

# Andreas Meinhardt

## List of Publications by Year in descending order

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Version: 2024-02-01

63  
papers

3,119  
citations

159585

30  
h-index

168389

53  
g-index

65  
all docs

65  
docs citations

65  
times ranked

2847  
citing authors

#	ARTICLE	IF	CITATIONS
1	The testis in immune privilege. <i>Immunological Reviews</i> , 2006, 213, 66-81.	6.0	372
2	Immunological, paracrine and endocrine aspects of testicular immune privilege. <i>Molecular and Cellular Endocrinology</i> , 2011, 335, 60-68.	3.2	205
3	Infectious, inflammatory and "autoimmune" male factor infertility: how do rodent models inform clinical practice?. <i>Human Reproduction Update</i> , 2018, 24, 416-441.	10.8	188
4	Testosterone Replacement Effectively Inhibits the Development of Experimental Autoimmune Orchitis in Rats: Evidence for a Direct Role of Testosterone on Regulatory T Cell Expansion. <i>Journal of Immunology</i> , 2011, 186, 5162-5172.	0.8	163
5	Androgen receptor modulates <i>Foxp3</i> expression in CD4 <sup>+</sup> CD25 <sup>+</sup> Foxp3 <sup>+</sup> regulatory T-cells. <i>Molecular Biology of the Cell</i> , 2015, 26, 2845-2857.	2.1	118
6	Uropathogenic <i>Escherichia coli</i> Block MyD88-Dependent and Activate MyD88-Independent Signaling Pathways in Rat Testicular Cells. <i>Journal of Immunology</i> , 2008, 180, 5537-5547.	0.8	98
7	Immunoprivileged Sites: The Testis. <i>Methods in Molecular Biology</i> , 2010, 677, 459-470.	0.9	88
8	Characterization of the Micro-Environment of the Testis that Shapes the Phenotype and Function of Testicular Macrophages. <i>Journal of Immunology</i> , 2017, 198, 4327-4340.	0.8	86
9	Cytokine profiles in the testes of rats treated with lipopolysaccharide reveal localized suppression of inflammatory responses. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005, 288, R1744-R1755.	1.8	80
10	Immune Privilege and Inflammation of the Testis. , 2005, 88, 1-14.		77
11	Identification of immunodominant autoantigens in rat autoimmune orchitis. <i>Journal of Pathology</i> , 2005, 207, 127-138.	4.5	75
12	Identification of a dendritic cell population in normal testis and in chronically inflamed testis of rats with autoimmune orchitis. <i>Cell and Tissue Research</i> , 2006, 324, 311-318.	2.9	71
13	The macrophages in testis function. <i>Journal of Reproductive Immunology</i> , 2017, 119, 107-112.	1.9	71
14	Expression of co-stimulatory molecules, chemokine receptors and proinflammatory cytokines in dendritic cells from normal and chronically inflamed rat testis. <i>Molecular Human Reproduction</i> , 2007, 13, 853-861.	2.8	70
15	Epididymitis: revelations at the convergence of clinical and basic sciences. <i>Asian Journal of Andrology</i> , 2015, 17, 756.	1.6	69
16	Uropathogenic <i>E. coli</i> Induce Different Immune Response in Testicular and Peritoneal Macrophages: Implications for Testicular Immune Privilege. <i>PLoS ONE</i> , 2011, 6, e28452.	2.5	68
17	Ribosomal Protein S19 Interacts with Macrophage Migration Inhibitory Factor and Attenuates Its Pro-inflammatory Function. <i>Journal of Biological Chemistry</i> , 2009, 284, 7977-7985.	3.4	64
18	Differential Activation of Inflammatory Pathways in Testicular Macrophages Provides a Rationale for Their Subdued Inflammatory Capacity. <i>Journal of Immunology</i> , 2015, 194, 5455-5464.	0.8	64

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19	Immune Cell Subtypes and Their Function in the Testis. <i>Frontiers in Immunology</i> , 2020, 11, 583304.	4.8	62
20	High estradiol and low testosterone levels are associated with critical illness in male but not in female COVID-19 patients: a retrospective cohort study. <i>Emerging Microbes and Infections</i> , 2021, 10, 1807-1818.	6.5	54
21	Blocking Macrophage Migration Inhibitory Factor Protects Against Cisplatin-Induced Acute Kidney Injury in Mice. <i>Molecular Therapy</i> , 2018, 26, 2523-2532.	8.2	49
22	Two populations of self-maintaining monocyte-independent macrophages exist in adult epididymis and testis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	49
23	Necrosis Is the Dominant Cell Death Pathway in Uropathogenic <i>Escherichia coli</i> Elicited Epididymo-Orchitis and Is Responsible for Damage of Rat Testis. <i>PLoS ONE</i> , 2013, 8, e52919.	2.5	48
24	Uropathogenic <i>Escherichia coli</i> causes fibrotic remodelling of the epididymis. <i>Journal of Pathology</i> , 2016, 240, 15-24.	4.5	47
25	Structural and Functional Integrity of Spermatozoa Is Compromised as a Consequence of Acute Uropathogenic <i>E. coli</i> -Associated Epididymitis. <i>Biology of Reproduction</i> , 2013, 89, 59.	2.7	42
26	Influence of Testosterone on Inflammatory Response in Testicular Cells and Expression of Transcription Factor Foxp3 in T Cells. <i>American Journal of Reproductive Immunology</i> , 2015, 74, 12-25.	1.2	42
27	Microenvironmental signals govern the cellular identity of testicular macrophages. <i>Journal of Leukocyte Biology</i> , 2018, 104, 757-766.	3.3	41
28	Targeting high mobility group box protein 1 ameliorates testicular inflammation in experimental autoimmune orchitis. <i>Human Reproduction</i> , 2015, 30, 417-431.	0.9	40
29	The immune privilege of testis and gravid uterus: Same difference?. <i>Molecular and Cellular Endocrinology</i> , 2014, 382, 509-520.	3.2	38
30	Testicular activin and follistatin levels are elevated during the course of experimental autoimmune epididymo-orchitis in mice. <i>Scientific Reports</i> , 2017, 7, 42391.	3.3	35
31	Resistance to apoptosis and autophagy leads to enhanced survival in Sertoli cells. <i>Molecular Human Reproduction</i> , 2017, 23, 370-380.	2.8	33
32	Galectin-1 enhances TNF $\alpha$ -induced inflammatory responses in Sertoli cells through activation of MAPK signalling. <i>Scientific Reports</i> , 2018, 8, 3741.	3.3	31
33	Macrophage migration inhibitory factor promotes renal injury induced by ischemic reperfusion. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 3867-3877.	3.6	31
34	Differential tissue-specific damage caused by bacterial epididymo-orchitis in the mouse. <i>Molecular Human Reproduction</i> , 2020, 26, 215-227.	2.8	31
35	Ribosomal protein S19 is a novel therapeutic agent in inflammatory kidney disease. <i>Clinical Science</i> , 2013, 124, 627-637.	4.3	30
36	Developmental origins of male subfertility: role of infection, inflammation, and environmental factors. <i>Seminars in Immunopathology</i> , 2016, 38, 765-781.	6.1	30

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37	Differential Immune Response to Infection and Acute Inflammation Along the Epididymis. <i>Frontiers in Immunology</i> , 2020, 11, 599594.	4.8	27
38	H3K79 methylation: a new conserved mark that accompanies H4 hyperacetylation prior to histone-to-protamine transition in <i>Drosophila</i> and rat. <i>Biology Open</i> , 2014, 3, 444-452.	1.2	25
39	Uropathogenic <i>Escherichia coli</i> virulence factor hemolysin A causes programmed cell necrosis by altering mitochondrial dynamics. <i>FASEB Journal</i> , 2018, 32, 4107-4120.	0.5	25
40	COP9 Signalosome Interacts ATP-dependently with p97/Valosin-containing Protein (VCP) and Controls the Ubiquitination Status of Proteins Bound to p97/VCP. <i>Journal of Biological Chemistry</i> , 2009, 284, 34944-34953.	3.4	24
41	Ultra-structure of the sperm head-to-tail linkage complex in the absence of the spermatid-specific LINC component SPAG4. <i>Histochemistry and Cell Biology</i> , 2018, 150, 49-59.	1.7	24
42	Induction of experimental autoimmune orchitis in mice: responses to elevated circulating levels of the activin-binding protein, follistatin. <i>Reproduction</i> , 2017, 154, 293-305.	2.6	23
43	Mechanism of Inflammatory Associated Impairment of Sperm Function, Spermatogenesis and Steroidogenesis. <i>Frontiers in Endocrinology</i> , 2022, 13, 897029.	3.5	23
44	Pathomechanisms of Autoimmune Based Testicular Inflammation. <i>Frontiers in Immunology</i> , 2020, 11, 583135.	4.8	22
45	Uropathogenic <i>Escherichia coli</i> Modulates Innate Immunity To Suppress Th1-Mediated Inflammatory Responses during Infectious Epididymitis. <i>Infection and Immunity</i> , 2014, 82, 1104-1111.	2.2	19
46	Testicular macrophages: development and function in health and disease. <i>Trends in Immunology</i> , 2022, 43, 51-62.	6.8	16
47	Investigation of activin A in inflammatory responses of the testis and its role in the development of testicular fibrosis. <i>Human Reproduction</i> , 2019, 34, 1536-1550.	0.9	15
48	Region-specific immune responses to autoimmune epididymitis in the murine reproductive tract. <i>Cell and Tissue Research</i> , 2020, 381, 351-360.	2.9	15
49	Uropathogenic <i>Escherichia coli</i> Epigenetically Manipulate Host Cell Death Pathways. <i>Journal of Infectious Diseases</i> , 2016, 213, 1198-1207.	4.0	14
50	Dexamethasone improves therapeutic outcomes in a preclinical bacterial epididymitis mouse model. <i>Human Reproduction</i> , 2019, 34, 1195-1205.	0.9	14
51	Desialylation of Spermatozoa and Epithelial Cell Glycocalyx Is a Consequence of Bacterial Infection of the Epididymis. <i>Journal of Biological Chemistry</i> , 2016, 291, 17717-17726.	3.4	13
52	A new threat on the horizon – Zika virus and male fertility. <i>Nature Reviews Urology</i> , 2017, 14, 135-136.	3.8	11
53	Macrophage migration inhibitory factor does not modulate co-activation of androgen receptor by Jab1/CSN5. <i>Molecular and Cellular Biochemistry</i> , 2007, 307, 265-271.	3.1	10
54	Corticosterone Enhances the AMPK-Mediated Immunosuppressive Phenotype of Testicular Macrophages During Uropathogenic <i>Escherichia coli</i> Induced Orchitis. <i>Frontiers in Immunology</i> , 2020, 11, 583276.	4.8	10

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55	Autoantibodies against protein disulfide isomerase ER-60 are a diagnostic marker for low-grade testicular inflammation. <i>Human Reproduction</i> , 2014, 29, 2382-2392.	0.9	7
56	Activin over-expression in the testis of mice lacking the inhibin $\beta$ -subunit gene is associated with androgen deficiency and regression of the male reproductive tract. <i>Molecular and Cellular Endocrinology</i> , 2018, 470, 188-198.	3.2	6
57	Macrophage migration inhibitory factor suppresses transforming growth factor- $\beta$ 2 secretion in cultured rat testicular peritubular cells. <i>Reproduction, Fertility and Development</i> , 2005, 17, 435.	0.4	6
58	Uropathogenic <i>Escherichia coli</i> Virulence Factor $\beta$ -Hemolysin Reduces Histone Acetylation to Inhibit Expression of Proinflammatory Cytokine Genes. <i>Journal of Infectious Diseases</i> , 2021, 223, 1040-1051.	4.0	4
59	Targeted disruption of galectin 3 in mice delays the first wave of spermatogenesis and increases germ cell apoptosis. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 3621-3635.	5.4	2
60	Examination of testicular lumicrine regulation of activins and immunoregulatory genes in the epididymal caput. <i>Andrology</i> , 2022, 10, 190-201.	3.5	2
61	WITHDRAWN; Impaired spermatogenesis in mice overexpressing stem cell protein Piwil2 (Mili). <i>Molecular Reproduction and Development</i> , 2010, 77, .	2.0	1
62	Extracellular MIF, but not its homologue D-DT, promotes fibroblast motility independent of its receptor CD74/CD44. <i>Journal of Cell Science</i> , 2021, 134, .	2.0	1
63	Regulation of macrophage number and gene transcript levels by activin A and its binding protein, follistatin, in the testes of adult mice. <i>Journal of Reproductive Immunology</i> , 2022, 151, 103618.	1.9	0