virus Type 1 and Type 2-Infected Dendritic Cells Enhances T Cell Activation. <i>Frontiers in Immunology</i> , 2021, 12, 764861.	2.2	3
66	Role of Regulatory T Cells in Infection and Vaccination During Early Infancy. <i>Current Pharmaceutical Design</i> , 2018, 24, 3495-3505.	0.9	1