

# Ahmed Nadeem

## List of Publications by Year in descending order

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162  
papers

5,260  
citations

66234

42  
h-index

128067

60  
g-index

164  
all docs

164  
docs citations

164  
times ranked

5349  
citing authors

#	ARTICLE	IF	CITATIONS
1	Increased oxidative stress and altered levels of antioxidants in asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2003, 111, 72-78.	1.5	276
2	Reversal of Oxidative Stress-Induced Anxiety by Inhibition of Phosphodiesterase-2 in Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 326, 369-379.	1.3	193
3	Review: Oxidant-antioxidant imbalance in asthma: scientific evidence, epidemiological data and possible therapeutic options. <i>Therapeutic Advances in Respiratory Disease</i> , 2008, 2, 215-235.	1.0	119
4	IL-17A causes depression-like symptoms via NF- $\kappa$ B and p38MAPK signaling pathways in mice: Implications for psoriasis associated depression. <i>Cytokine</i> , 2017, 97, 14-24.	1.4	114
5	Increased Oxidative Stress and Altered Levels of Antioxidants in Chronic Obstructive Pulmonary Disease. <i>Inflammation</i> , 2005, 29, 23-32.	1.7	107
6	Dysregulation of Th1, Th2, Th17, and T regulatory cell-related transcription factor signaling in children with autism. <i>Molecular Neurobiology</i> , 2017, 54, 4390-4400.	1.9	107
7	Imiquimod-induced psoriasis-like skin inflammation is suppressed by BET bromodomain inhibitor in mice through RORC/IL-17A pathway modulation. <i>Pharmacological Research</i> , 2015, 99, 248-257.	3.1	98
8	Effect of a Specific and Selective A2B Adenosine Receptor Antagonist on Adenosine Agonist AMP and Allergen-Induced Airway Responsiveness and Cellular Influx in a Mouse Model of Asthma. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 320, 1246-1251.	1.3	94
9	Regulation of TNF- $\alpha$ and NF- $\kappa$ B activation through the JAK/STAT signaling pathway downstream of histamine 4 receptor in a rat model of LPS-induced joint inflammation. <i>Immunobiology</i> , 2015, 220, 889-898.	0.8	89
10	Mucosal Allergic Sensitization to Cockroach Allergens Is Dependent on Proteinase Activity and Proteinase-Activated Receptor-2 Activation. <i>Journal of Immunology</i> , 2011, 186, 3164-3172.	0.4	87
11	Airway and systemic oxidant-antioxidant dysregulation in asthma: A possible scenario of oxidants spill over from lung into blood. <i>Pulmonary Pharmacology and Therapeutics</i> , 2014, 29, 31-40.	1.1	85
12	Resveratrol Ameliorates Dysregulation of Th1, Th2, Th17, and T Regulatory Cell-Related Transcription Factor Signaling in a BTBR T <sup>A</sup> /Atf/J Mouse Model of Autism. <i>Molecular Neurobiology</i> , 2017, 54, 5201-5212.	1.9	74
13	Toll-like receptor 4 signaling is associated with upregulated NADPH oxidase expression in peripheral T cells of children with autism. <i>Brain, Behavior, and Immunity</i> , 2017, 61, 146-154.	2.0	73
14	CXCR3 antagonist AMG487 suppresses rheumatoid arthritis pathogenesis and progression by shifting the Th17/Treg cell balance. <i>Cellular Signalling</i> , 2019, 64, 109395.	1.7	67
15	Protective effects of phosphodiesterase 2 inhibitor on depression- and anxiety-like behaviors: Involvement of antioxidant and anti-apoptotic mechanisms. <i>Behavioural Brain Research</i> , 2014, 268, 150-158.	1.2	66
16	Short chain fatty acid, acetate ameliorates sepsis-induced acute kidney injury by inhibition of NADPH oxidase signaling in T cells. <i>International Immunopharmacology</i> , 2018, 58, 24-31.	1.7	65
17	Activation of IL-17 receptor leads to increased oxidative inflammation in peripheral monocytes of autistic children. <i>Brain, Behavior, and Immunity</i> , 2018, 67, 335-344.	2.0	65
18	Increased Oxidative Stress in Acute Exacerbations of Asthma. <i>Journal of Asthma</i> , 2005, 42, 45-50.	0.9	63

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19	Nrf2 activator, sulforaphane ameliorates autism-like symptoms through suppression of Th17 related signaling and rectification of oxidant-antioxidant imbalance in periphery and brain of BTBR T+tf/J mice. Behavioural Brain Research, 2019, 364, 213-224.	1.2	62
20	Evidence for the involvement of nitric oxide in A2B receptor-mediated vasorelaxation of mouse aorta. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 292, H719-H725.	1.5	61
21	Carbon tetrachloride-induced hepatotoxicity in rat is reversed by treatment with riboflavin. International Immunopharmacology, 2014, 21, 383-388.	1.7	60
22	Adenosine Receptors and Asthma. Handbook of Experimental Pharmacology, 2009, , 329-362.	0.9	55
23	A Novel A1 Adenosine Receptor Antagonist, L-97-1 [3-[2-(4-Aminophenyl)-ethyl]-8-benzyl-7-{2-ethyl-(2-hydroxy-ethyl)-amino}-ethyl]-1-propyl-3,7-dihydro-purine-2,6-dione], Reduces Allergic Responses to House Dust Mite in an Allergic Rabbit Model of Asthma. Journal of Pharmacology and Experimental Therapeutics, 2005, 315, 329-336.	1.3	53
24	Adenosine A2A receptor modulates neuroimmune function through Th17/retinoid-related orphan receptor gamma t (ROR $\gamma$ t) signaling in a BTBR T + Itpr3 tf /J mouse model of autism. Cellular Signalling, 2017, 36, 14-24.	1.7	53
25	STA-21, a STAT-3 inhibitor, attenuates the development and progression of inflammation in collagen antibody-induced arthritis. Immunobiology, 2017, 222, 206-217.	0.8	53
26	Enhanced airway reactivity and inflammation in A2A adenosine receptor-deficient allergic mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2007, 292, L1335-L1344.	1.3	52
27	GPR43 activation enhances psoriasis-like inflammation through epidermal upregulation of IL-6 and dual oxidase 2 signaling in a murine model. Cellular Signalling, 2017, 33, 59-68.	1.7	52
28	Resveratrol attenuates pro-inflammatory cytokines and activation of JAK1-STAT3 in BTBR T + Itpr3 tf /J autistic mice. European Journal of Pharmacology, 2018, 829, 70-78.	1.7	52
29	Insight into the Loading and Release Properties of an Exfoliated Kaolinite/Cellulose Fiber (EXK/CF) Composite as a Carrier for Oxaliplatin Drug: Cytotoxicity and Release Kinetics. ACS Omega, 2020, 5, 19165-19173.	1.6	52
30	Liposomal recombinant ribosomal L7/L12 protein protects BALB/c mice against Brucella abortus 544 infection. Vaccine, 2007, 25, 3692-3704.	1.7	51
31	Functional inhibition of PAR <sub>2</sub> alleviates allergen-induced airway hyperresponsiveness and inflammation. Clinical and Experimental Allergy, 2015, 45, 1844-1855.	1.4	51
32	Upregulation of IL-9 and JAK-STAT signaling pathway in children with autism. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2017, 79, 472-480.	2.5	51
33	Increased oxidative stress in the cerebellum and peripheral immune cells leads to exaggerated autism-like repetitive behavior due to deficiency of antioxidant response in BTBR T+tf/J mice. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2019, 89, 245-253.	2.5	50
34	Involvement of COX-1 in A3 adenosine receptor-mediated contraction through endothelium in mice aorta. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 293, H3448-H3455.	1.5	47
35	The tyrosine kinase inhibitor tyrphostin AG126 reduces activation of inflammatory cells and increases Foxp3+ regulatory T cells during pathogenesis of rheumatoid arthritis. Molecular Immunology, 2016, 78, 65-78.	1.0	47
36	Differential regulation of Nrf2 is linked to elevated inflammation and oxidative stress in monocytes of children with autism. Psychoneuroendocrinology, 2020, 113, 104554.	1.3	47

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37	Therapeutic treatment with Ibrutinib attenuates imiquimod-induced psoriasis-like inflammation in mice through downregulation of oxidative and inflammatory mediators in neutrophils and dendritic cells. <i>European Journal of Pharmacology</i> , 2020, 877, 173088.	1.7	47
38	Proteinase activated receptor $\alpha$ 2 $\beta$ -mediated dual oxidase $\alpha$ 2 up $\beta$ regulation is involved in enhanced airway reactivity and inflammation in a mouse model of allergic asthma. <i>Immunology</i> , 2015, 145, 391-403.	2.0	46
39	Imbalance between the anti- and pro-inflammatory milieu in blood leukocytes of autistic children. <i>Molecular Immunology</i> , 2017, 82, 57-65.	1.0	46
40	Amelioration of sepsis-induced acute kidney injury through inhibition of inflammatory cytokines and oxidative stress in dendritic cells and neutrophils respectively in mice: Role of spleen tyrosine kinase signaling. <i>Biochimie</i> , 2019, 158, 102-110.	1.3	46
41	Oxidative and inflammatory mediators are upregulated in neutrophils of autistic children: Role of IL-17A receptor signaling. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 90, 204-211.	2.5	46
42	Resveratrol treatment attenuates chemokine receptor expression in the BTBR T + tf/J mouse model of autism. <i>Molecular and Cellular Neurosciences</i> , 2016, 77, 1-10.	1.0	45
43	Psoriatic inflammation enhances allergic airway inflammation through IL-23/STAT3 signaling in a murine model. <i>Biochemical Pharmacology</i> , 2017, 124, 69-82.	2.0	45
44	Dysregulation in IL-6 receptors is associated with upregulated IL-17A related signaling in CD4+ T cells of children with autism. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 97, 109783.	2.5	44
45	Bruton's tyrosine kinase inhibitor suppresses imiquimod-induced psoriasis-like inflammation in mice through regulation of IL-23/IL-17A in innate immune cells. <i>International Immunopharmacology</i> , 2020, 80, 106215.	1.7	44
46	Resveratrol Improves Neuroimmune Dysregulation Through the Inhibition of Neuronal Toll-Like Receptors and COX-2 Signaling in BTBR T+ Itpr3tf/J Mice. <i>NeuroMolecular Medicine</i> , 2018, 20, 133-146.	1.8	43
47	A1 adenosine receptor-mediated PKC and p42/p44 MAPK signaling in mouse coronary artery smooth muscle cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 297, H1032-H1039.	1.5	42
48	TLR-7 agonist attenuates airway reactivity and inflammation through Nrf2-mediated antioxidant protection in a murine model of allergic asthma. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 73, 53-62.	1.2	41
49	Non PC liposome entrapped promastigote antigens elicit parasite specific CD8+ and CD4+ T-cell immune response and protect hamsters against visceral leishmaniasis. <i>Vaccine</i> , 2006, 24, 1800-1810.	1.7	38
50	Toll-like receptors, NF- $\kappa$ B, and IL-27 mediate adenosine A2A receptor signaling in BTBR T + Itpr3 tf /J mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017, 79, 184-191.	2.5	38
51	Blockade of interleukin-2-inducible T-cell kinase signaling attenuates acute lung injury in mice through adjustment of pulmonary Th17/Treg immune responses and reduction of oxidative stress. <i>International Immunopharmacology</i> , 2020, 83, 106369.	1.7	38
52	Glucose-6-phosphate dehydrogenase inhibition attenuates acute lung injury through reduction in NADPH oxidase-derived reactive oxygen species. <i>Clinical and Experimental Immunology</i> , 2018, 191, 279-287.	1.1	36
53	CXC chemokine receptor 3 antagonist AMG487 shows potent anti-arthritis effects on collagen-induced arthritis by modifying B cell inflammatory profile. <i>Immunology Letters</i> , 2020, 225, 74-81.	1.1	36
54	Oxidative airway inflammation leads to systemic and vascular oxidative stress in a murine model of allergic asthma. <i>International Immunopharmacology</i> , 2015, 26, 237-245.	1.7	35

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55	Systemic inflammation in asocial BTBR T + tf/J mice predisposes them to increased psoriatic inflammation. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 83, 8-17.	2.5	35
56	Dysregulated enzymatic antioxidant network in peripheral neutrophils and monocytes in children with autism. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 88, 352-359.	2.5	35
57	Inhibition of spleen tyrosine kinase attenuates psoriasis-like inflammation in mice through blockade of dendritic cell-Th17 inflammation axis. <i>Biomedicine and Pharmacotherapy</i> , 2019, 111, 347-358.	2.5	35
58	Plasticizer, di(2-ethylhexyl)phthalate (DEHP) enhances cockroach allergen extract-driven airway inflammation by enhancing pulmonary Th2 as well as Th17 immune responses in mice. <i>Environmental Research</i> , 2018, 164, 327-339.	3.7	34
59	Psoriasis-like inflammation leads to renal dysfunction via upregulation of NADPH oxidases and inducible nitric oxide synthase. <i>International Immunopharmacology</i> , 2017, 46, 1-8.	1.7	33
60	Activation of adenosine A2A receptor signaling regulates the expression of cytokines associated with immunologic dysfunction in BTBR T + Itpr3 tf/J mice. <i>Molecular and Cellular Neurosciences</i> , 2017, 82, 76-87.	1.0	32
61	Inhibition of interleukin-2-inducible T-cell kinase causes reduction in imiquimod-induced psoriasiform inflammation through reduction of Th17 cells and enhancement of Treg cells in mice. <i>Biochimie</i> , 2020, 179, 146-156.	1.3	32
62	Psoriatic inflammation causes hepatic inflammation with concomitant dysregulation in hepatic metabolism via IL-17A/IL-17 receptor signaling in a murine model. <i>Immunobiology</i> , 2017, 222, 128-136.	0.8	31
63	Chemokine Receptor 5 Antagonism Causes Reduction in Joint Inflammation in a Collagen-Induced Arthritis Mouse Model. <i>Molecules</i> , 2021, 26, 1839.	1.7	30
64	Adenosine A1 receptor antagonist versus montelukast on airway reactivity and inflammation. <i>European Journal of Pharmacology</i> , 2006, 551, 116-124.	1.7	29
65	Glutathione modulation during sensitization as well as challenge phase regulates airway reactivity and inflammation in mouse model of allergic asthma. <i>Biochimie</i> , 2014, 103, 61-70.	1.3	29
66	Bruton's tyrosine kinase inhibition attenuates oxidative stress in systemic immune cells and renal compartment during sepsis-induced acute kidney injury in mice. <i>International Immunopharmacology</i> , 2021, 90, 107123.	1.7	29
67	Aggravation of autism-like behavior in BTBR T+tf/J mice by environmental pollutant, di-(2-ethylhexyl) phthalate: Role of nuclear factor erythroid 2-related factor 2 and oxidative enzymes in innate immune cells and cerebellum. <i>International Immunopharmacology</i> , 2021, 91, 107323.	1.7	29
68	Histamine 4 receptor promotes expression of costimulatory B7.1/B7.2 molecules, CD28 signaling and cytokine production in stress-induced immune responses. <i>Journal of Neuroimmunology</i> , 2015, 289, 30-42.	1.1	27
69	IL-17A-induced neutrophilic airway inflammation is mediated by oxidant-antioxidant imbalance and inflammatory cytokines in mice. <i>Biomedicine and Pharmacotherapy</i> , 2018, 107, 1196-1204.	2.5	27
70	Sulforaphane treatment reverses corticosteroid resistance in a mixed granulocytic mouse model of asthma by upregulation of antioxidants and attenuation of Th17 immune responses in the airways. <i>European Journal of Pharmacology</i> , 2019, 855, 276-284.	1.7	27
71	Exposure to the plasticizer, Di-(2-ethylhexyl) phthalate during juvenile period exacerbates autism-like behavior in adult BTBR T <sup>A</sup> +Atf/J mice due to DNA hypomethylation and enhanced inflammation in brain and systemic immune cells. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 109, 110249.	2.5	27
72	Immobilization stress causes extra-cellular oxidant-antioxidant imbalance in rats: Restoration by L-NAME and vitamin E. <i>European Neuropsychopharmacology</i> , 2006, 16, 260-267.	0.3	26

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73	Insight into the role of integrated carbohydrate polymers (starch, chitosan, and $\beta$ -cyclodextrin) with mesoporous silica as carriers for ibuprofen drug; equilibrium and pharmacokinetic properties. <i>International Journal of Biological Macromolecules</i> , 2020, 156, 537-547.	3.6	26
74	Design and Synthesis of <i>N</i> -Arylphthalimides as Inhibitors of Glucocorticoid-Induced TNF Receptor-Related Protein, Proinflammatory Mediators, and Cytokines in Carrageenan-Induced Lung Inflammation. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 8850-8867.	2.9	25
75	The PPAR $\gamma$ agonist GW0742 restores neuroimmune function by regulating Tim-3 and Th17/Treg-related signaling in the BTBR autistic mouse model. <i>Neurochemistry International</i> , 2018, 120, 251-261.	1.9	25
76	Ubiquitous plasticizer, Di-(2-ethylhexyl) phthalate enhances existing inflammatory profile in monocytes of children with autism. <i>Toxicology</i> , 2020, 446, 152597.	2.0	25
77	Pharmacological Inhibition of STAT3 by Stattic Ameliorates Clinical Symptoms and Reduces Autoinflammation in Myeloid, Lymphoid, and Neuronal Tissue Compartments in Relapsing-Remitting Model of Experimental Autoimmune Encephalomyelitis in SJL/J Mice. <i>Pharmaceutics</i> , 2021, 13, 925.	2.0	25
78	Imbalance in pro-inflammatory and anti-inflammatory cytokines milieu in B cells of children with autism. <i>Molecular Immunology</i> , 2022, 141, 297-304.	1.0	25
79	Riboflavin attenuates lipopolysaccharide-induced lung injury in rats. <i>Toxicology Mechanisms and Methods</i> , 2015, 25, 417-423.	1.3	24
80	$\beta$ -1,3-Glucan reverses aflatoxin B1-mediated suppression of immune responses in mice. <i>Life Sciences</i> , 2016, 152, 1-13.	2.0	24
81	Upregulation of peripheral CXC and CC chemokine receptor expression on CD4 + T cells is associated with immune dysregulation in children with autism. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 81, 211-220.	2.5	24
82	CXCR3 antagonist AMG487 inhibits glucocorticoid-induced tumor necrosis factor-receptor-related protein and inflammatory mediators in CD45 expressing cells in collagen-induced arthritis mouse model. <i>International Immunopharmacology</i> , 2020, 84, 106494.	1.7	23
83	Involvement of A <sub>2A</sub> adenosine receptors in altered vascular responses and inflammation in an allergic mouse model of asthma. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010, 299, H81-H87.	1.5	22
84	Airway oxidative stress causes vascular and hepatic inflammation via upregulation of IL-17A in a murine model of allergic asthma. <i>International Immunopharmacology</i> , 2016, 34, 173-182.	1.7	22
85	Inhibition of BET bromodomains restores corticosteroid responsiveness in a mixed granulocytic mouse model of asthma. <i>Biochemical Pharmacology</i> , 2018, 154, 222-233.	2.0	22
86	Inhibition of spleen tyrosine kinase signaling protects against acute lung injury through blockade of NADPH oxidase and IL-17A in neutrophils and $\beta$ T cells respectively in mice. <i>International Immunopharmacology</i> , 2019, 68, 39-47.	1.7	22
87	Instantaneous Adsorption of Synthetic Dyes from an Aqueous Environment Using Kaolinite Nanotubes: Equilibrium and Thermodynamic Studies. <i>ACS Omega</i> , 2021, 6, 845-856.	1.6	22
88	Acute lung injury leads to depression-like symptoms through upregulation of neutrophilic and neuronal NADPH oxidase signaling in a murine model. <i>International Immunopharmacology</i> , 2017, 47, 218-226.	1.7	21
89	Adenosine A <sub>2A</sub> receptor signaling affects IL-21/IL-22 cytokines and GATA3/T-bet transcription factor expression in CD4 + T cells from a BTBR T + Itpr3tf/J mouse model of autism. <i>Journal of Neuroimmunology</i> , 2017, 311, 59-67.	1.1	21
90	S3I-201, a selective Stat3 inhibitor, restores neuroimmune function through upregulation of Treg signaling in autistic BTBR T + Itpr3tf/J mice. <i>Cellular Signalling</i> , 2018, 52, 127-136.	1.7	21

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91	Protease activated receptor-2 mediated upregulation of IL-17 receptor signaling on airway epithelial cells is responsible for neutrophilic infiltration during acute exposure of house dust mite allergens in mice. <i>Chemico-Biological Interactions</i> , 2019, 304, 52-60.	1.7	21
92	5-aminoisoquinolinone attenuates social behavior deficits and immune abnormalities in the BTBR T+ ltrpr3tf/J mouse model for autism. <i>Pharmacology Biochemistry and Behavior</i> , 2020, 189, 172859.	1.3	21
93	Inhibition of Bruton's tyrosine kinase and IL-2 inducible T-cell kinase suppresses both neutrophilic and eosinophilic airway inflammation in a cockroach allergen extract-induced mixed granulocytic mouse model of asthma using preventative and therapeutic strategy. <i>Pharmacological Research</i> , 2019, 148, 104441.	3.1	20
94	Elevated expression of toll-like receptor 4 is associated with NADPH oxidase-induced oxidative stress in B cells of children with autism. <i>International Immunopharmacology</i> , 2020, 84, 106555.	1.7	20
95	Acute glutathione depletion leads to enhancement of airway reactivity and inflammation via p38MAPK-iNOS pathway in allergic mice. <i>International Immunopharmacology</i> , 2014, 22, 222-229.	1.7	19
96	Inhibition of tyrosine kinase signaling by tyrphostin AG126 downregulates the IL-21/IL-21R and JAK/STAT pathway in the BTBR mouse model of autism. <i>NeuroToxicology</i> , 2020, 77, 1-11.	1.4	19
97	Systemic TNF- $\alpha$ blockade attenuates anxiety and depressive-like behaviors in db/db mice through downregulation of inflammatory signaling in peripheral immune cells. <i>Saudi Pharmaceutical Journal</i> , 2020, 28, 621-629.	1.2	19
98	A <sub>2A</sub> Adenosine Receptor Deficiency Leads to Impaired Tracheal Relaxation via NADPH Oxidase Pathway in Allergic Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 330, 99-108.	1.3	18
99	Weekly Paclitaxel and Carboplatin Induction Chemotherapy Followed by Concurrent Chemoradiotherapy in Locally Advanced Squamous Cell Carcinoma of the Head and Neck. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2012, 35, 6-12.	0.6	18
100	Treatment with aliskiren ameliorates tacrolimus-induced nephrotoxicity in rats. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2015, 16, 1329-1336.	1.0	18
101	Genetic and epigenetic alterations induced by the small-molecule panobinostat: A mechanistic study at the chromosome and gene levels. <i>DNA Repair</i> , 2019, 78, 70-80.	1.3	18
102	Elevated IL-16 expression is associated with development of immune dysfunction in children with autism. <i>Psychopharmacology</i> , 2019, 236, 831-838.	1.5	18
103	Adenosine-mediated alteration of vascular reactivity and inflammation in a murine model of asthma. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 294, H2158-H2165.	1.5	17
104	Allergic sensitization enhances anion current responsiveness of murine trachea to PAR-2 activation. <i>Pflügers Archiv European Journal of Physiology</i> , 2012, 463, 497-509.	1.3	17
105	Cathepsin B inhibitor alleviates Th1, Th17, and Th22 transcription factor signaling dysregulation in experimental autoimmune encephalomyelitis. <i>Experimental Neurology</i> , 2022, 351, 113997.	2.0	17
106	Immune Alterations in CD8+ T Cells Are Associated with Neuronal C-C and C-X-C Chemokine Receptor Regulation Through Adenosine A <sub>2A</sub> Receptor Signaling in a BTBR T+ ltrpr3tf/J Autistic Mouse Model. <i>Molecular Neurobiology</i> , 2018, 55, 2603-2616.	1.9	16
107	Protection by tyrosine kinase inhibitor, tyrphostin AG126, through the suppression of IL-17A, ROR $\gamma$ t, and T-bet signaling, in the BTBR mouse model of autism. <i>Brain Research Bulletin</i> , 2018, 142, 328-337.	1.4	16
108	Methylmercury chloride exposure aggravates proinflammatory mediators and Notch-1 signaling in CD14+ and CD40+ cells and is associated with imbalance of neuroimmune function in BTBR T+ ltrpr3tf/J mice. <i>NeuroToxicology</i> , 2021, 82, 9-17.	1.4	16

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109	Involvement of CD45 cells in the development of autism spectrum disorder through dysregulation of granulocyte-macrophage colony-stimulating factor, key inflammatory cytokines, and transcription factors. <i>International Immunopharmacology</i> , 2020, 83, 106466.	1.7	15
110	Role of ITK signaling in acute kidney injury in mice: Amelioration of acute kidney injury associated clinical parameters and attenuation of inflammatory transcription factor signaling in CD4+ T cells by ITK inhibition. <i>International Immunopharmacology</i> , 2021, 99, 108028.	1.7	15
111	Escheriosome-mediated cytosolic delivery of PLK1-specific siRNA: potential in treatment of liver cancer in BALB/c mice. <i>Nanomedicine</i> , 2014, 9, 407-420.	1.7	14
112	The potent immunomodulatory compound VGX-1027 regulates inflammatory mediators in CD4+ T cells, which are concomitant with the prevention of neuroimmune dysregulation in BTBR T+ Itpr3tf/J mice. <i>Life Sciences</i> , 2019, 237, 116930.	2.0	14
113	Dysregulation of T cell immunoglobulin and mucin domain 3 (TIM-3) signaling in peripheral immune cells is associated with immune dysfunction in autistic children. <i>Molecular Immunology</i> , 2019, 106, 77-86.	1.0	14
114	5-Aminoisoquinolinone, a PARP-1 Inhibitor, Ameliorates Immune Abnormalities through Upregulation of Anti-Inflammatory and Downregulation of Inflammatory Parameters in T Cells of BTBR Mouse Model of Autism. <i>Brain Sciences</i> , 2021, 11, 249.	1.1	14
115	Liver Tumor Localization Based on YOLOv3 and 3D-Semantic Segmentation Using Deep Neural Networks. <i>Diagnostics</i> , 2022, 12, 823.	1.3	14
116	Acetyl-11-keto- $\beta$ -boswellic acid improves clinical symptoms through modulation of Nrf2 and NF- $\kappa$ B pathways in SJL/J mouse model of experimental autoimmune encephalomyelitis. <i>International Immunopharmacology</i> , 2022, 107, 108703.	1.7	13
117	Olmesartan Attenuates Tacrolimus-Induced Biochemical and Ultrastructural Changes in Rat Kidney Tissue. <i>BioMed Research International</i> , 2014, 2014, 1-7.	0.9	12
118	Dexrazoxane Averts Idarubicin-Evoked Genomic Damage by Regulating Gene Expression Profiling Associated With the DNA Damage-Signaling Pathway in BALB/c Mice. <i>Toxicological Sciences</i> , 2017, 160, 161-172.	1.4	12
119	The Stat3 inhibitor, S3I-201, downregulates lymphocyte activation markers, chemokine receptors, and inflammatory cytokines in the BTBR T+ Itpr3tf/J mouse model of autism. <i>Brain Research Bulletin</i> , 2019, 152, 27-34.	1.4	12
120	An Integrated Approach for Cancer Survival Prediction Using Data Mining Techniques. <i>Computational Intelligence and Neuroscience</i> , 2021, 2021, 1-14.	1.1	12
121	Lead (Pb) exposure exacerbates behavioral and immune abnormalities by upregulating Th17 and NF- $\kappa$ B-related signaling in BTBR T+ Itpr3tf/J autistic mouse model. <i>NeuroToxicology</i> , 2022, 91, 340-348.	1.4	12
122	Downregulation in Helios transcription factor signaling is associated with immune dysfunction in blood leukocytes of autistic children. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 85, 98-104.	2.5	11
123	DAPTA, a C-C chemokine receptor 5 (CCR5) antagonist attenuates immune aberrations by downregulating Th9/Th17 immune responses in BTBR T+ Itpr3tf/J mice. <i>European Journal of Pharmacology</i> , 2019, 846, 100-108.	1.7	11
124	Lck signaling inhibition causes improvement in clinical features of psoriatic inflammation through reduction in inflammatory cytokines in CD4+ T cells in imiquimod mouse model. <i>Cellular Immunology</i> , 2022, 376, 104531.	1.4	11
125	Adenosine receptor antagonists and asthma. <i>Drug Discovery Today: Therapeutic Strategies</i> , 2006, 3, 269-275.	0.5	10
126	Protection against tacrolimus-induced cardiotoxicity in rats by olmesartan and aliskiren. <i>Toxicology Mechanisms and Methods</i> , 2014, 24, 697-702.	1.3	10



#	ARTICLE	IF	CITATIONS
127	The histamine-4 receptor antagonist JNJ7777120 prevents immune abnormalities by inhibiting ROR $\gamma$ t/T-bet transcription factor signaling pathways in BTBR T+ Itpr3tf/J mice exposed to gamma rays. <i>Molecular Immunology</i> , 2019, 114, 561-570.	1.0	10
128	Evaluation of DNA repair efficiency in autistic children by molecular cytogenetic analysis and transcriptome profiling. <i>DNA Repair</i> , 2020, 85, 102750.	1.3	10
129	Upregulation of interleukin (IL)-31, a cytokine producing CXCR1 peripheral immune cells, contributes to the immune abnormalities of autism spectrum disorder. <i>Journal of Neuroimmunology</i> , 2020, 349, 577430.	1.1	10
130	Vorinostat is genotoxic and epigenotoxic in the mouse bone marrow cells at the human equivalent doses. <i>Toxicology</i> , 2020, 441, 152507.	2.0	10
131	CCR1 antagonist ameliorates experimental autoimmune encephalomyelitis by inhibition of Th9/Th22-related markers in the brain and periphery. <i>Molecular Immunology</i> , 2022, 144, 127-137.	1.0	10
132	Dysregulation of the expression of HLA-DR, costimulatory molecule, and chemokine receptors on immune cells in children with autism. <i>International Immunopharmacology</i> , 2018, 65, 360-365.	1.7	9
133	Investigation of belinostat-induced genomic instability by molecular cytogenetic analysis and pathway-focused gene expression profiling. <i>Toxicology and Applied Pharmacology</i> , 2018, 350, 43-51.	1.3	9
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135	Upregulation of enzymatic antioxidants in CD4+ T cells of autistic children. <i>Biochimie</i> , 2020, 171-172, 205-212.	1.3	9
136	Effect of vitamin E supplementation with standard treatment on oxidant-antioxidant status in chronic obstructive pulmonary disease. <i>Indian Journal of Medical Research</i> , 2008, 128, 705-11.	0.4	9
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140	Synthesis of exfoliate bentonite/cellulose nanocomposite as a delivery system for Oxaliplatin drug with enhanced loading and release properties; cytotoxicity and pharmacokinetic studies. <i>Chemical Physics Letters</i> , 2020, 755, 137818.	1.2	7
141	Dysregulation of Ki-67 Expression in T Cells of Children with Autism Spectrum Disorder. <i>Children</i> , 2021, 8, 116.	0.6	7
142	In Silico Tools for Analysis of Single-Nucleotide Polymorphisms in the Bovine Transferrin Gene. <i>Animals</i> , 2022, 12, 693.	1.0	7
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144	Thiol-Functionalized Cellulose-Grafted Copper Oxide Nanoparticles for the Therapy of Experimental Colitis in Swiss Albino Mice. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 2088-2095.	2.6	7

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146	Utility of Dexrazoxane for the Attenuation of Epirubicin-Induced Genetic Alterations in Mouse Germ Cells. <i>PLoS ONE</i> , 2016, 11, e0163703.	1.1	5
147	Discovery and evaluation of 1 H-pyrrolo[2,3- b ]pyridine based selective and reversible small molecule BTK inhibitors for the treatment of rheumatoid arthritis. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 1867-1873.	1.0	5
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