

Marcel Nold

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

5,889
citations

101543

36
h-index

118850

62
g-index

66
all docs

66
docs citations

66
times ranked

7494
citing authors

#	ARTICLE	IF	CITATIONS
1	IL-37 is a fundamental inhibitor of innate immunity. <i>Nature Immunology</i> , 2010, 11, 1014-1022.	14.5	735
2	Differential requirement for the activation of the inflammasome for processing and release of IL-1 β in monocytes and macrophages. <i>Blood</i> , 2009, 113, 2324-2335.	1.4	714
3	IL-37 requires the receptors IL-18R α and IL-1R8 (SIGIRR) to carry out its multifaceted anti-inflammatory program upon innate signal transduction. <i>Nature Immunology</i> , 2015, 16, 354-365.	14.5	352
4	IL-37: a new anti-inflammatory cytokine of the IL-1 family. <i>European Cytokine Network</i> , 2011, 22, 127-147.	2.0	302
5	IL-1 family nomenclature. <i>Nature Immunology</i> , 2010, 11, 973-973.	14.5	294
6	Interleukin 37 expression protects mice from colitis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 16711-16716.	7.1	289
7	A three-stage intrathymic development pathway for the mucosal-associated invariant T cell lineage. <i>Nature Immunology</i> , 2016, 17, 1300-1311.	14.5	288
8	The IL-1 Family Member 7b Translocates to the Nucleus and Down-Regulates Proinflammatory Cytokines. <i>Journal of Immunology</i> , 2008, 180, 5477-5482.	0.8	204
9	Suppression of innate inflammation and immunity by interleukin-37. <i>European Journal of Immunology</i> , 2016, 46, 1067-1081.	2.9	189
10	Role of caspase-1 in nuclear translocation of IL-37, release of the cytokine, and IL-37 inhibition of innate immune responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 2650-2655.	7.1	182
11	Suppression of antigen-specific adaptive immunity by IL-37 via induction of tolerogenic dendritic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 15178-15183.	7.1	151
12	Expression and Release of IL-18 Binding Protein in Response to IFN- γ . <i>Journal of Immunology</i> , 2001, 167, 7038-7043.	0.8	133
13	Interleukin-1 receptor antagonist prevents murine bronchopulmonary dysplasia induced by perinatal inflammation and hyperoxia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 14384-14389.	7.1	133
14	IL-32 α -dependent effects of IL-1 β on endothelial cell functions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 3883-3888.	7.1	129
15	Endogenous IL-32 Controls Cytokine and HIV-1 Production. <i>Journal of Immunology</i> , 2008, 181, 557-565.	0.8	118
16	Brief Report: Interleukin-38 Exerts Antiinflammatory Functions and Is Associated With Disease Activity in Systemic Lupus Erythematosus. <i>Arthritis and Rheumatology</i> , 2015, 67, 3219-3225.	5.6	102
17	Thrombosis in the critically ill neonate: incidence, diagnosis, and management. <i>Vascular Health and Risk Management</i> , 2008, Volume 4, 1337-1348.	2.3	96
18	Clinical associations of IL-10 and IL-37 in systemic lupus erythematosus. <i>Scientific Reports</i> , 2016, 6, 34604.	3.3	81

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19	The Histone Deacetylase Inhibitor ITF2357 Decreases Surface CXCR4 and CCR5 Expression on CD4+ T-Cells and Monocytes and is Superior to Valproic Acid for Latent HIV-1 Expression in Vitro. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2010, 54, 1-9.	2.1	80
20	IL-32 Promotes Angiogenesis. <i>Journal of Immunology</i> , 2014, 192, 589-602.	0.8	74
21	The immunological landscape in necrotising enterocolitis. <i>Expert Reviews in Molecular Medicine</i> , 2016, 18, e12.	3.9	68
22	Pulmonary hypertension associated with bronchopulmonary dysplasia in preterm infants. <i>Journal of Reproductive Immunology</i> , 2017, 124, 21-29.	1.9	56
23	Refining anti-inflammatory therapy strategies for bronchopulmonary dysplasia. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 1128-1138.	3.6	55
24	IL-18 initiates release of matrix metalloproteinase-9 from peripheral blood mononuclear cells without affecting tissue inhibitor of matrix metalloproteinases-1: suppression by TNF α blockage and modulation by IL-10. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2003, 367, 68-75.	3.0	54
25	Disseminated Intravascular Coagulation in Term and Preterm Neonates. <i>Seminars in Thrombosis and Hemostasis</i> , 2010, 36, 419-428.	2.7	53
26	Characterization of the pathoimmunology of necrotizing enterocolitis reveals novel therapeutic opportunities. <i>Nature Communications</i> , 2020, 11, 5794.	12.8	53
27	Homodimerization attenuates the anti-inflammatory activity of interleukin-37. <i>Science Immunology</i> , 2017, 2, .	11.9	51
28	Monocytes and dendritic cells are the primary sources of interleukin 37 in human immune cells. <i>Journal of Leukocyte Biology</i> , 2017, 101, 901-911.	3.3	49
29	Remifentanyl ameliorates intestinal ischemia-reperfusion injury. <i>BMC Gastroenterology</i> , 2013, 13, 69.	2.0	47
30	Activated protein C downregulates p38 mitogen-activated protein kinase and improves clinical parameters in an in-vivo model of septic shock. <i>Thrombosis and Haemostasis</i> , 2007, 98, 1118-1126.	3.4	44
31	Protection from RNA and DNA Viruses by IL-32. <i>Journal of Immunology</i> , 2011, 186, 4110-4118.	0.8	42
32	Airway Remodeling and Hyperreactivity in a Model of Bronchopulmonary Dysplasia and Their Modulation by IL-1 Receptor Antagonist. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 55, 858-868.	2.9	40
33	Expression and release of chemokines associated with apoptotic cell death in human promonocytic U937 cells and peripheral blood mononuclear cells. <i>European Journal of Immunology</i> , 1999, 29, 3225-3235.	2.9	39
34	Interleukin-18 secretion and Th1-like cytokine responses in human peripheral blood mononuclear cells under the influence of the toll-like receptor-5 ligand flagellin. <i>Cellular Microbiology</i> , 2006, 8, 289-300.	2.1	38
35	Peptides modulating conformational changes in secreted chaperones: From in silico design to preclinical proof of concept. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 13797-13801.	7.1	38
36	Increased Cytokine Production in Interleukin-18 Receptor α -deficient Cells Is Associated with Dysregulation of Suppressors of Cytokine Signaling. <i>Journal of Biological Chemistry</i> , 2009, 284, 25900-25911.	3.4	38

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37	Role of IL-18 in Second-Hand Smoke-Induced Emphysema. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 48, 725-732.	2.9	36
38	Interleukin-1 Receptor Antagonist Protects Newborn Mice Against Pulmonary Hypertension. <i>Frontiers in Immunology</i> , 2019, 10, 1480.	4.8	35
39	Expression of interleukin-8, heme oxygenase-1 and vascular endothelial growth factor in DLD-1 colon carcinoma cells exposed to pyrrolidine dithiocarbamate. <i>Carcinogenesis</i> , 2002, 23, 1273-1279.	2.8	33
40	Nitric oxide augments release of chemokines from monocytic U937 cells: modulation by anti-inflammatory pathways. <i>Free Radical Biology and Medicine</i> , 2000, 29, 969-980.	2.9	29
41	Of bats and men: Immunomodulatory treatment options for COVID-19 guided by the immunopathology of SARS-CoV-2 infection. <i>Science Immunology</i> , 2021, 6, eabd0205.	11.9	26
42	Failure of Interferon β to Induce the Anti-Inflammatory Interleukin 18 Binding Protein in Familial Hemophagocytosis. <i>PLoS ONE</i> , 2010, 5, e8663.	2.5	25
43	IL-37 increases in patients after ischemic stroke and protects from inflammatory brain injury, motor impairment and lung infection in mice. <i>Scientific Reports</i> , 2019, 9, 6922.	3.3	24
44	IL-18BP _a :Fc cooperates with immunosuppressive drugs in human whole blood. <i>Biochemical Pharmacology</i> , 2003, 66, 505-510.	4.4	23
45	Interleukin-1 blockade attenuates white matter inflammation and oligodendrocyte loss after progressive systemic lipopolysaccharide exposure in near-term fetal sheep. <i>Journal of Neuroinflammation</i> , 2021, 18, 189.	7.2	23
46	IL-37 Causes Excessive Inflammation and Tissue Damage in Murine Pneumococcal Pneumonia. <i>Journal of Innate Immunity</i> , 2017, 9, 403-418.	3.8	21
47	Parsing the IL-37-Mediated Suppression of Inflammasome Function. <i>Cells</i> , 2020, 9, 178.	4.1	21
48	BNP, troponin I, and YKL-40 as screening markers in extremely preterm infants at risk for pulmonary hypertension associated with bronchopulmonary dysplasia. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 311, L1076-L1081.	2.9	19
49	Hypoxia Increases Group IIA Phospholipase A ₂ Expression under Inflammatory Conditions in Rat Renal Mesangial Cells. <i>Journal of the American Society of Nephrology: JASN</i> , 2005, 16, 2897-2905.	6.1	18
50	The effect of prenatal maternal infection on respiratory function in mouse offspring: evidence for enhanced chemosensitivity. <i>Journal of Applied Physiology</i> , 2015, 119, 299-307.	2.5	17
51	Fetal inhibition of inflammation improves disease phenotypes in harlequin ichthyosis. <i>Human Molecular Genetics</i> , 2015, 24, 436-449.	2.9	17
52	Protein C concentrate in preterm neonates with sepsis. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2009, 98, 1526-1529.	1.5	16
53	Rare variants in non-coding regulatory regions of the genome that affect gene expression in systemic lupus erythematosus. <i>Scientific Reports</i> , 2019, 9, 15433.	3.3	16
54	Rational design of antisense oligonucleotides modulating the activity of TLR7/8 agonists. <i>Nucleic Acids Research</i> , 2020, 48, 7052-7065.	14.5	16

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55	Type 2 immune polarization is associated with cardiopulmonary disease in preterm infants. <i>Science Translational Medicine</i> , 2022, 14, eaaz8454.	12.4	14
56	Preterm lambs given intravenous dopamine show increased dopamine in their cerebrospinal fluid. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2014, 103, 337-342.	1.5	11
57	Protein C preserves microcirculation in a model of neonatal septic shock. <i>Vascular Health and Risk Management</i> , 2009, 5, 775.	2.3	9
58	Gp96 Peptide Antagonist gp96-II Confers Therapeutic Effects in Murine Intestinal Inflammation. <i>Frontiers in Immunology</i> , 2017, 8, 1531.	4.8	7
59	Circulating Interleukin-37 Levels in Healthy Adult Humans – Establishing a Reference Range. <i>Frontiers in Immunology</i> , 2021, 12, 708425.	4.8	7
60	Protein engineering of a stable and potent anti-inflammatory IL-37-Fc fusion with enhanced therapeutic potential. <i>Cell Chemical Biology</i> , 2022, 29, 586-596.e4.	5.2	7
61	Molecular signature of interleukin-22 in colon carcinoma cells and organoid models. <i>Translational Research</i> , 2020, 216, 1-22.	5.0	6
62	Small airway hyperresponsiveness is associated with impaired alveolar development in a mouse model of bronchopulmonary dysplasia. , 2015, , .		1
63	Effect of protein C and activated protein C on alveolar fibrin deposition and turnover in a piglet model of septic shock. <i>Journal of Thrombosis and Haemostasis</i> , 2006, 4, 2488-2490.	3.8	0
64	Safety of in utero exposure to maternal IBD pharmacotherapies. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2022, , .	17.8	0