

# Sheikh Fayaz Ahmad

## List of Publications by Year in descending order

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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	IL-17A causes depression-like symptoms via NF- $\kappa$ B and p38MAPK signaling pathways in mice: Implications for psoriasis associated depression. <i>Cytokine</i> , 2017, 97, 14-24.	1.4	114
2	Immunomodulatory effect of bergenin and norbergenin against adjuvant-induced arthritisâ€”A flow cytometric study. <i>Journal of Ethnopharmacology</i> , 2007, 112, 401-405.	2.0	109
3	Dysregulation of Th1, Th2, Th17, and T regulatory cell-related transcription factor signaling in children with autism. <i>Molecular Neurobiology</i> , 2017, 54, 4390-4400.	1.9	107
4	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
5	Dexamethasone Attenuates LPS-induced Acute Lung Injury through Inhibition of NF- $\kappa$ B, COX-2, and Pro-inflammatory Mediators. <i>Immunological Investigations</i> , 2016, 45, 349-369.	1.0	92
6	Regulation of TNF- $\alpha$ and NF- $\kappa$ B activation through the JAK/STAT signaling pathway downstream of histamine 4 receptor in a rat model of LPS-induced joint inflammation. <i>Immunobiology</i> , 2015, 220, 889-898.	0.8	89
7	Sinapic acid ameliorate cadmium-induced nephrotoxicity: In vivo possible involvement of oxidative stress, apoptosis, and inflammation via NF- $\kappa$ B downregulation. <i>Environmental Toxicology and Pharmacology</i> , 2017, 51, 100-107.	2.0	81
8	Diosmin downregulates the expression of T cell receptors, pro-inflammatory cytokines and NF- $\kappa$ B activation against LPS-induced acute lung injury in mice. <i>Pharmacological Research</i> , 2015, 102, 1-11.	3.1	79
9	Resveratrol Ameliorates Dysregulation of Th1, Th2, Th17, and T Regulatory Cell-Related Transcription Factor Signaling in a BTBR T <sup>A</sup> +Tf/J Mouse Model of Autism. <i>Molecular Neurobiology</i> , 2017, 54, 5201-5212.	1.9	74
10	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
11	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
12	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
13	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
14	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
15	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
16	Suppression of T lymphocyte activity by lupeol isolated from <i>Crataeva religiosa</i> . <i>Phytotherapy Research</i> , 2006, 20, 279-287.	2.8	60
17	Carbon tetrachloride-induced hepatotoxicity in rat is reversed by treatment with riboflavin. <i>International Immunopharmacology</i> , 2014, 21, 383-388.	1.7	60
18	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

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19	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
20	Naringin Attenuates the Development of Carrageenan-Induced Acute Lung Inflammation Through Inhibition of NF- $\kappa$ B, STAT3 and Pro-Inflammatory Mediators and Enhancement of I $\kappa$ B $\alpha$ and Anti-Inflammatory Cytokines. <i>Inflammation</i> , 2015, 38, 846-857.	1.7	53
21	Adenosine A2A receptor modulates neuroimmune function through Th17/retinoid-related orphan receptor gamma t (ROR $\gamma$ t) signaling in a BTBR T + Itp3 tf /J mouse model of autism. <i>Cellular Signalling</i> , 2017, 36, 14-24.	1.7	53
22	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.	0.8	53
23	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
24	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
25	Resveratrol attenuates pro-inflammatory cytokines and activation of JAK1-STAT3 in BTBR T + Itp3 tf /J autistic mice. <i>European Journal of Pharmacology</i> , 2018, 829, 70-78.	1.7	52
26	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
27	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.	2.5	51
28	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 + Itp3 tf /J mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 89, 245-253.	2.5	50
29	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
30	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
31	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
32	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
33	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
34	Immunosuppressive properties of an ethyl acetate fraction from <i>Euphorbia royleana</i> . <i>Journal of Ethnopharmacology</i> , 2005, 99, 185-192.	2.0	46
35	Proteinase activated receptor $\alpha$ 2 $\beta$ -mediated dual oxidase $\alpha$ 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.	2.0	46
36	Imbalance between the anti- and pro-inflammatory milieu in blood leukocytes of autistic children. <i>Molecular Immunology</i> , 2017, 82, 57-65.	1.0	46

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37	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
38	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
39	Involvement of histamine 4 receptor in the pathogenesis and progression of rheumatoid arthritis. <i>International Immunology</i> , 2014, 26, 325-340.	1.8	45
40	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
41	Psoriatic inflammation enhances allergic airway inflammation through IL-23/STAT3 signaling in a murine model. <i>Biochemical Pharmacology</i> , 2017, 124, 69-82.	2.0	45
42	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
43	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
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	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
46	Resveratrol Improves Neuroimmune Dysregulation Through the Inhibition of Neuronal Toll-Like Receptors and COX-2 Signaling in BTBR T+ Itpr3tf/J Mice. <i>NeuroMolecular Medicine</i> , 2018, 20, 133-146.	1.8	43
47	Apremilast reversed carfilzomib-induced cardiotoxicity through inhibition of oxidative stress, NF- $\kappa$ B and MAPK signaling in rats. <i>Toxicology Mechanisms and Methods</i> , 2016, 26, 700-708.	1.3	41
48	TLR-7 agonist attenuates airway reactivity and inflammation through Nrf2-mediated antioxidant protection in a murine model of allergic asthma. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 73, 53-62.	1.2	41
49	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
50	Toll-like receptors, NF- $\kappa$ B, and IL-27 mediate adenosine A2A receptor signaling in BTBR T + Itpr3 tf /J mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017, 79, 184-191.	2.5	38
51	Blockade of interleukin-2-inducible T-cell kinase signaling attenuates acute lung injury in mice through adjustment of pulmonary Th17/Treg immune responses and reduction of oxidative stress. <i>International Immunopharmacology</i> , 2020, 83, 106369.	1.7	38
52	Glucose-6-phosphate dehydrogenase inhibition attenuates acute lung injury through reduction in NADPH oxidase-derived reactive oxygen species. <i>Clinical and Experimental Immunology</i> , 2018, 191, 279-287.	1.1	36
53	CXC chemokine receptor 3 antagonist AMG487 shows potent anti-arthritis effects on collagen-induced arthritis by modifying B cell inflammatory profile. <i>Immunology Letters</i> , 2020, 225, 74-81.	1.1	36
54	Oxidative airway inflammation leads to systemic and vascular oxidative stress in a murine model of allergic asthma. <i>International Immunopharmacology</i> , 2015, 26, 237-245.	1.7	35

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55	Thymoquinone inhibits growth of human medulloblastoma cells by inducing oxidative stress and caspase-dependent apoptosis while suppressing NF- $\kappa$ B signaling and IL-8 expression. <i>Molecular and Cellular Biochemistry</i> , 2016, 416, 141-155.	1.4	35
56	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
57	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
58	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
59	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
60	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
61	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
62	Activation of adenosine A2A receptor signaling regulates the expression of cytokines associated with immunologic dysfunction in BTBR T + Itpr3 tf/J mice. <i>Molecular and Cellular Neurosciences</i> , 2017, 82, 76-87.	1.0	32
63	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
64	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
65	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
66	Psoriatic inflammation causes hepatic inflammation with concomitant dysregulation in hepatic metabolism via IL-17A/IL-17 receptor signaling in a murine model. <i>Immunobiology</i> , 2017, 222, 128-136.	0.8	31
67	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
68	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
69	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
70	Attenuation of the progression of adjuvant-induced arthritis by 3-aminobenzamide treatment. <i>International Immunopharmacology</i> , 2014, 19, 52-59.	1.7	27
71	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
72	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

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73	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
74	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
75	Exposure to the plasticizer, Di-(2-ethylhexyl) phthalate during juvenile period exacerbates autism-like behavior in adult BTBR TA+AtfJ 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
76	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
77	ID2 mediates the transforming growth factor- $\beta$ 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
78	The PPAR $\gamma$ agonist GW0742 restores neuroimmune function by regulating Tim-3 and Th17/Treg-related signaling in the BTBR autistic mouse model. <i>Neurochemistry International</i> , 2018, 120, 251-261.	1.9	25
79	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
80	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
81	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
82	$\beta$ -1,3-Glucan reverses aflatoxin B1-mediated suppression of immune responses in mice. <i>Life Sciences</i> , 2016, 152, 1-13.	2.0	24
83	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
84	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
85	Immunomodulatory activity of isoflavones isolated from <i>Iris germanica</i> (Iridaceae) on T $\alpha$ lymphocytes and cytokines. <i>Phytotherapy Research</i> , 2009, 23, 428-433.	2.8	22
86	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
87	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
88	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
89	Inhibition of spleen tyrosine kinase signaling protects against acute lung injury through blockade of NADPH oxidase and IL-17A in neutrophils and $\beta$ 1 T cells respectively in mice. <i>International Immunopharmacology</i> , 2019, 68, 39-47.	1.7	22
90	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

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91	Acute lung injury leads to depression-like symptoms through upregulation of neutrophilic and neuronal NADPH oxidase signaling in a murine model. <i>International Immunopharmacology</i> , 2017, 47, 218-226.	1.7	21
92	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.	1.1	21
93	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
94	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
95	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
96	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
97	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
98	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
99	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
100	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.	1.4	19
101	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
102	Systemic TNF- $\alpha$ blockade attenuates anxiety and depressive-like behaviors in db/db mice through downregulation of inflammatory signaling in peripheral immune cells. <i>Saudi Pharmaceutical Journal</i> , 2020, 28, 621-629.	1.2	19
103	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
104	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
105	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
106	Antimicrobial, anticancer, and antioxidant compounds from <i>Premna resinosa</i> growing in Saudi Arabia. <i>Pharmaceutical Biology</i> , 2017, 55, 1759-1766.	1.3	17
107	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
108	Downregulation of pro-inflammatory cytokines by lupeol measured using cytometric bead array immunoassay. <i>Phytotherapy Research</i> , 2010, 24, 9-13.	2.8	16

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109	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
110	Protection by tyrosine kinase inhibitor, tyrphostin AG126, through the suppression of IL-17A, ROR $\gamma$ t, and T-bet signaling, in the BTBR mouse model of autism. <i>Brain Research Bulletin</i> , 2018, 142, 328-337.	1.4	16
111	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
112	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
113	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
114	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
115	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
116	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
117	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
118	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
119	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
120	Liver Tumor Localization Based on YOLOv3 and 3D-Semantic Segmentation Using Deep Neural Networks. <i>Diagnostics</i> , 2022, 12, 823.	1.3	14
121	Acetyl-11-keto- $\beta$ -boswellic acid improves clinical symptoms through modulation of Nrf2 and NF- $\kappa$ B pathways in SJL/J mouse model of experimental autoimmune encephalomyelitis. <i>International Immunopharmacology</i> , 2022, 107, 108703.	1.7	13
122	Dexrazoxane Averts Idarubicin-Evoked Genomic Damage by Regulating Gene Expression Profiling Associated With the DNA Damage-Signaling Pathway in BALB/c Mice. <i>Toxicological Sciences</i> , 2017, 160, 161-172.	1.4	12
123	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
124	Lead (Pb) exposure exacerbates behavioral and immune abnormalities by upregulating Th17 and NF- $\kappa$ B-related signaling in BTBR T+ Itpr3tf/J autistic mouse model. <i>NeuroToxicology</i> , 2022, 91, 340-348.	1.4	12
125	TNF- $\alpha$ inhibitory effect of <i>Euphorbia hirta</i> in rats. <i>Pharmaceutical Biology</i> , 2013, 51, 411-417.	1.3	11
126	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



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128	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
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130	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
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