

S Ansar Ahmed

List of Publications by Year in descending order

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73
papers

5,692
citations

126907

33
h-index

102487

66
g-index

73
all docs

73
docs citations

73
times ranked

7120
citing authors

#	ARTICLE	IF	CITATIONS
1	A new rapid and simple non-radioactive assay to monitor and determine the proliferation of lymphocytes: an alternative to [³ H]thymidine incorporation assay. <i>Journal of Immunological Methods</i> , 1994, 170, 211-224.	1.4	1,199
2	Sex hormones, immune responses, and autoimmune diseases. Mechanisms of sex hormone action. <i>American Journal of Pathology</i> , 1985, 121, 531-51.	3.8	623
3	MicroRNA, a new paradigm for understanding immunoregulation, inflammation, and autoimmune diseases. <i>Translational Research</i> , 2011, 157, 163-179.	5.0	379
4	The Immune System Is a Natural Target for Estrogen Action: Opposing Effects of Estrogen in Two Prototypical Autoimmune Diseases. <i>Frontiers in Immunology</i> , 2015, 6, 635.	4.8	313
5	Control of lupus nephritis by changes of gut microbiota. <i>Microbiome</i> , 2017, 5, 73.	11.1	245
6	Gut Microbiota in Human Systemic Lupus Erythematosus and a Mouse Model of Lupus. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	3.1	223
7	Suppression of LPS-induced Interferon- \hat{I}^3 and nitric oxide in splenic lymphocytes by select estrogen-regulated microRNAs: a novel mechanism of immune modulation. <i>Blood</i> , 2008, 112, 4591-4597.	1.4	185
8	Identification of a Common Lupus Disease-Associated microRNA Expression Pattern in Three Different Murine Models of Lupus. <i>PLoS ONE</i> , 2010, 5, e14302.	2.5	155
9	Estrogen regulation of nitric oxide and inducible nitric oxide synthase (iNOS) in immune cells: Implications for immunity, autoimmune diseases, and apoptosis. <i>Nitric Oxide - Biology and Chemistry</i> , 2006, 15, 177-186.	2.7	140
10	Interferon- \hat{I}^3 levels are upregulated by 17- \hat{I}^2 -estradiol and diethylstilbestrol. <i>Journal of Reproductive Immunology</i> , 2001, 52, 113-127.	1.9	136
11	Sex hormones and the immune systemâ€™part 2. Animal data. <i>Bailliere's Clinical Rheumatology</i> , 1990, 4, 13-31.	1.0	127
12	Effects of short-term administration of sex hormones on normal and autoimmune mice. <i>Journal of Immunology</i> , 1985, 134, 204-10.	0.8	114
13	EFFECTS OF LONG-TERM ESTROGEN TREATMENT ON IFN- \hat{I}^3 , IL-2 AND IL-4 GENE EXPRESSION AND PROTEIN SYNTHESIS IN SPLEEN AND THYMUS OF NORMAL C57BL/6 MICE. <i>Cytokine</i> , 2001, 14, 208-217.	3.2	112
14	Sexual dimorphism of miRNA expression: a new perspective in understanding the sex bias of autoimmune diseases. <i>Therapeutics and Clinical Risk Management</i> , 2014, 10, 151.	2.0	93
15	Antibiotics ameliorate lupus-like symptoms in mice. <i>Scientific Reports</i> , 2017, 7, 13675.	3.3	93
16	A dye-based lymphocyte proliferation assay that permits multiple immunological analyses: mRNA, cytogenetic, apoptosis, and immunophenotyping studies. <i>Journal of Immunological Methods</i> , 1997, 210, 25-39.	1.4	85
17	Estrogen induces normal murine CD5+ B cells to produce autoantibodies. <i>Journal of Immunology</i> , 1989, 142, 2647-53.	0.8	83
18	Analysis of Avian Lymphocyte Proliferation by a New, Simple, Nonradioactive Assay (Lympho-Pro). <i>Avian Diseases</i> , 1997, 41, 714.	1.0	74

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19	Estrogen Up-Regulates Inducible Nitric Oxide Synthase, Nitric Oxide, and Cyclooxygenase-2 in Splenocytes Activated with T Cell Stimulants: Role of Interferon- \hat{I}^3 . <i>Endocrinology</i> , 2006, 147, 662-671.	2.8	71
20	Characterization of Estrogen-Induced Autoantibodies to Cardiolipin in Non-Autoimmune Mice. <i>Journal of Autoimmunity</i> , 1997, 10, 115-125.	6.5	65
21	IFN- \hat{I}^3 -inducing transcription factor, T-bet is upregulated by estrogen in murine splenocytes: Role of IL-27 but not IL-12. <i>Molecular Immunology</i> , 2007, 44, 1808-1814.	2.2	65
22	Estrogen Regulates Transcription Factors STAT-1 and NF- \hat{I}^B to Promote Inducible Nitric Oxide Synthase and Inflammatory Responses. <i>Journal of Immunology</i> , 2009, 183, 6998-7005.	0.8	64
23	Despite Inhibition of Nuclear Localization of NF- \hat{I}^B p65, c-Rel, and RelB, 17- \hat{I}^2 Estradiol Up-Regulates NF- \hat{I}^B Signaling in Mouse Splenocytes: The Potential Role of Bcl-3. <i>Journal of Immunology</i> , 2007, 179, 1776-1783.	0.8	58
24	Comparison of multiple assays for kinetic detection of apoptosis in thymocytes exposed to dexamethasone or diethylstilbesterol. <i>Cytometry</i> , 1999, 35, 80-90.	1.8	56
25	Our Environment Shapes Us: The Importance of Environment and Sex Differences in Regulation of Autoantibody Production. <i>Frontiers in Immunology</i> , 2018, 9, 478.	4.8	54
26	Regulation of IL-17 in autoimmune diseases by transcriptional factors and microRNAs. <i>Frontiers in Genetics</i> , 2015, 6, 236.	2.3	46
27	Paradoxical Effects of All-Trans-Retinoic Acid on Lupus-Like Disease in the MRL/lpr Mouse Model. <i>PLoS ONE</i> , 2015, 10, e0118176.	2.5	42
28	Beneficial effect of testosterone in the treatment of chronic autoimmune thyroiditis in rats. <i>Journal of Immunology</i> , 1986, 136, 143-7.	0.8	42
29	Impact of Different Cell Isolation Techniques on Lymphocyte Viability and Function. <i>Journal of Immunoassay and Immunochemistry</i> , 2006, 27, 61-76.	1.1	41
30	Interferon regulatory factor-1 gene deletion decreases glomerulonephritis in MRL/lpr mice. <i>European Journal of Immunology</i> , 2006, 36, 1296-1308.	2.9	40
31	Estrogen selectively regulates chemokines in murine splenocytes. <i>Journal of Leukocyte Biology</i> , 2007, 81, 1065-1074.	3.3	37
32	The immune system of geriatric mice is modulated by estrogenic endocrine disruptors (diethylstilbestrol, \hat{I}^z -zearalanol, and genistein): Effects on interferon- \hat{I}^3 . <i>Toxicology</i> , 2003, 194, 115-128.	4.2	36
33	Gender and Risk of Autoimmune Diseases: Possible Role of Estrogenic Compounds. <i>Environmental Health Perspectives</i> , 1999, 107, 681.	6.0	34
34	The Upregulation of Genomic Imprinted DLK1-Dio3 miRNAs in Murine Lupus Is Associated with Global DNA Hypomethylation. <i>PLoS ONE</i> , 2016, 11, e0153509.	2.5	34
35	Sex differences and estrogen regulation of miRNAs in lupus, a prototypical autoimmune disease. <i>Cellular Immunology</i> , 2015, 294, 70-79.	3.0	33
36	Sex Hormones and Autoimmune Rheumatic Disorders. <i>Scandinavian Journal of Rheumatology</i> , 1989, 18, 69-76.	1.1	31

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37	Commercial rodent diets differentially regulate autoimmune glomerulonephritis, epigenetics and microbiota in MRL/lpr mice. <i>International Immunology</i> , 2017, 29, 263-276.	4.0	30
38	Differential effects of dexamethasone on the thymus and spleen: alterations in programmed cell death, lymphocyte subsets and activation of T cells. <i>Immunopharmacology</i> , 1994, 28, 55-66.	2.0	28
39	The effects of female sex steroids on the development of autoimmune thyroiditis in thymectomized and irradiated rats. <i>Clinical and Experimental Immunology</i> , 1983, 54, 351-8.	2.6	28
40	Neutrophils and neutrophil serine proteases are increased in the spleens of estrogen-treated C57BL/6 mice and several strains of spontaneous lupus-prone mice. <i>PLoS ONE</i> , 2017, 12, e0172105.	2.5	26
41	Immunomodulation by diethylstilbestrol is dose and gender related: effects on thymocyte apoptosis and mitogen-induced proliferation. <i>Toxicology</i> , 2002, 178, 101-118.	4.2	24
42	Diethylstilbestrol exposure during fetal development affects thymus: studies in fourteen-month-old mice. <i>Journal of Reproductive Immunology</i> , 2004, 64, 75-90.	1.9	24
43	Estrogen and Signaling in the Cells of Immune System. <i>Advances in Neuroimmune Biology</i> , 2012, 3, 73-93.	0.7	24
44	Epigenetic Regulation of Non-Lymphoid Cells by Bisphenol A, a Model Endocrine Disrupter: Potential Implications for Immunoregulation. <i>Frontiers in Endocrinology</i> , 2015, 6, 91.	3.5	24
45	Pathological changes in inbred strains of mice following early thymectomy and irradiation. <i>Experientia</i> , 1981, 37, 1341-1343.	1.2	23
46	Immunologic analysis of blood samples obtained from horses and stored for twenty-four hours. <i>American Journal of Veterinary Research</i> , 2003, 64, 1003-1009.	0.6	21
47	Signal Transducer and Activation of Transcription (STAT) 4 ^{Δ2} , a Shorter Isoform of Interleukin-12-Induced STAT4, Is Preferentially Activated by Estrogen. <i>Endocrinology</i> , 2009, 150, 1310-1320.	2.8	18
48	Effects of Sex Steroids on Innate and Adaptive Immunity. , 2010, , 19-51.		18
49	Cutting Edge: Plasmacytoid Dendritic Cells in Late-Stage Lupus Mice Defective in Producing IFN- γ . <i>Journal of Immunology</i> , 2015, 195, 4578-4582.	0.8	18
50	Altered Natural Killer and Natural Cytotoxic Cellular Activities in lpr Mice. <i>Scandinavian Journal of Immunology</i> , 1986, 23, 415-423.	2.7	16
51	Immunologic studies of a horse with lymphosarcoma. <i>Veterinary Immunology and Immunopathology</i> , 1993, 38, 229-239.	1.2	15
52	Hormonal Approaches to Immunotherapy of Autoimmune Disease. <i>Annals of the New York Academy of Sciences</i> , 1986, 475, 320-328.	3.8	14
53	CD5 B Cells in Autoimmunity. <i>Annals of the New York Academy of Sciences</i> , 1992, 651, 551-556.	3.8	13
54	Mice lacking the gene for inducible or endothelial nitric oxide are resistant to sporocyst induced <i>Sarcocystis neurona</i> infections. <i>Veterinary Parasitology</i> , 2002, 103, 315-321.	1.8	13

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55	17 β -Estradiol and 17 α -Ethinyl Estradiol Exhibit Immunologic and Epigenetic Regulatory Effects in NZB/WF1 Female Mice. <i>Endocrinology</i> , 2019, 160, 101-118.	2.8	13
56	Epigenetic Contribution and Genomic Imprinting Dlk1-Dio3 miRNAs in Systemic Lupus Erythematosus. <i>Genes</i> , 2021, 12, 680.	2.4	11
57	Low-dose 17 α -ethinyl estradiol (EE) exposure exacerbates lupus renal disease and modulates immune responses to TLR7/9 agonists in genetically autoimmune-prone mice. <i>Scientific Reports</i> , 2020, 10, 5210.	3.3	10
58	Short-Term Administration of 17 β -Estradiol to Outbred Male CD-1 Mice Induces Changes in the Immune System, but Not in Reproductive Organs. <i>Immunological Investigations</i> , 2005, 34, 1-26.	2.0	8
59	Short-Term Administration of 17 β -Estradiol to Outbred Male CD-1 Mice Induces Changes in the Immune System, but Not in Reproductive Organs. <i>Immunological Investigations</i> , 2005, 34, 1-26.	2.0	8
60	Characterization of basal and lipopolysaccharide-induced microRNA expression in equine peripheral blood mononuclear cells using Next-Generation Sequencing. <i>PLoS ONE</i> , 2017, 12, e0177664.	2.5	7
61	The survival value of nonclassic target sites for sex hormone action in the immune and central nervous systems. <i>Clinical Immunology Newsletter</i> , 1985, 6, 97-99.	0.1	5
62	EGR2 is elevated and positively regulates inflammatory IFN γ production in lupus CD4+ T cells. <i>BMC Immunology</i> , 2020, 21, 41.	2.2	5
63	Phenotypic Drift in Lupus-Prone MRL/lpr Mice: Potential Roles of MicroRNAs and Gut Microbiota. <i>ImmunoHorizons</i> , 2022, 6, 36-46.	1.8	4
64	Serine protease inhibitor, 4-(2-aminoethyl)-benzene sulfonyl fluoride, impairs IL-12-induced activation of pSTAT4 β , NF κ B, and select pro-inflammatory mediators from estrogen-treated mice. <i>Immunobiology</i> , 2011, 216, 1264-1273.	1.9	3
65	Deletion of microRNA-183-96-182 Cluster in Lymphocytes Suppresses Anti-DsDNA Autoantibody Production and IgG Deposition in the Kidneys in C57BL/6-Fas ^{lpr} /lpr Mice. <i>Frontiers in Genetics</i> , 0, 13, .	2.3	3
66	Altered Splenocyte Function in Aged C57BL/6 Mice Prenatally Exposed to Diethylstilbestrol. <i>Journal of Immunotoxicology</i> , 2005, 2, 221-229.	1.7	2
67	Development of a Storage-Compatible Microtiter Plate-Based Technique for Lymphocyte Proliferation. <i>Journal of Immunoassay and Immunochemistry</i> , 2008, 29, 128-142.	1.1	2
68	Effects of Sex Hormones on Immune Responses and Autoimmune Diseases: An Update. , 1999, , 333-337.		2
69	Estrogen, Interferon-gamma, and Lupus. , 2005, , 181-196.		1
70	Subacute oral administration of low dose 17 β -estradiol or 17 α -ethinyl estradiol does not markedly alter the immune system of young adult and aged C57BL/6 mice. <i>Toxicological and Environmental Chemistry</i> , 2008, 90, 421-435.	1.2	1
71	MicroRNA, an Important Epigenetic Regulator of Immunity and Autoimmunity. , 2017, , 223-258.		1
72	EGR2 Deletion Suppresses Anti-DsDNA Autoantibody and IL-17 Production in Autoimmune-Prone B6/lpr Mice: A Differential Immune Regulatory Role of EGR2 in B6/lpr Versus Normal B6 Mice. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	1

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73	Perinatal Immunotoxicant Exposure and Autoimmune Disease. , 2004, , 215-227.		0