

Claudia A Riedel

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

2,565
citations

186265
28
h-index

214800
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.	4.8	225
2	Lipopolysaccharide induces a fibrotic-like phenotype in endothelial cells. <i>Journal of Cellular and Molecular Medicine</i> , 2013, 17, 800-814.	3.6	158
3	Intestinal Microbiota Influences Non-intestinal Related Autoimmune Diseases. <i>Frontiers in Microbiology</i> , 2018, 9, 432.	3.5	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.	7.2	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.	7.1	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.	3.7	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.	4.4	90
8	Modulating the function of the immune system by thyroid hormones and thyrotropin. <i>Immunology Letters</i> , 2017, 184, 76-83.	2.5	86
9	Role of dendritic cells in the initiation, progress and modulation of systemic autoimmune diseases. <i>Autoimmunity Reviews</i> , 2015, 14, 127-139.	5.8	78
10	Opposing roles of IL-10 in acute bacterial infection. <i>Cytokine and Growth Factor Reviews</i> , 2016, 32, 17-30.	7.2	61
11	A Potential Role of Salmonella Infection in the Onset of Inflammatory Bowel Diseases. <i>Frontiers in Immunology</i> , 2017, 8, 191.	4.8	61
12	New insights about excisable pathogenicity islands in Salmonella and their contribution to virulence. <i>Microbes and Infection</i> , 2016, 18, 302-309.	1.9	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.	7.1	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.	0.8	58
15	Heme Oxygenase-1 as a Modulator of Intestinal Inflammation Development and Progression. <i>Frontiers in Immunology</i> , 2018, 9, 1956.	4.8	54
16	Human Respiratory Syncytial Virus: Infection and Pathology. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2016, 37, 522-537.	2.1	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.	4.8	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.	4.4	40

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19	Contribution of autophagy to antiviral immunity. FEBS Letters, 2015, 589, 3461-3470.	2.8	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. Microvascular Research, 2015, 98, 187-196.	2.5	34
21	The ArcAB two-component regulatory system promotes resistance to reactive oxygen species and systemic infection by Salmonella Typhimurium. PLoS ONE, 2018, 13, e0203497.	2.5	34
22	Carbon monoxide decreases endosome-lysosome fusion and inhibits soluble antigen presentation by dendritic cells to T cells. European Journal of Immunology, 2013, 43, 2832-2844.	2.9	33
23	Local cytokine response upon respiratory syncytial virus infection. Immunology Letters, 2011, 136, 122-129.	2.5	31
24	Contribution of dendritic cells to the autoimmune pathology of systemic lupus erythematosus. Immunology, 2015, 146, 497-507.	4.4	31
25	Hormonal Modulation of Dendritic Cells Differentiation, Maturation and Function: Implications for the Initiation and Progress of Systemic Autoimmunity. Archivum Immunologiae Et Therapiae Experimentalis, 2017, 65, 123-136.	2.3	31
26	Persistent Salmonella enterica serovar Typhimurium Infection Increases the Susceptibility of Mice to Develop Intestinal Inflammation. Frontiers in Immunology, 2018, 9, 1166.	4.8	31
27	Activating and inhibitory Fc γ 3 receptors can differentially modulate T cell-mediated autoimmunity. European Journal of Immunology, 2008, 38, 2241-2250.	2.9	30
28	Endotoxin-Induced Endothelial Fibrosis Is Dependent on Expression of Transforming Growth Factors γ 1 and γ 2. Infection and Immunity, 2014, 82, 3678-3686.	2.2	30
29	Interleukin-10 Production by T and B Cells Is a Key Factor to Promote Systemic Salmonella enterica Serovar Typhimurium Infection in Mice. Frontiers in Immunology, 2017, 8, 889.	4.8	30
30	SARS-CoV-2: Immune Response Elicited by Infection and Development of Vaccines and Treatments. Frontiers in Immunology, 2020, 11, 569760.	4.8	30
31	Modulation of antigen processing by haem-oxygenase 1. Implications on inflammation and tolerance. Immunology, 2016, 149, 1-12.	4.4	29
32	Modulation of the dendritic cell-T-cell synapse to promote pathogen immunity and prevent autoimmunity. Immunotherapy, 2011, 3, 6-11.	2.0	28
33	Copper deficiency-induced anemia is caused by a mitochondrial metabolic reprogramming in erythropoietic cells. Metallomics, 2019, 11, 282-290.	2.4	28
34	Copper deficiency alters cell bioenergetics and induces mitochondrial fusion through up-regulation of MFN2 and OPA1 in erythropoietic cells. Biochemical and Biophysical Research Communications, 2013, 437, 426-432.	2.1	27
35	The impact of the micronutrient iodine in health and diseases. Critical Reviews in Food Science and Nutrition, 2022, 62, 1466-1479.	10.3	26
36	Expanding the Current Knowledge About the Role of Interleukin-10 to Major Concerning Bacteria. Frontiers in Microbiology, 2018, 9, 2047.	3.5	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. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 210-215.	7.1	24
38	Gestational Hypothyroidism Increases the Severity of Experimental Autoimmune Encephalomyelitis in Adult Offspring. Thyroid, 2013, 23, 1627-1637.	4.5	24
39	Modulation of Host Immunity by Human Respiratory Syncytial Virus Virulence Factors: A Synergic Inhibition of Both Innate and Adaptive Immunity. Frontiers in Cellular and Infection Microbiology, 2017, 7, 367.	3.9	22
40	BCG vaccination induces cross-protective immunity against pathogenic microorganisms. Trends in Immunology, 2022, 43, 322-335.	6.8	22
41	Altered Chemokine Receptor Expression in Papillary Thyroid Cancer. Thyroid, 2009, 19, 957-965.	4.5	21
42	New insights on the viral and host factors contributing to the airway pathogenesis caused by the respiratory syncytial virus. Critical Reviews in Microbiology, 2016, 42, 1-13.	6.1	21
43	Adaptive Responses of Mitochondria to Mild Copper Deprivation Involve Changes in Morphology, OXPHOS Remodeling and Bioenergetics. Journal of Cellular Physiology, 2014, 229, 607-619.	4.1	19
44	Lung pathology due to hRSV infection impairs blood-brain barrier permeability enabling astrocyte infection and a long-lasting inflammation in the CNS. Brain, Behavior, and Immunity, 2021, 91, 159-171.	4.1	19
45	Characterization of the Anti-Inflammatory Capacity of IL-10-Producing Neutrophils in Response to Streptococcus pneumoniae Infection. Frontiers in Immunology, 2021, 12, 638917.	4.8	19
46	Aberrant T cell immunity triggered by human Respiratory Syncytial Virus and human Metapneumovirus infection. Virulence, 2017, 8, 685-704.	4.4	18
47	Assessing the Importance of Domestic Vaccine Manufacturing Centers: An Overview of Immunization Programs, Vaccine Manufacture, and Distribution. Frontiers in Immunology, 2018, 9, 26.	4.8	18
48	Inflammatory damage on respiratory and nervous systems due to hRSV infection. Current Opinion in Immunology, 2015, 36, 14-21.	5.5	17
49	Novel therapies and vaccines against the human respiratory syncytial virus. Expert Opinion on Investigational Drugs, 2015, 24, 1613-1630.	4.1	14
50	Imprinting of maternal thyroid hormones in the offspring. International Reviews of Immunology, 2017, 36, 240-255.	3.3	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. Critical Care Medicine, 2019, 47, 942-950.	0.9	14
52	Differential expression profile of CXCR3 splicing variants is associated with thyroid neoplasia. Potential role in papillary thyroid carcinoma oncogenesis?. Oncotarget, 2018, 9, 2445-2467.	1.8	13
53	Modulation of Tumor Immunity by Soluble and Membrane-Bound Molecules at the Immunological Synapse. Clinical and Developmental Immunology, 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. Journal of Virological Methods, 2018, 254, 51-64.	2.1	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.	4.8	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.	2.5	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.	4.8	10
58	Gestational Hypothyroxinemia Affects Glutamatergic Synaptic Protein Distribution and Neuronal Plasticity Through Neuron-Astrocyte Interplay. <i>Molecular Neurobiology</i> , 2016, 53, 7158-7169.	4.0	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.	2.5	9
60	Modulation of Adaptive Immunity and Viral Infections by Ion Channels. <i>Frontiers in Physiology</i> , 2021, 12, 736681.	2.8	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.	3.5	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.	0.5	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.	4.0	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.	3.5	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.	4.8	3
66	Role of Regulatory T Cells in Infection and Vaccination During Early Infancy. <i>Current Pharmaceutical Design</i> , 2018, 24, 3495-3505.	1.9	1