

Sheikh Fayaz Ahmad

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6358912/publications.pdf>

Version: 2024-02-01

164
papers

4,937
citations

70961

41
h-index

161609

54
g-index

168
all docs

168
docs citations

168
times ranked

5425
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Myricetin (3,3,4,5,7-hexahydroxyflavone) prevents ethanol-induced biochemical and inflammatory damage in the liver of Wistar rats. <i>Human and Experimental Toxicology</i> , 2022, 41, 096032712110668.	1.1	3
4	Liver Tumor Localization Based on YOLOv3 and 3D-Semantic Segmentation Using Deep Neural Networks. <i>Diagnostics</i> , 2022, 12, 823.	1.3	14
5	Methylmercury chloride exposure exacerbates existing neurobehavioral and immune dysfunctions in the BTBR T+ Itpr3tf/J mouse model of autism. <i>Immunology Letters</i> , 2022, 244, 19-27.	1.1	7
6	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
7	Dysregulated Nrf2 signaling in response to di(2-ethylhexyl) phthalate in neutrophils of children with autism. <i>International Immunopharmacology</i> , 2022, 106, 108619.	1.7	9
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.	1.7	13
9	Lead Nitrate Induces Inflammation and Apoptosis in Rat Lungs Through the Activation of NF- κ B and AhR Signaling Pathways. <i>Environmental Science and Pollution Research</i> , 2022, 29, 64959-64970.	2.7	10
10	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
11	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, 217, 173408.	1.3	6
12	Quantitative Determination of 5-Aminoisoquinoline, a PARP-1 Inhibitor by UPLC-MS/MS: In Silico ADME Profile and In Vitro Metabolic Stability Study. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 5998.	1.3	1
13	CCR1 antagonist J-113863 corrects the imbalance of pro- and anti-inflammatory cytokines in a SJL/J mouse model of relapsing-remitting multiple sclerosis. <i>Immunobiology</i> , 2022, 227, 152245.	0.8	5
14	Lead (Pb) exposure exacerbates behavioral and immune abnormalities by upregulating Th17 and NF- κ B-related signaling in BTBR T+ Itpr3tf/J autistic mouse model. <i>NeuroToxicology</i> , 2022, 91, 340-348.	1.4	12
15	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.	1.4	16
16	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
17	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.	0.9	2
18	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

#	ARTICLE	IF	CITATIONS
19	Dysregulation of Ki-67 Expression in T Cells of Children with Autism Spectrum Disorder. <i>Children</i> , 2021, 8, 116.	0.6	7
20	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
21	Sinapic acid ameliorates D-galactosamine/lipopolysaccharide-induced fulminant hepatitis in rats: Role of nuclear factor erythroid-related factor 2/heme oxygenase-1 pathways. <i>World Journal of Gastroenterology</i> , 2021, 27, 592-608.	1.4	15
22	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
23	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
24	Exposure to the plasticizer, Di-(2-ethylhexyl) phthalate during juvenile period exacerbates autism-like behavior in adult BTBR T ^A +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
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.	1.7	15
26	Genetic characterization and assessment of diversity in Pandharpuri buffalo breed of India using heterologous microsatellite markers. <i>Animal Biotechnology</i> , 2020, 31, 426-431.	0.7	6
27	Genetic parameters of pre-weaning weights in crossbred piglets using multi-trait animal model. <i>Tropical Animal Health and Production</i> , 2020, 52, 109-114.	0.5	8
28	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
29	Differential regulation of Nrf2 is linked to elevated inflammation and oxidative stress in monocytes of children with autism. <i>Psychoneuroendocrinology</i> , 2020, 113, 104554.	1.3	47
30	C-C motif chemokine receptor 6-mediated pro-inflammatory mediator expression is associated with immune dysfunction in children with autism. <i>Research in Autism Spectrum Disorders</i> , 2020, 71, 101500.	0.8	1
31	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
32	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
33	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
34	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
35	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
36	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

#	ARTICLE	IF	CITATIONS
37	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, 19165-19173.	1.6	52
38	3-Aminobenzamide alleviates elevated DNA damage and DNA methylation in a BTBR T+Itpr3/J mouse model of autism by enhancing repair gene expression. <i>Pharmacology Biochemistry and Behavior</i> , 2020, 199, 173057.	1.3	3
39	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
40	Systemic TNF- α 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
41	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
42	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
43	CXC chemokine receptor 3 antagonist AMG487 shows potent anti-arthritic effects on collagen-induced arthritis by modifying B cell inflammatory profile. <i>Immunology Letters</i> , 2020, 225, 74-81.	1.1	36
44	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
45	5-aminoisoquinolinone attenuates social behavior deficits and immune abnormalities in the BTBR T+Itpr3tf/J mouse model for autism. <i>Pharmacology Biochemistry and Behavior</i> , 2020, 189, 172859.	1.3	21
46	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
47	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
48	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
49	Upregulation of enzymatic antioxidants in CD4+ T cells of autistic children. <i>Biochimie</i> , 2020, 171-172, 205-212.	1.3	9
50	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
51	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
52	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
53	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
54	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

#	ARTICLE	IF	CITATIONS
55	The histamine-4 receptor antagonist JNJ7777120 prevents immune abnormalities by inhibiting ROR γ 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
56	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
57	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
58	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
59	Nano-erythrocyte membrane-chaperoned 5-fluorouracil liposomes as biomimetic delivery platforms to target hepatocellular carcinoma cell lines. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 989-996.	1.9	20
60	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
61	Assessment of DNA repair efficiency in the inbred BTBR T+tf/J autism spectrum disorder mouse model exposed to gamma rays and treated with JNJ7777120. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 93, 189-196.	2.5	9
62	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.	1.2	62
63	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
64	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
65	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
66	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
67	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
68	Inhibition of spleen tyrosine kinase signaling protects against acute lung injury through blockade of NADPH oxidase and IL-17A in neutrophils and $\gamma\delta$ T cells respectively in mice. <i>International Immunopharmacology</i> , 2019, 68, 39-47.	1.7	22
69	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.	2.5	50
70	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
71	Resveratrol attenuates pro-inflammatory cytokines and activation of JAK1-STAT3 in BTBR T + Itpr3 tf /J autistic mice. <i>European Journal of Pharmacology</i> , 2018, 829, 70-78.	1.7	52
72	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

#	ARTICLE	IF	CITATIONS
73	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
74	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
75	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
76	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
77	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+ Itpr3tf/J Autistic Mouse Model. <i>Molecular Neurobiology</i> , 2018, 55, 2603-2616.	1.9	16
78	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
79	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
80	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
81	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
82	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
83	The PPAR γ 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
84	Protection by tyrosine kinase inhibitor, tyrphostin AG126, through the suppression of IL-17A, ROR γ t, and T-bet signaling, in the BTBR mouse model of autism. <i>Brain Research Bulletin</i> , 2018, 142, 328-337.	1.4	16
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	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
87	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
88	Sinapic acid ameliorate cadmium-induced nephrotoxicity: In vivo possible involvement of oxidative stress, apoptosis, and inflammation via NF- κ B downregulation. <i>Environmental Toxicology and Pharmacology</i> , 2017, 51, 100-107.	2.0	81
89	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.	1.7	52
90	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

#	ARTICLE	IF	CITATIONS
91	Adenosine A2A receptor modulates neuroimmune function through Th17/retinoid-related orphan receptor gamma t (ROR γ t) signaling in a BTBR T + Itpr3 tf /J mouse model of autism. Cellular Signalling, 2017, 36, 14-24.	1.7	53
92	Activation of adenosine A2A receptor signaling regulates the expression of cytokines associated with immunologic dysfunction in BTBR T + Itpr3 tf /J mice. Molecular and Cellular Neurosciences, 2017, 82, 76-87.	1.0	32
93	Acute lung injury leads to depression-like symptoms through upregulation of neutrophilic and neuronal NADPH oxidase signaling in a murine model. International Immunopharmacology, 2017, 47, 218-226.	1.7	21
94	Antimicrobial, anticancer, and antioxidant compounds from <i>Premna resinosa</i> growing in Saudi Arabia. Pharmaceutical Biology, 2017, 55, 1759-1766.	1.3	17
95	IL-17A causes depression-like symptoms via NF κ B and p38MAPK signaling pathways in mice: Implications for psoriasis associated depression. Cytokine, 2017, 97, 14-24.	1.4	114
96	Imbalance between the anti- and pro-inflammatory milieu in blood leukocytes of autistic children. Molecular Immunology, 2017, 82, 57-65.	1.0	46
97	Psoriatic inflammation causes hepatic inflammation with concomitant dysregulation in hepatic metabolism via IL-17A/IL-17 receptor signaling in a murine model. Immunobiology, 2017, 222, 128-136.	0.8	31
98	Psoriatic inflammation enhances allergic airway inflammation through IL-23/STAT3 signaling in a murine model. Biochemical Pharmacology, 2017, 124, 69-82.	2.0	45
99	Dexrazoxane Averts Idarubicin-Evoked Genomic Damage by Regulating Gene Expression Profiling Associated With the DNA Damage-Signaling Pathway in BALB/c Mice. Toxicological Sciences, 2017, 160, 161-172.	1.4	12
100	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. Journal of Neuroimmunology, 2017, 311, 59-67.	1.1	21
101	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
102	Toll-like receptors, NF- κ B, and IL-27 mediate adenosine A2A receptor signaling in BTBR T + Itpr3 tf /J mice. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2017, 79, 184-191.	2.5	38
103	Resveratrol Ameliorates Dysregulation of Th1, Th2, Th17, and T Regulatory Cell-Related Transcription Factor Signaling in a BTBR T α + Δ tf/J Mouse Model of Autism. Molecular Neurobiology, 2017, 54, 5201-5212.	1.9	74
104	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
105	Dysregulation of Th1, Th2, Th17, and T regulatory cell-related transcription factor signaling in children with autism. Molecular Neurobiology, 2017, 54, 4390-4400.	1.9	107
106	Utility of Dexrazoxane for the Attenuation of Epirubicin-Induced Genetic Alterations in Mouse Germ Cells. PLoS ONE, 2016, 11, e0163703.	1.1	5
107	Alleviation of Aflatoxin B1-Induced Genomic Damage by Proanthocyanidins via Modulation of DNA Repair. Journal of Biochemical and Molecular Toxicology, 2016, 30, 559-566.	1.4	19
108	Thymoquinone inhibits growth of human medulloblastoma cells by inducing oxidative stress and caspase-dependent apoptosis while suppressing NF- κ B signaling and IL-8 expression. Molecular and Cellular Biochemistry, 2016, 416, 141-155.	1.4	35

#	ARTICLE	IF	CITATIONS
109	Molecular mechanisms of cardiotoxicity of gefitinib in vivo and in vitro rat cardiomyocyte: Role of apoptosis and oxidative stress. <i>Toxicology Letters</i> , 2016, 252, 50-61.	0.4	43
110	Dexamethasone Attenuates LPS-induced Acute Lung Injury through Inhibition of NF- κ B, COX-2, and Pro-inflammatory Mediators. <i>Immunological Investigations</i> , 2016, 45, 349-369.	1.0	92
111	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.	1.0	47
112	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
113	Sinapic acid mitigates gentamicin-induced nephrotoxicity and associated oxidative/nitrosative stress, apoptosis, and inflammation in rats. <i>Life Sciences</i> , 2016, 165, 1-8.	2.0	65
114	IQGAP1 gene silencing induces apoptosis and decreases the invasive capacity of human hepatocellular carcinoma cells. <i>Tumor Biology</i> , 2016, 37, 13927-13939.	0.8	22
115	ID2 mediates the transforming growth factor- β 1-induced Warburg-like effect seen in the peritoneum of women with endometriosis. <i>Molecular Human Reproduction</i> , 2016, 22, 648-654.	1.3	25
116	Apremilast reversed carfilzomib-induced cardiotoxicity through inhibition of oxidative stress, NF- κ B and MAPK signaling in rats. <i>Toxicology Mechanisms and Methods</i> , 2016, 26, 700-708.	1.3	41
117	β -1,3-Glucan reverses aflatoxin B1-mediated suppression of immune responses in mice. <i>Life Sciences</i> , 2016, 152, 1-13.	2.0	24
118	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
119	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
120	Impact of dexrazoxane on doxorubicin-induced aneuploidy in somatic and germinal cells of male mice. <i>Cancer Chemotherapy and Pharmacology</i> , 2016, 77, 27-33.	1.1	10
121	Dexrazoxane mitigates epirubicin-induced genotoxicity in mice bone marrow cells. <i>Mutagenesis</i> , 2016, 31, 137-145.	1.0	6
122	Proteinase activated receptor-2-mediated dual oxidase up-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
123	Dominant lethal effects of nocodazole in germ cells of male mice. <i>Food and Chemical Toxicology</i> , 2015, 77, 101-104.	1.8	6
124	Stimulation of the histamine 4 receptor with 4-methylhistamine modulates the effects of chronic stress on the Th1/Th2 cytokine balance. <i>Immunobiology</i> , 2015, 220, 341-349.	0.8	31
125	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, 889-898.	0.8	89
126	Mitogen-Activated Protein Kinases Pathways Mediate the Sunitinib-Induced Hypertrophy in Rat Cardiomyocyte H9c2 Cells. <i>Cardiovascular Toxicology</i> , 2015, 15, 41-51.	1.1	27

#	ARTICLE	IF	CITATIONS
127	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
128	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
129	Diosmin downregulates the expression of T cell receptors, pro-inflammatory cytokines and NF- κ B activation against LPS-induced acute lung injury in mice. <i>Pharmacological Research</i> , 2015, 102, 1-11.	3.1	79
130	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
131	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
132	Selective modulation of the prostaglandin F2 \pm pathway markedly impacts on endometriosis progression in a xenograft mouse model. <i>Molecular Human Reproduction</i> , 2015, 21, 905-916.	1.3	15
133	The role of poly(ADP-ribose) polymerase-1 inhibitor in carrageenan-induced lung inflammation in mice. <i>Molecular Immunology</i> , 2015, 63, 394-405.	1.0	38
134	Naringin Attenuates the Development of Carrageenan-Induced Acute Lung Inflammation Through Inhibition of NF- κ b, STAT3 and Pro-Inflammatory Mediators and Enhancement of I κ B \pm and Anti-Inflammatory Cytokines. <i>Inflammation</i> , 2015, 38, 846-857.	1.7	53
135	Gene expression of IQGAPs and Ras families in an experimental mouse model for hepatocellular carcinoma: a mechanistic study of cancer progression. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 8821-31.	0.5	8
136	Honey bee is a potential antioxidant against cyclophosphamide-induced genotoxicity in albino male mice. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2015, 28, 973-81.	0.2	6
137	Aneugenic Effects of Epirubicin in Somatic and Germinal Cells of Male Mice. <i>PLoS ONE</i> , 2014, 9, e109942.	1.1	9
138	Study of the therapeutic effects of Lactobacillus and α -lipoic acid against dimethylnitrosamine-induced liver fibrosis in rats. <i>Journal of Genetic Engineering and Biotechnology</i> , 2014, 12, 135-142.	1.5	6
139	Involvement of histamine 4 receptor in the pathogenesis and progression of rheumatoid arthritis. <i>International Immunology</i> , 2014, 26, 325-340.	1.8	45
140	Anti-inflammatory effect of <i>Euphorbia hirta</i> in an adjuvant-induced arthritic murine model. <i>Immunological Investigations</i> , 2014, 43, 197-211.	1.0	17
141	Role of a histamine 4 receptor as an anti-inflammatory target in carrageenan-induced pleurisy in mice. <i>Immunology</i> , 2014, 142, 374-383.	2.0	20
142	Attenuation of the progression of adjuvant-induced arthritis by 3-aminobenzamide treatment. <i>International Immunopharmacology</i> , 2014, 19, 52-59.	1.7	27
143	Grape Seed Proanthocyanidin Extract Protects Against Carrageenan-Induced Lung Inflammation in Mice Through Reduction of Pro-inflammatory Markers and Chemokine Expressions. <i>Inflammation</i> , 2014, 37, 500-511.	1.7	34
144	Amelioration of autoimmune arthritis by naringin through modulation of T regulatory cells and Th1/Th2 cytokines. <i>Cellular Immunology</i> , 2014, 287, 112-120.	1.4	52

#	ARTICLE	IF	CITATIONS
145	Genotoxic evaluation of chloroacetonitrile in murine marrow cells and effects on DNA damage repair gene expressions. <i>Mutagenesis</i> , 2014, 29, 55-62.	1.0	21
146	Aroclor 1254-induced genotoxicity in male gonads through oxidatively damaged DNA and inhibition of DNA repair gene expression. <i>Mutagenesis</i> , 2014, 29, 379-384.	1.0	15
147	Carbon tetrachloride-induced hepatotoxicity in rat is reversed by treatment with riboflavin. <i>International Immunopharmacology</i> , 2014, 21, 383-388.	1.7	60
148	Poly(ADP-ribose) polymerase-1 inhibitor modulates T regulatory and IL-17 cells in the prevention of adjuvant induced arthritis in mice model. <i>Cytokine</i> , 2014, 68, 76-85.	1.4	44
149	Germ cell mutagenicity of topoisomerase I inhibitor topotecan detected in the male mouse-dominant lethal study. <i>Food and Chemical Toxicology</i> , 2013, 62, 470-474.	1.8	9
150	TNF- α inhibitory effect of <i>Euphorbia hirta</i> in rats. <i>Pharmaceutical Biology</i> , 2013, 51, 411-417.	1.3	11
151	Wogonin attenuates etoposide-induced oxidative DNA damage and apoptosis via suppression of oxidative DNA stress and modulation of OGG1 expression. <i>Food and Chemical Toxicology</i> , 2013, 59, 724-730.	1.8	31
152	Grape seed proanthocyanidin extract has potent anti-arthritis effects on collagen-induced arthritis by modifying the T cell balance. <i>International Immunopharmacology</i> , 2013, 17, 79-87.	1.7	48
153	The Influence of Lentinan on the Capacity of Repair of DNA Damage and Apoptosis Induced by Paclitaxel in Mouse Bone Marrow Cells. <i>Journal of Biochemical and Molecular Toxicology</i> , 2013, 27, 370-377.	1.4	11
154	Immunosuppressive effects of <i>Euphorbia hirta</i> in experimental animals. <i>Inflammopharmacology</i> , 2013, 21, 161-168.	1.9	6
155	Modulation of Th1 cytokines and inflammatory mediators by <i>Euphorbia hirta</i> in animal model of adjuvant-induced arthritis. <i>Inflammopharmacology</i> , 2013, 21, 365-375.	1.9	8
156	Immunogenetic Management Software: a new tool for visualization and analysis of complex immunogenetic datasets. <i>Immunogenetics</i> , 2012, 64, 329-336.	1.2	8
157	Downregulation of pro-inflammatory cytokines by lupeol measured using cytometric bead array immunoassay. <i>Phytotherapy Research</i> , 2010, 24, 9-13.	2.8	16
158	Immunomodulatory activity of isoflavones isolated from <i>Iris germanica</i> (Iridaceae) on T lymphocytes and cytokines. <i>Phytotherapy Research</i> , 2009, 23, 428-433.	2.8	22
159	Immunomodulatory effect of bergenin and norbergenin against adjuvant-induced arthritis—A flow cytometric study. <i>Journal of Ethnopharmacology</i> , 2007, 112, 401-405.	2.0	109
160	Amelioration of adjuvant-induced arthritis by ursolic acid through altered Th1/Th2 cytokine production. <i>Pharmacological Research</i> , 2006, 53, 233-240.	3.1	54
161	Selective Th1 up-regulating activity of <i>Withania somnifera</i> aqueous extract in an experimental system using flow cytometry. <i>Journal of Ethnopharmacology</i> , 2006, 107, 107-115.	2.0	54
162	Augmentation and proliferation of T lymphocytes and Th-1 cytokines by <i>Withania somnifera</i> in stressed mice. <i>International Immunopharmacology</i> , 2006, 6, 1394-1403.	1.7	47

#	ARTICLE	IF	CITATIONS
163	Suppression of T lymphocyte activity by lupeol isolated from <i>Crataeva religiosa</i> . <i>Phytotherapy Research</i> , 2006, 20, 279-287.	2.8	60
164	Immunosuppressive properties of an ethyl acetate fraction from <i>Euphorbia royleana</i> . <i>Journal of Ethnopharmacology</i> , 2005, 99, 185-192.	2.0	46