

Sheikh Fayaz Ahmad

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

159
papers

3,034
citations

31
h-index

43
g-index

168
ext. papers

4,094
ext. citations

4.9
avg, IF

5.41
L-index

#	Paper	IF	Citations
159	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
158	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, 96032712341066843	3.4	0
157	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
156	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
155	Acetyl-11-keto-Eboswellic 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
154	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 , 1	5.1	0
153	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
152	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
151	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
150	Chemokine Receptor 5 Antagonism Causes Reduction in Joint Inflammation in a Collagen-Induced Arthritis Mouse Model. <i>Molecules</i> , 2021 , 26,	4.8	12
149	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>Frontiers in Immunology</i> , 2021 , 12, 674149	6.4	5
148	Exposure to the plasticizer, Di-(2-ethylhexyl) phthalate during juvenile period exacerbates autism-like behavior in adult BTBR T+ Itpr3tf/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
147	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
146	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
145	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
144	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
143	Dysregulation of Ki-67 Expression in T Cells of Children with Autism Spectrum Disorder. <i>Children</i> , 2021 , 8,	2.8	6

142	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
141	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	5.6	4
140	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
139	3-Aminobenzamide alleviates elevated DNA damage and DNA methylation in a BTBR Tlpr3/J mouse model of autism by enhancing repair gene expression. <i>Pharmacology Biochemistry and Behavior</i> , 2020 , 199, 173057	3.9	0
138	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
137	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
136	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
135	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
134	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, 74-84	4.1	16
133	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
132	5-aminoisoquinolinone attenuates social behavior deficits and immune abnormalities in the BTBR Tlpr3/J mouse model for autism. <i>Pharmacology Biochemistry and Behavior</i> , 2020 , 189, 172859	3.9	8
131	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
130	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
129	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
128	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
127	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
126	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	3	1
125	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

124	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
123	Inhibition of interleukin-2-inducible T-cell kinase causes reduction in imiquimod-induced psoriasisform inflammation through reduction of Th17 cells and enhancement of Treg cells in mice. <i>Biochimie</i> , 2020 , 179, 146-156	4.6	12
122	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
121	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
120	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
119	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, 191639-19173	3.9	15
118	Genetic characterization and assessment of diversity in Pandharpuri buffalo breed of India using heterologous microsatellite markers. <i>Animal Biotechnology</i> , 2020 , 31, 426-431	1.4	5
117	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	1.7	5
116	Upregulation of enzymatic antioxidants in CD4 T cells of autistic children. <i>Biochimie</i> , 2020 , 171-172, 205-212	2.12	2
115	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
114	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	10.2	11
113	The histamine-4 receptor antagonist JNJ7777120 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
112	DAPTA, a C-C chemokine receptor 5 (CCR5) antagonist attenuates immune aberrations by downregulating Th9/Th17 immune responses in BTBR T Itpr3/J mice. <i>European Journal of Pharmacology</i> , 2019 , 846, 100-108	5.3	4
111	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
110	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
109	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	6.1	13
108	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
107	Assessment of DNA repair efficiency in the inbred BTBR Ttf/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	5.5	5

106	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
105	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
104	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
103	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
102	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
101	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
100	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
99	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
98	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
97	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
96	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
95	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
94	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
93	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
92	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	6.3	19
91	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
90	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
89	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

88	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
87	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
86	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
85	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
84	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
83	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
82	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
81	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
80	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	9
79	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
78	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
77	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	5.8	51
76	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
75	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
74	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
73	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
72	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
71	Antimicrobial, anticancer, and antioxidant compounds from <i>Premna resinosa</i> growing in Saudi Arabia. <i>Pharmaceutical Biology</i> , 2017 , 55, 1759-1766	3.8	11

70	IL-17A causes depression-like symptoms via NF- κ B and p38MAPK signaling pathways in mice: Implications for psoriasis associated depression. <i>Cytokine</i> , 2017 , 97, 14-24	4	58
69	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
68	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
67	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
66	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
65	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
64	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
63	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
62	Resveratrol Ameliorates Dysregulation of Th1, Th2, Th17, and T Regulatory Cell-Related Transcription Factor Signaling in a BTBR T ^{Itpr3tf} /J Mouse Model of Autism. <i>Molecular Neurobiology</i> , 2017 , 54, 5201-5212	6.2	56
61	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
60	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
59	ID2 mediates the transforming growth factor- β -induced Warburg-like effect seen in the peritoneum of women with endometriosis. <i>Molecular Human Reproduction</i> , 2016 , 22, 648-54	4.4	17
58	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	3.6	26
57	β 1,3-Glucan reverses aflatoxin B1-mediated suppression of immune responses in mice. <i>Life Sciences</i> , 2016 , 152, 1-13	6.8	16
56	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
55	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
54	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	3.5	9
53	Dexrazoxane mitigates epirubicin-induced genotoxicity in mice bone marrow cells. <i>Mutagenesis</i> , 2016 , 31, 137-45	2.8	4

52	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
51	Alleviation of Aflatoxin B1-Induced Genomic Damage by Proanthocyanidins via Modulation of DNA Repair. <i>Journal of Biochemical and Molecular Toxicology</i> , 2016 , 30, 559-566	3.4	12
50	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. <i>Molecular and Cellular Biochemistry</i> , 2016 , 416, 141-55	4.2	30
49	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	4.4	30
48	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, 349-69	2.9	57
47	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
46	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
45	Sinapic acid mitigates gentamicin-induced nephrotoxicity and associated oxidative/nitrosative stress, apoptosis, and inflammation in rats. <i>Life Sciences</i> , 2016 , 165, 1-8	6.8	41
44	IQGAP1 gene silencing induces apoptosis and decreases the invasive capacity of human hepatocellular carcinoma cells. <i>Tumor Biology</i> , 2016 , 37, 13927-13939	2.9	13
43	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
42	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
41	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	10.2	58
40	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
39	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
38	Selective modulation of the prostaglandin F2 α pathway markedly impacts on endometriosis progression in a xenograft mouse model. <i>Molecular Human Reproduction</i> , 2015 , 21, 905-16	4.4	12
37	The role of poly(ADP-ribose) polymerase-1 inhibitor in carrageenan-induced lung inflammation in mice. <i>Molecular Immunology</i> , 2015 , 63, 394-405	4.3	27
36	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 and anti-inflammatory cytokines. <i>Inflammation</i> , 2015 , 38, 846-57	5.1	41
35	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}	7.8	34

34	Dominant lethal effects of nocodazole in germ cells of male mice. <i>Food and Chemical Toxicology</i> , 2015 , 77, 101-4	4.7	5
33	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, 341-9	3.4	20
32	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
31	Mitogen-activated protein kinases pathways mediate the sunitinib-induced hypertrophy in rat cardiomyocyte H9c2 cells. <i>Cardiovascular Toxicology</i> , 2015 , 15, 41-51	3.4	20
30	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	1.4	6
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27	Amelioration of autoimmune arthritis by naringin through modulation of T regulatory cells and Th1/Th2 cytokines. <i>Cellular Immunology</i> , 2014 , 287, 112-20	4.4	47
26	Genotoxic evaluation of chloroacetonitrile in murine marrow cells and effects on DNA damage repair gene expressions. <i>Mutagenesis</i> , 2014 , 29, 55-62	2.8	15
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22	Aneugenic effects of epirubicin in somatic and germinal cells of male mice. <i>PLoS ONE</i> , 2014 , 9, e109942	3.7	5
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14	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, 724-30	4.7	24
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11	Immunosuppressive effects of <i>Euphorbia hirta</i> in experimental animals. <i>Inflammopharmacology</i> , 2013 , 21, 161-8	5.1	5
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