

Alexander Visekruna

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

2,794
citations

236925

25
h-index

206112

48
g-index

53
all docs

53
docs citations

53
times ranked

4855
citing authors

#	ARTICLE	IF	CITATIONS
1	The short-chain fatty acid pentanoate suppresses autoimmunity by modulating the metabolic-epigenetic crosstalk in lymphocytes. <i>Nature Communications</i> , 2019, 10, 760.	12.8	275
2	Microbial short-chain fatty acids modulate CD8+ T cell responses and improve adoptive immunotherapy for cancer. <i>Nature Communications</i> , 2021, 12, 4077.	12.8	222
3	Heterogeneity in the Differentiation and Function of CD8+ T Cells. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2014, 62, 449-458.	2.3	214
4	IL-17A secretion by CD8+ T cells supports Th17-mediated autoimmune encephalomyelitis. <i>Journal of Clinical Investigation</i> , 2013, 123, 247-260.	8.2	199
5	The Microbial Metabolite Butyrate Induces Expression of Th1-Associated Factors in CD4+ T Cells. <i>Frontiers in Immunology</i> , 2017, 8, 1036.	4.8	193
6	Regulation of the effector function of CD8+ T cells by gut microbiota-derived metabolite butyrate. <i>Scientific Reports</i> , 2018, 8, 14430.	3.3	181
7	Targeting the proteasome: partial inhibition of the proteasome by bortezomib or deletion of the immunosubunit LMP7 attenuates experimental colitis. <i>Gut</i> , 2010, 59, 896-906.	12.1	150
8	Proteasome-mediated degradation of I β B \pm and processing of p105 in Crohn disease and ulcerative colitis. <i>Journal of Clinical Investigation</i> , 2006, 116, 3195-3203.	8.2	146
9	Short-chain fatty acids: Bacterial messengers modulating the immunometabolism of T cells. <i>European Journal of Immunology</i> , 2019, 49, 842-848.	2.9	116
10	c-Rel is crucial for the induction of Foxp3 ⁺ regulatory CD4 ⁺ T cells but not T _H 17 cells. <i>European Journal of Immunology</i> , 2010, 40, 671-676.	2.9	79
11	Exploring the Molecular Mechanisms Underlying the Protective Effects of Microbial SCFAs on Intestinal Tolerance and Food Allergy. <i>Frontiers in Immunology</i> , 2020, 11, 1225.	4.8	64
12	Tc9 cells, a new subset of CD8 ⁺ T cells, support Th2-mediated airway inflammation. <i>European Journal of Immunology</i> , 2013, 43, 606-618.	2.9	58
13	Functional heterogeneity of gut-resident regulatory T cells. <i>Clinical and Translational Immunology</i> , 2017, 6, e156.	3.8	58
14	IL-17 and TNF- α Are Key Mediators of <i>Moraxella catarrhalis</i> Triggered Exacerbation of Allergic Airway Inflammation. <i>Frontiers in Immunology</i> , 2017, 8, 1562.	4.8	58
15	The Role of Short-Chain Fatty Acids and Bile Acids in Intestinal and Liver Function, Inflammation, and Carcinogenesis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 703218.	3.7	55
16	A Key Role for NF- κ B Transcription Factor c-Rel in T-Lymphocyte-Differentiation and Effector Functions. <i>Clinical and Developmental Immunology</i> , 2012, 2012, 1-9.	3.3	54
17	rKLO8, a Novel <i>Leishmania donovani</i> - Derived Recombinant Immunodominant Protein for Sensitive Detection of Visceral Leishmaniasis in Sudan. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2322.	3.0	52
18	Matrix stiffness drives stromal autophagy and promotes formation of a protumorigenic niche. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	47

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19	Prevention of colitis-associated cancer by selective targeting of immunoproteasome subunit LMP7. <i>Oncotarget</i> , 2017, 8, 50447-50459.	1.8	46
20	Immunoproteasomes Are Essential for Clearance of <i>Listeria monocytogenes</i> in Nonlymphoid Tissues but Not for Induction of Bacteria-Specific CD8+ T Cells. <i>Journal of Immunology</i> , 2006, 177, 6238-6244.	0.8	44
21	Comparative expression analysis and characterization of 20S proteasomes in human intestinal tissues. <i>Inflammatory Bowel Diseases</i> , 2009, 15, 526-533.	1.9	39
22	Expression of catalytic proteasome subunits in the gut of patients with Crohn's disease. <i>International Journal of Colorectal Disease</i> , 2009, 24, 1133-1139.	2.2	38
23	Beyond Epithelial to Mesenchymal Transition: A Novel Role for the Transcription Factor Snail in Inflammation and Wound Healing. <i>Journal of Gastrointestinal Surgery</i> , 2010, 14, 388-397.	1.7	36
24	Dietary cellulose induces anti-inflammatory immunity and transcriptional programs via maturation of the intestinal microbiota. <i>Gut Microbes</i> , 2020, 12, 1829962.	9.8	35
25	IKK-induced NF- κ B1 p105 proteolysis is critical for B cell antibody responses to T cell-dependent antigen. <i>Journal of Experimental Medicine</i> , 2014, 211, 2085-2101.	8.5	28
26	Antigen receptor-mediated depletion of FOXP3 in induced regulatory T-lymphocytes via PTPN2 and FOXO1. <i>Nature Communications</i> , 2015, 6, 8576.	12.8	27
27	Genetic and pharmacological targeting of TPL-2 kinase ameliorates experimental colitis: a potential target for the treatment of Crohn's disease?. <i>Mucosal Immunology</i> , 2012, 5, 129-139.	6.0	26
28	c-Rel promotes type 1 and type 17 immune responses during <i>Leishmania major</i> infection. <i>European Journal of Immunology</i> , 2011, 41, 1388-1398.	2.9	24
29	The role of NF- κ B activation during protection against <i>Leishmania</i> infection. <i>International Journal of Medical Microbiology</i> , 2012, 302, 230-235.	3.6	23
30	Histone deacetylases 1 and 2 restrain CD4+ cytotoxic T lymphocyte differentiation. <i>JCI Insight</i> , 2020, 5, .	5.0	23
31	Intestinal development and homeostasis require activation and apoptosis of diet-reactive T cells. <i>Journal of Clinical Investigation</i> , 2019, 129, 1972-1983.	8.2	22
32	Lack of microbiota reduces innate responses and enhances adaptive immunity against <i>Listeria monocytogenes</i> infection. <i>European Journal of Immunology</i> , 2014, 44, 1710-1715.	2.9	20
33	Generation of Foxp3+CD25 ^{hi} Regulatory T-Cell Precursors Requires c-Rel and κ BNS. <i>Frontiers in Immunology</i> , 2019, 10, 1583.	4.8	20
34	The Proteasome System in Infection: Impact of κ 25 and LMP7 on Composition, Maturation and Quantity of Active Proteasome Complexes. <i>PLoS ONE</i> , 2012, 7, e39827.	2.5	19
35	c-REL and κ BNS Govern Common and Independent Steps of Regulatory T Cell Development from Novel CD122-Expressing Pre-Precursors. <i>Journal of Immunology</i> , 2017, 199, 920-930.	0.8	16
36	Pro- and Antitumorigenic Capacity of Immunoproteasomes in Shaping the Tumor Microenvironment. <i>Cancer Immunology Research</i> , 2021, 9, 682-692.	3.4	14

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37	Transcription factor c-Rel is indispensable for generation of thymic but not of peripheral Foxp3+ regulatory T cells. <i>Oncotarget</i> , 2017, 8, 52678-52689.	1.8	13
38	Chromatin Binding of c-REL and p65 Is Not Limiting for Macrophage IL12B Transcription During Immediate Suppression by Ovarian Carcinoma Ascites. <i>Frontiers in Immunology</i> , 2018, 9, 1425.	4.8	12
39	Transcription factor c-Rel plays a crucial role in driving anti-CD40-mediated innate colitis. <i>Mucosal Immunology</i> , 2015, 8, 307-315.	6.0	11
40	Microbial metabolites: novel therapeutic tools for boosting cancer therapies. <i>Trends in Cell Biology</i> , 2021, 31, 873-875.	7.9	10
41	<i>Tribolium castaneum</i> defensin 1 kills <i>Moraxella catarrhalis</i> in an in vitro infection model but does not harm commensal bacteria. <i>Virulence</i> , 2021, 12, 1003-1010.	4.4	7
42	Association between activation of atypical NF- κ B1 p105 signaling pathway and nuclear β -catenin accumulation in colorectal carcinoma. <i>Molecular Carcinogenesis</i> , 2010, 49, 121-129.	2.7	6
43	NALP expression in Paneth cells provides a novel track in IBD signaling. <i>Langenbeck's Archives of Surgery</i> , 2010, 395, 351-357.	1.9	4
44	Recognition of food antigens by the mucosal and systemic immune system: Consequences for intestinal development and homeostasis. <i>International Journal of Medical Microbiology</i> , 2021, 311, 151493.	3.6	3
45	Mucosal Immunity and Inflammation. <i>Methods in Microbiology</i> , 2010, 37, 353-367.	0.8	2
46	Transcription factor c-Rel mediates communication between commensal bacteria and mucosal lymphocytes. <i>Journal of Leukocyte Biology</i> , 2022, 111, 1001-1007.	3.3	2
47	The Role of Immunoproteasomes in Tumor-Immune Cell Interactions in Melanoma and Colon Cancer. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2022, 70, 5.	2.3	2
48	The NF- κ B transcription factor c-Rel controls host defense against <i>Citrobacter rodentium</i> . <i>European Journal of Immunology</i> , 2020, 50, 292-294.	2.9	1
49	M1630 Beyond Epithelial to Mesenchymal Transition: A Novel Role for the Transcription Factor Snail in Inflammation and Wound Healing. <i>Gastroenterology</i> , 2009, 136, A-398.	1.3	0
50	Use of Inhibitory Compounds to Dissect the Molecular Pathways Involved in Regulatory B-Cell Differentiation. <i>Methods in Molecular Biology</i> , 2021, 2270, 283-294.	0.9	0
51	Leprosy susceptibility-a matter of protein degradation? The role of proteasomes in infection and disease. <i>International Journal of Leprosy and Other Mycobacterial Diseases</i> , 2005, 73, 135-7.	0.3	0
52	Verteporfin protects against Th17 cell-mediated EAE independently of YAP inhibition. <i>European Journal of Immunology</i> , 2022, 52, 1523-1526.	2.9	0