

Ahmed Nadeem

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154
papers

3,433
citations

31
h-index

49
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164
ext. papers

4,442
ext. citations

4.7
avg, IF

5.48
L-index

#	Paper	IF	Citations
154	Increased oxidative stress and altered levels of antioxidants in asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2003 , 111, 72-8	11.5	229
153	Reversal of oxidative stress-induced anxiety by inhibition of phosphodiesterase-2 in mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008 , 326, 369-79	4.7	168
152	Oxidant-antioxidant imbalance in asthma: scientific evidence, epidemiological data and possible therapeutic options. <i>Therapeutic Advances in Respiratory Disease</i> , 2008 , 2, 215-35	4.9	106
151	Increased oxidative stress and altered levels of antioxidants in chronic obstructive pulmonary disease. <i>Inflammation</i> , 2005 , 29, 23-32	5.1	91
150	Effect of a specific and selective A(2B) 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, 1246-51	4.7	86
149	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	6.2	77
148	Mucosal allergic sensitization to cockroach allergens is dependent on proteinase activity and proteinase-activated receptor-2 activation. <i>Journal of Immunology</i> , 2011 , 186, 3164-72	5.3	74
147	Regulation of TNF- α and NF- κ 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, 889-98	3.4	73
146	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	3.5	69
145	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, 248-57	10.2	67
144	IL-17A causes depression-like symptoms via NFB and p38MAPK signaling pathways in mice: Implications for psoriasis associated depression. <i>Cytokine</i> , 2017 , 97, 14-24	4	58
143	Resveratrol Ameliorates Dysregulation of Th1, Th2, Th17, and T Regulatory Cell-Related Transcription Factor Signaling in a BTBR T ⁺ /Itf/J Mouse Model of Autism. <i>Molecular Neurobiology</i> , 2017 , 54, 5201-5212	6.2	56
142	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	16.6	54
141	Evidence for the involvement of nitric oxide in A2B receptor-mediated vasorelaxation of mouse aorta. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007 , 292, H719-25	5.2	54
140	Increased oxidative stress in acute exacerbations of asthma. <i>Journal of Asthma</i> , 2005 , 42, 45-50	1.9	53
139	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	3.4	52
138	Enhanced airway reactivity and inflammation in A2A adenosine receptor-deficient allergic mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2007 , 292, L1335-44	5.8	49

137	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	16.6	47
136	Liposomised recombinant ribosomal L7/L12 protein protects BALB/c mice against <i>Brucella abortus</i> 544 infection. <i>Vaccine</i> , 2007 , 25, 3692-704	4.1	46
135	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. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005 , 315, 329-36	4.7	46
134	Involvement of COX-1 in A3 adenosine receptor-mediated contraction through endothelium in mice aorta. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007 , 293, H3448-55	5.2	44
133	Adenosine receptors and asthma. <i>Handbook of Experimental Pharmacology</i> , 2009 , 329-62	3.2	42
132	Imbalance between the anti- and pro-inflammatory milieu in blood leukocytes of autistic children. <i>Molecular Immunology</i> , 2017 , 82, 57-65	4.3	39
131	Carbon tetrachloride-induced hepatotoxicity in rat is reversed by treatment with riboflavin. <i>International Immunopharmacology</i> , 2014 , 21, 383-8	5.8	37
130	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. <i>Behavioural Brain Research</i> , 2019 , 364, 213-224	3.4	36
129	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	5.8	34
128	Proteinase activated receptor-2-mediated dual oxidase-2 up-regulation is involved in enhanced airway reactivity and inflammation in a mouse model of allergic asthma. <i>Immunology</i> , 2015 , 145, 391-403	7.8	34
127	A(1) 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, H1032-9	5.2	34
126	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, 1800-10	4.1	33
125	Adenosine A2A receptor modulates neuroimmune function through Th17/retinoid-related orphan receptor gamma t (ROR γ) signaling in a BTBR T Itpr3/J mouse model of autism. <i>Cellular Signalling</i> , 2017 , 36, 14-24	4.9	32
124	Functional inhibition of PAR2 alleviates allergen-induced airway hyperresponsiveness and inflammation. <i>Clinical and Experimental Allergy</i> , 2015 , 45, 1844-55	4.1	32
123	GPR43 activation enhances psoriasis-like inflammation through epidermal upregulation of IL-6 and dual oxidase 2 signaling in a murine model. <i>Cellular Signalling</i> , 2017 , 33, 59-68	4.9	31
122	Resveratrol attenuates pro-inflammatory cytokines and activation of JAK1-STAT3 in BTBR T Itpr3/J autistic mice. <i>European Journal of Pharmacology</i> , 2018 , 829, 70-78	5.3	31
121	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	5.6	31
120	STA-21, a STAT-3 inhibitor, attenuates the development and progression of inflammation in collagen antibody-induced arthritis. <i>Immunobiology</i> , 2017 , 222, 206-217	3.4	31

119	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	4.8	31
118	CXCR3 antagonist AMG487 suppresses rheumatoid arthritis pathogenesis and progression by shifting the Th17/Treg cell balance. <i>Cellular Signalling</i> , 2019 , 64, 109395	4.9	30
117	Upregulation of IL-9 and JAK-STAT signaling pathway in children with autism. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017 , 79, 472-480	5.5	30
116	Resveratrol Improves Neuroimmune Dysregulation Through the Inhibition of Neuronal Toll-Like Receptors and COX-2 Signaling in BTBR T Itpr3/J Mice. <i>NeuroMolecular Medicine</i> , 2018 , 20, 133-146	4.6	29
115	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	4.6	29
114	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	4.6	28
113	Psoriatic inflammation enhances allergic airway inflammation through IL-23/STAT3 signaling in a murine model. <i>Biochemical Pharmacology</i> , 2017 , 124, 69-82	6	27
112	Oxidative airway inflammation leads to systemic and vascular oxidative stress in a murine model of allergic asthma. <i>International Immunopharmacology</i> , 2015 , 26, 237-45	5.8	27
111	Adenosine A1 receptor antagonist versus montelukast on airway reactivity and inflammation. <i>European Journal of Pharmacology</i> , 2006 , 551, 116-24	5.3	27
110	Differential regulation of Nrf2 is linked to elevated inflammation and oxidative stress in monocytes of children with autism. <i>Psychoneuroendocrinology</i> , 2020 , 113, 104554	5	26
109	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. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019 , 89, 245-253	5.5	26
108	The tyrosine kinase inhibitor tyrphostin AG126 reduces activation of inflammatory cells and increases Foxp3 regulatory T cells during pathogenesis of rheumatoid arthritis. <i>Molecular Immunology</i> , 2016 , 78, 65-78	4.3	24
107	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	3.5	23
106	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	5.3	23
105	Immobilization stress causes extra-cellular oxidant-antioxidant imbalance in rats: restoration by L-NAME and vitamin E. <i>European Neuropsychopharmacology</i> , 2006 , 16, 260-7	1.2	23
104	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	5.5	22
103	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	5.5	22
102	Toll-like receptors, NF- κ B, and IL-27 mediate adenosine A2A receptor signaling in BTBR T Itpr3/J mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017 , 79, 184-191	5.5	22

101	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	5.5	22
100	Design and Synthesis of N-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, 8850-67	8.3	21
99	Activation of adenosine A2A receptor signaling regulates the expression of cytokines associated with immunologic dysfunction in BTBR T Itpr3/J mice. <i>Molecular and Cellular Neurosciences</i> , 2017 , 82, 76-87	4.8	20
98	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	5.5	20
97	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	3.4	19
96	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	6.2	19
95	Involvement of A1 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, H81-7	5.2	19
94	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	5.8	18
93	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	7.9	18
92	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	7.5	18
91	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	5.8	17
90	Allergic sensitization enhances anion current responsiveness of murine trachea to PAR-2 activation. <i>Pflugers Archiv European Journal of Physiology</i> , 2012 , 463, 497-509	4.6	17
89	Treatment with aliskiren ameliorates tacrolimus-induced nephrotoxicity in rats. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2015 , 16, 1329-36	3	16
88	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	5.8	16
87	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, 74-84	4.1	16
86	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	5.8	16
85	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	5.5	16
84	β1,3-Glucan reverses aflatoxin B1-mediated suppression of immune responses in mice. <i>Life Sciences</i> , 2016 , 152, 1-13	6.8	16

83	A2A 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	4.7	16
82	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, H2158-65	5.2	16
81	Insight into the role of integrated carbohydrate polymers (starch, chitosan, and Cyclodextrin) with mesoporous silica as carriers for ibuprofen drug; equilibrium and pharmacokinetic properties. <i>International Journal of Biological Macromolecules</i> , 2020 , 156, 537-547	7.9	16
80	Acute glutathione depletion leads to enhancement of airway reactivity and inflammation via p38MAPK-iNOS pathway in allergic mice. <i>International Immunopharmacology</i> , 2014 , 22, 222-9	5.8	15
79	Adenosine A2A 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	3.5	15
78	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. <i>ACS Omega</i> , 2020 , 5, 19163-19173	3.9	15
77	Inhibition of BET bromodomains restores corticosteroid responsiveness in a mixed granulocytic mouse model of asthma. <i>Biochemical Pharmacology</i> , 2018 , 154, 222-233	6	15
76	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	5.3	14
75	Riboflavin attenuates lipopolysaccharide-induced lung injury in rats. <i>Toxicology Mechanisms and Methods</i> , 2015 , 25, 417-23	3.6	14
74	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	2.7	14
73	Escheriosome-mediated cytosolic delivery of PLK1-specific siRNA: potential in treatment of liver cancer in BALB/c mice. <i>Nanomedicine</i> , 2014 , 9, 407-20	5.6	13
72	The PPAR α 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	4.4	13
71	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	4.6	12
70	Chemokine Receptor 5 Antagonism Causes Reduction in Joint Inflammation in a Collagen-Induced Arthritis Mouse Model. <i>Molecules</i> , 2021 , 26,	4.8	12
69	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	5.8	12
68	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	7.5	12
67	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	5.8	11
66	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, 104411	10.2	11

65	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	4.3	11
64	Immune Alterations in CD8 T Cells Are Associated with Neuronal C-C and C-X-C Chemokine Receptor Regulation Through Adenosine A2A Receptor Signaling in a BTBR T Itpr3/J Autistic Mouse Model. <i>Molecular Neurobiology</i> , 2018 , 55, 2603-2616	6.2	11
63	Inhibition of spleen tyrosine kinase signaling protects against acute lung injury through blockade of NADPH oxidase and IL-17A in neutrophils and T cells respectively in mice. <i>International Immunopharmacology</i> , 2019 , 68, 39-47	5.8	11
62	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	5.8	11
61	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	5.8	10
60	Elevated IL-16 expression is associated with development of immune dysfunction in children with autism. <i>Psychopharmacology</i> , 2019 , 236, 831-838	4.7	10
59	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	5	9
58	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	5.5	9
57	Olmesartan attenuates tacrolimus-induced biochemical and ultrastructural changes in rat kidney tissue. <i>BioMed Research International</i> , 2014 , 2014, 607246	3	9
56	Adenosine receptor antagonists and asthma. <i>Drug Discovery Today: Therapeutic Strategies</i> , 2006 , 3, 269-275		9
55	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	4.3	9
54	Protection by tyrosine kinase inhibitor, tyrphostin AG126, through the suppression of IL-17A, ROR γ , and T-bet signaling, in the BTBR mouse model of autism. <i>Brain Research Bulletin</i> , 2018 , 142, 328-337		9
53	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	2.9	9
52	5-aminoisoquinolinone attenuates social behavior deficits and immune abnormalities in the BTBR T Itpr3/J mouse model for autism. <i>Pharmacology Biochemistry and Behavior</i> , 2020 , 189, 172859	3.9	8
51	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	4.6	8
50	Protection against tacrolimus-induced cardiotoxicity in rats by olmesartan and aliskiren. <i>Toxicology Mechanisms and Methods</i> , 2014 , 24, 697-702	3.6	8
49	S3I-201, a selective Stat3 inhibitor, restores neuroimmune function through upregulation of Treg signaling in autistic BTBR T Itpr3/J mice. <i>Cellular Signalling</i> , 2018 , 52, 127-136	4.9	8
48	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	5.8	7

47	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 Itpr3/J mice. <i>Life Sciences</i> , 2019 , 237, 116930	6.8	7
46	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	4.4	7
45	Phase I study of docetaxel, capecitabine, and carboplatin in metastatic esophagogastric cancer. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2005 , 28, 329-33	2.7	7
44	Binding of bilirubin with albumin-coupled liposomes: implications in the treatment of jaundice. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2002 , 1564, 219-26	3.8	7
43	Ubiquitous plasticizer, Di-(2-ethylhexyl) phthalate enhances existing inflammatory profile in monocytes of children with autism. <i>Toxicology</i> , 2020 , 446, 152597	4.4	7
42	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	5.8	6
41	The Stat3 inhibitor, S3I-201, downregulates lymphocyte activation markers, chemokine receptors, and inflammatory cytokines in the BTBR T Itpr3/J mouse model of autism. <i>Brain Research Bulletin</i> , 2019 , 152, 27-34	3.9	6
40	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	4.4	6
39	Exposure to the plasticizer, Di-(2-ethylhexyl) phthalate during juvenile period exacerbates autism-like behavior in adult BTBR T Itpr3/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	5.5	6
38	Dysregulation of Ki-67 Expression in T Cells of Children with Autism Spectrum Disorder. <i>Children</i> , 2021 , 8,	2.8	6
37	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	5.8	6
36	The histamine-4 receptor antagonist JNJ777120 prevents immune abnormalities by inhibiting ROR γ /T-bet transcription factor signaling pathways in BTBR T Itpr3/J mice exposed to gamma rays. <i>Molecular Immunology</i> , 2019 , 114, 561-570	4.3	5
35	Assessment of DNA repair efficiency in the inbred BTBR Ttf/J autism spectrum disorder mouse model exposed to gamma rays and treated with JNJ777120. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019 , 93, 189-196	5.5	5
34	Systemic TNF- β blockade attenuates anxiety and depressive-like behaviors in mice through downregulation of inflammatory signaling in peripheral immune cells. <i>Saudi Pharmaceutical Journal</i> , 2020 , 28, 621-629	4.4	5
33	Imbalance in pro-inflammatory and anti-inflammatory cytokines milieu in B cells of children with autism.. <i>Molecular Immunology</i> , 2021 , 141, 297-304	4.3	5
32	An Integrated Approach for Cancer Survival Prediction Using Data Mining Techniques.. <i>Computational Intelligence and Neuroscience</i> , 2021 , 2021, 6342226	3	5
31	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	3.5	5
30	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>Pharmacology</i> , 2021 , 113,	6.4	5

29	Discovery and evaluation of 1H-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	2.9	4
28	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	5.3	4
27	Vorinostat is genotoxic and epigenotoxic in the mouse bone marrow cells at the human equivalent doses. <i>Toxicology</i> , 2020 , 441, 152507	4.4	4
26	Instantaneous Adsorption of Synthetic Dyes from an Aqueous Environment Using Kaolinite Nanotubes: Equilibrium and Thermodynamic Studies. <i>ACS Omega</i> , 2021 , 6, 845-856	3.9	4
25	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	5.8	4
24	Evaluation of DNA repair efficiency in autistic children by molecular cytogenetic analysis and transcriptome profiling. <i>DNA Repair</i> , 2020 , 85, 102750	4.3	3
23	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	2.5	3
22	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,	3.4	3
21	Upregulation of enzymatic antioxidants in CD4 T cells of autistic children. <i>Biochimie</i> , 2020 , 171-172, 205-212	4.12	2
20	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 Itpr3tf/J mice. <i>NeuroToxicology</i> , 2021 , 82, 9-17	4.4	2
19	Phase I trial examining addition of gemcitabine to CHOP in intermediate grade NHL. <i>Cancer Chemotherapy and Pharmacology</i> , 2011 , 68, 1075-80	3.5	1
18	Increased oxidative stress and depletion of antioxidants in A2A adenosine receptor deficient allergic mice. <i>FASEB Journal</i> , 2006 , 20, A671	0.9	1
17	Utility of Dexrazoxane for the Attenuation of Epirubicin-Induced Genetic Alterations in Mouse Germ Cells. <i>PLoS ONE</i> , 2016 , 11, e0163703	3.7	1
16	The MAP kinase inhibitor PD98059 reduces chromosomal instability in the autoimmune encephalomyelitis SJL/J-mouse model of multiple sclerosis. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2021 , 861-862, 503278	3	1
15	Dysregulated Nrf2 signaling in response to di(2-ethylhexyl) phthalate in neutrophils of children with autism.. <i>International Immunopharmacology</i> , 2022 , 106, 108619	5.8	1
14	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	4.4	1
13	3-Aminobenzamide alleviates elevated DNA damage and DNA methylation in a BTBR TItpr3/J mouse model of autism by enhancing repair gene expression. <i>Pharmacology Biochemistry and Behavior</i> , 2020 , 199, 173057	3.9	0
12	Cathepsin B inhibitor alleviates Th1, Th17, and Th22 transcription factor signaling dysregulation in experimental autoimmune encephalomyelitis.. <i>Experimental Neurology</i> , 2022 , 113997	5.7	0

11	Myricetin (3,3,4,5,5,7-hexahydroxyflavone) prevents ethanol-induced biochemical and inflammatory damage in the liver of Wistar rats.. <i>Human and Experimental Toxicology</i> , 2022 , 41, 9603271211066843	3.4	0
10	Personalized Liver Cancer Risk Prediction Using Big Data Analytics Techniques with Image Processing Segmentation.. <i>Computational Intelligence and Neuroscience</i> , 2022 , 2022, 8154523	3	0
9	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	4.3	0
8	Acetyl-11-keto- β -Boswellic acid improves clinical symptoms through modulation of Nrf2 and NF- κ B pathways in SJL/J mouse model of experimental autoimmune encephalomyelitis.. <i>International Immunopharmacology</i> , 2022 , 107, 108703	5.8	0
7	CXCR2 antagonist SB332235 mitigates deficits in social behavior and dysregulation of Th1/Th22 and T regulatory cell-related transcription factor signaling in male BTBR T+ Itpr3tf/J mouse model of autism. <i>Pharmacology Biochemistry and Behavior</i> , 2022 , 173408	3.9	0
6	Attenuation of adenosine receptor-mediated vasorelaxation by L-NAME in mouse aorta. <i>FASEB Journal</i> , 2006 , 20, LB17	0.9	
5	Endothelium-mediated contraction by A3 adenosine receptor agonist and its relationship to COX-1/COX-2 in A3KO mouse aorta. <i>FASEB Journal</i> , 2007 , 21, A1381	0.9	
4	Effects of adenosine on vascular reactivity and inflammation in a murine model of allergic asthma. <i>FASEB Journal</i> , 2007 , 21, A805	0.9	
3	A1 adenosine receptor-activated protein kinase C signaling in A1 knock-out mice coronary artery smooth muscle cells. <i>FASEB Journal</i> , 2008 , 22, 1152.11	0.9	
2	Role of NADPH oxidase in A3 adenosine receptor-mediated contraction using knockout mouse aorta. <i>FASEB Journal</i> , 2009 , 23, 937.5	0.9	
1	Role of A1 adenosine receptors in vascular reactivity and inflammation in a murine model of allergic asthma. <i>FASEB Journal</i> , 2010 , 24, 958.1	0.9	