

# Detlef Neumann

## List of Publications by Year in descending order

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66  
papers

2,298  
citations

185998

28  
h-index

223531

46  
g-index

67  
all docs

67  
docs citations

67  
times ranked

2640  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sequential Autophosphorylation Steps in the Interleukin-1 Receptor-associated Kinase-1 Regulate its Availability as an Adapter in Interleukin-1 Signaling. <i>Journal of Biological Chemistry</i> , 2004, 279, 5227-5236.	1.6	204
2	Interleukin-1-induced cyclooxygenase 2 expression is suppressed by cyclosporin A in rat mesangial cells. <i>Kidney International</i> , 1994, 45, 150-158.	2.6	165
3	Molecular and cellular analysis of human histamine receptor subtypes. <i>Trends in Pharmacological Sciences</i> , 2013, 34, 33-58.	4.0	152
4	Norovirus Triggered Microbiota-driven Mucosal Inflammation in Interleukin 10-deficient Mice. <i>Inflammatory Bowel Diseases</i> , 2014, 20, 431-443.	0.9	131
5	IL-18 cDNA vaccination protects mice from spontaneous lupus-like autoimmune disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 14181-14186.	3.3	118
6	Paradoxical Stimulatory Effects of the $\alpha$ -Standard-Histamine H <sub>4</sub> -Receptor Antagonist JNJ7777120: the H <sub>4</sub> Receptor Joins the Club of 7 Transmembrane Domain Receptors Exhibiting Functional Selectivity. <i>Molecular Pharmacology</i> , 2011, 79, 631-638.	1.0	82
7	Commercially available antibodies against human and murine histamine H <sub>4</sub> -receptor lack specificity. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2012, 385, 125-135.	1.4	69
8	Modulation of behavior by the histaminergic system: Lessons from HDC-, H <sub>3</sub> R- and H <sub>4</sub> R-deficient mice. <i>Neuroscience and Biobehavioral Reviews</i> , 2014, 47, 101-121.	2.9	69
9	Incomplete activation of human eosinophils via the histamine H <sub>4</sub> -receptor: Evidence for ligand-specific receptor conformations. <i>Biochemical Pharmacology</i> , 2012, 84, 192-203.	2.0	65
10	The Membrane Form of the Type II IL-1 Receptor Accounts for Inhibitory Function. <i>Journal of Immunology</i> , 2000, 165, 3350-3357.	0.4	64
11	Model of interaction of the IL-1 receptor accessory protein IL-1RAcP with the IL-1 $\beta$ /IL-1R complex. <i>FEBS Letters</i> , 2001, 499, 65-68.	1.3	64
12	IL-18 Activity in Systemic Lupus Erythematosus. <i>Annals of the New York Academy of Sciences</i> , 2009, 1173, 301-309.	1.8	60
13	Interactions of Histamine H <sub>1</sub> -Receptor Agonists and Antagonists with the Human Histamine H <sub>4</sub> -Receptor. <i>Molecular Pharmacology</i> , 2009, 76, 1019-1030.	1.0	51
14	Strain-specific colitis susceptibility in IL10-deficient mice depends on complex gut microbiota-host interactions. <i>Inflammatory Bowel Diseases</i> , 2012, 18, 943-954.	0.9	45
15	A CMP-sialic acid transporter cloned from <i>Arabidopsis thaliana</i> . <i>Carbohydrate Research</i> , 2008, 343, 2148-2152.	1.1	42
16	Modulation of behavior by the histaminergic system: Lessons from H <sub>1</sub> R- and H <sub>2</sub> R-deficient mice. <i>Neuroscience and Biobehavioral Reviews</i> , 2014, 42, 252-266.	2.9	42
17	Interleukin-4 administration improves muscle function, adult myogenesis, and lifespan of colon carcinoma-bearing mice. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020, 11, 783-801.	2.9	42
18	Does the Histamine H <sub>4</sub> Receptor Have a Pro- or Anti-Inflammatory Role in Murine Bronchial Asthma?. <i>Pharmacology</i> , 2010, 85, 217-223.	0.9	40

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19	Lymphocytes from Autoimmune MRL <i>lpr/lpr</i> Mice Are Hyperresponsive to IL-18 and Overexpress the IL-18 Receptor Accessory Chain. <i>Journal of Immunology</i> , 2001, 166, 3757-3762.	0.4	36
20	IL-1 $\gamma$ -induced phosphorylation of PKB/Akt depends on the presence of IRAK-1. <i>European Journal of Immunology</i> , 2002, 32, 3689-3698.	1.6	35
21	The death domain of IRAK-1: An oligomerization domain mediating interactions with MyD88, Tollip, IRAK-1, and IRAK-4. <i>Biochemical and Biophysical Research Communications</i> , 2007, 354, 1089-1094.	1.0	34
22	Evidence for ligand-specific conformations of the histamine H <sub>2</sub> -receptor in human eosinophils and neutrophils. <i>Biochemical Pharmacology</i> , 2012, 84, 1174-1185.	2.0	34
23	Analysis of Histamine Receptor Knockout Mice in Models of Inflammation. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2014, 348, 2-11.	1.3	34
24	The Interleukin 1 (IL-1) Receptor Accessory Protein Toll/IL-1 Receptor Domain. <i>Journal of Biological Chemistry</i> , 2003, 278, 49145-49153.	1.6	31
25	Lung function and inflammation during murine <i>Pseudomonas aeruginosa</i> airway infection. <i>Immunobiology</i> , 2011, 216, 901-908.	0.8	31
26	Histamine induces chemotaxis and phagocytosis in murine bone marrow-derived macrophages and RAW 264.7 macrophage-like cells via histamine H <sub>4</sub> -receptor. <i>Inflammation Research</i> , 2014, 63, 239-247.	1.6	31
27	The histamine H <sub>4</sub> -receptor (H <sub>4</sub> R) regulates eosinophilic inflammation in ovalbumin-induced experimental allergic asthma in mice. <i>European Journal of Immunology</i> , 2015, 45, 1129-1140.	1.6	31
28	Opposite Effects of Mepyramine on JNJ 777120-Induced Amelioration of Experimentally Induced Asthma in Mice in Sensitization and Provocation. <i>PLoS ONE</i> , 2012, 7, e30285.	1.1	28
29	Systematic analysis of histamine and N-methylhistamine concentrations in organs from two common laboratory mouse strains: C57Bl/6 and Balb/c. <i>Inflammation Research</i> , 2011, 60, 1153-1159.	1.6	27
30	Proinflammatory role of the histamine H <sub>4</sub> receptor in dextrane sodium sulfate-induced acute colitis. <i>Biochemical Pharmacology</i> , 2015, 98, 102-109.	2.0	24
31	Histamine H <sub>1</sub> - and H <sub>4</sub> -receptor signaling cooperatively regulate MAPK activation. <i>Biochemical Pharmacology</i> , 2015, 98, 432-439.	2.0	24
32	Delineating the Role of Histamine-1- and -4-Receptors in a Mouse Model of Th <sub>2</sub> -Dependent Antigen-Specific Skin Inflammation. <i>PLoS ONE</i> , 2014, 9, e87296.	1.1	24
33	The dual H <sub>3</sub> /H <sub>4</sub> R antagonist thioperamide does not fully mimic the effects of the "standard" H <sub>4</sub> R antagonist JNJ 777120 in experimental murine asthma. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2013, 386, 983-990.	1.4	23
34	Interleukin-12 Upregulates the IL-18R $\beta$ 2 Chain in BALB/c Thymocytes. <i>Journal of Interferon and Cytokine Research</i> , 2001, 21, 635-642.	0.5	22
35	Threonine 66 in the death domain of IRAK-1 is critical for interaction with signaling molecules but is not a target site for autophosphorylation. <i>Journal of Leukocyte Biology</i> , 2008, 84, 807-813.	1.5	20
36	Use of monoclonal antibodies to assess expression of anaphylatoxin receptors in tubular epithelial cells of human, murine and rat kidneys. <i>Immunobiology</i> , 2007, 212, 129-139.	0.8	19

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37	Experimental Bronchial Asthma – The Strength of the Species Rat. <i>Current Drug Targets</i> , 2008, 9, 466-469.	1.0	19
38	The Function of the Histamine H4 Receptor in Inflammatory and Inflammation-Associated Diseases of the Gut. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6116.	1.8	18
39	Human neutrophils are activated by a peptide fragment of Clostridium difficile toxin B presumably via formyl peptide receptor. <i>Cellular Microbiology</i> , 2015, 17, 893-909.	1.1	17
40	Endogenous IL-18 in experimentally induced asthma affects cytokine serum levels but is irrelevant for clinical symptoms. <i>Cytokine</i> , 2008, 42, 298-305.	1.4	16
41	Analysis of the histamine H2-receptor in human monocytes. <i>Biochemical Pharmacology</i> , 2014, 92, 369-379.	2.0	16
42	No Evidence for Histamine H <sub>4</sub> Receptor in Human Monocytes. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2014, 351, 519-526.	1.3	15
43	The first two N-terminal immunoglobulin-like domains of soluble human IL-1 receptor type II are sufficient to bind and neutralize IL-1 $\beta$ . <i>FEBS Letters</i> , 2000, 487, 189-193.	1.3	13
44	The therapeutic potential of histamine receptor ligands in inflammatory bowel disease. <i>Biochemical Pharmacology</i> , 2014, 91, 12-17.	2.0	13
45	Deletion of IL-18 Expression Ameliorates Spontaneous Kidney Failure in MRLlpr Mice. <i>PLoS ONE</i> , 2015, 10, e0140173.	1.1	13
46	Histamine H4-receptor expression in the brain?. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2015, 388, 5-9.	1.4	12
47	High constitutive Akt2 activity in U937 promonocytes: effective reduction of Akt2 phosphorylation by the histamine H2-receptor and the $\beta$ 2-adrenergic receptor. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2016, 389, 87-101.	1.4	12
48	Secreted proteome of the murine multipotent hematopoietic progenitor cell line DKmix. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 561-570.	0.7	11
49	Distinct Signalling Pathways of Murine Histamine H1- and H4-Receptors Expressed at Comparable Levels in HEK293 Cells. <i>PLoS ONE</i> , 2014, 9, e107481.	1.1	11
50	Lack of Histamine H4-Receptor Expression Aggravates TNBS-Induced Acute Colitis Symptoms in Mice. <i>Frontiers in Pharmacology</i> , 2017, 8, 642.	1.6	11
51	Injection of IL-12- and IL-18-encoding plasmids ameliorates the autoimmune pathology of MRL/Mp-Tnfrsf6lpr mice: synergistic effect on autoimmune symptoms. <i>International Immunology</i> , 2006, 18, 1779-1787.	1.8	10
52	Use of monoclonal antibodies to assess expression of anaphylatoxin receptors in rat and murine models of lung inflammation. <i>Experimental and Toxicologic Pathology</i> , 2007, 58, 419-425.	2.1	10
53	Problems associated with the use of commercial and non-commercial antibodies against the histamine H4 receptor. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2012, 385, 855-860.	1.4	10
54	Impact of boosting for the strength of asthma parameters and dendritic cell numbers in a C57BL/6 model of allergic airway inflammation. <i>Experimental and Toxicologic Pathology</i> , 2008, 60, 425-434.	2.1	7

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55	In vivo Evidence for Partial Activation of Eosinophils via the Histamine H <sub>4</sub> -Receptor: Adoptive Transfer Experiments Using Eosinophils From H4R <sup>-/-</sup> and H4R <sup>+/+</sup> Mice. <i>Frontiers in Immunology</i> , 2018, 9, 2119.	2.2	7
56	Genetic Deficiency of the Histamine H <sub>4</sub> -Receptor Reduces Experimental Colorectal Carcinogenesis in Mice. <i>Cancers</i> , 2020, 12, 912.	1.7	7
57	Withdrawal of 2-mercaptoethanol induces apoptosis in a B-cell line via fas upregulation. , 1998, 177, 68-75.		6
58	Histamine via the Histamine H <sub>2</sub> -Receptor Reduces Î±-CD3-Induced Interferon-Î³ Synthesis in Murine CD4 <sup>+</sup> T Cells in an Indirect Manner. <i>Journal of Interferon and Cytokine Research</i> , 2012, 32, 185-190.	0.5	6
59	Role of the Histamine H <sub>4</sub> -Receptor in Bronchial Asthma. <i>Handbook of Experimental Pharmacology</i> , 2016, 241, 347-359.	0.9	6
60	Flow cytometric analysis with a fluorescently labeled formyl peptide receptor ligand as a new method to study the pharmacological profile of the histamine H <sub>2</sub> receptor. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2015, 388, 1039-1052.	1.4	5
61	Mouse Colonic Epithelial Cells Functionally Express the Histamine H <sub>4</sub> Receptor. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2020, 373, 167-174.	1.3	5
62	Histamine regulates murine primary dendritic cell functions. <i>Immunopharmacology and Immunotoxicology</i> , 2016, 38, 379-384.	1.1	3
63	Overexpression of the bcl-2 oncogene in the mouse pre-B cell line SPGM-1 protects from apoptosis, but does not affect blocked B-lineage differentiation and lineage switch towards macrophage like cells. <i>Cell Death and Differentiation</i> , 1997, 4, 580-589.	5.0	2
64	Probiotics in Naunyn-Schmiedeberg's Archives of Pharmacology. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2021, 394, 1595-1597.	1.4	2
65	Development of biologicals for the therapy of lupus erythematosus. <i>Expert Review of Vaccines</i> , 2007, 6, 1001-1011.	2.0	1
66	10 Relevance of IL-18 in DSS-induced Colitis in Mice. <i>Cytokine</i> , 2007, 39, 3.	1.4	0