

Sheikh Fayaz Ahmad

List of Publications by Year
in descending order

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164
papers

4,937
citations

71102

41
h-index

161849

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- κ B and p38MAPK signaling pathways in mice: Implications for psoriasis associated depression. <i>Cytokine</i> , 2017, 97, 14-24.	3.2	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.	4.1	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.	4.0	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.	7.1	98
5	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.	2.0	92
6	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.	1.9	89
7	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.	4.0	81
8	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.	7.1	79
9	Resveratrol Ameliorates Dysregulation of Th1, Th2, Th17, and T Regulatory Cell-Related Transcription Factor Signaling in a BTBR T ^A /J Mouse Model of Autism. <i>Molecular Neurobiology</i> , 2017, 54, 5201-5212.	4.0	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.	4.1	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.	3.6	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.	4.3	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.	3.8	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.	4.1	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 ^A /J mice. <i>Behavioural Brain Research</i> , 2019, 364, 213-224.	2.2	62
16	Suppression of T lymphocyte activity by lupeol isolated from <i>Crataeva religiosa</i> . <i>Phytotherapy Research</i> , 2006, 20, 279-287.	5.8	60
17	Carbon tetrachloride-induced hepatotoxicity in rat is reversed by treatment with riboflavin. <i>International Immunopharmacology</i> , 2014, 21, 383-388.	3.8	60
18	Amelioration of adjuvant-induced arthritis by ursolic acid through altered Th1/Th2 cytokine production. <i>Pharmacological Research</i> , 2006, 53, 233-240.	7.1	54

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19	Selective Th1 up-regulating activity of Withania somnifera aqueous extract in an experimental system using flow cytometry. Journal of Ethnopharmacology, 2006, 107, 107-115.	4.1	54
20	Naringin Attenuates the Development of Carrageenan-Induced Acute Lung Inflammation Through Inhibition of NF- κ B, STAT3 and Pro-Inflammatory Mediators and Enhancement of IL-1 β and Anti-Inflammatory Cytokines. Inflammation, 2015, 38, 846-857.	3.8	53
21	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.	3.6	53
22	STA-21, a STAT-3 inhibitor, attenuates the development and progression of inflammation in collagen antibody-induced arthritis. Immunobiology, 2017, 222, 206-217.	1.9	53
23	Amelioration of autoimmune arthritis by naringin through modulation of T regulatory cells and Th1/Th2 cytokines. Cellular Immunology, 2014, 287, 112-120.	3.0	52
24	GPR43 activation enhances psoriasis-like inflammation through epidermal upregulation of IL-6 and dual oxidase 2 signaling in a murine model. Cellular Signalling, 2017, 33, 59-68.	3.6	52
25	Resveratrol attenuates pro-inflammatory cytokines and activation of JAK1-STAT3 in BTBR T + Itpr3 tf/J autistic mice. European Journal of Pharmacology, 2018, 829, 70-78.	3.5	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. ACS Omega, 2020, 5, 19165-19173.	3.5	52
27	Upregulation of IL-9 and JAK-STAT signaling pathway in children with autism. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2017, 79, 472-480.	4.8	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 + Itpr3 tf/J mice. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2019, 89, 245-253.	4.8	50
29	Grape seed proanthocyanidin extract has potent anti-arthritis effects on collagen-induced arthritis by modifying the T cell balance. International Immunopharmacology, 2013, 17, 79-87.	3.8	48
30	Augmentation and proliferation of T lymphocytes and Th-1 cytokines by Withania somnifera in stressed mice. International Immunopharmacology, 2006, 6, 1394-1403.	3.8	47
31	The tyrosine kinase inhibitor tyrphostin AG126 reduces activation of inflammatory cells and increases Foxp3+ regulatory T cells during pathogenesis of rheumatoid arthritis. Molecular Immunology, 2016, 78, 65-78.	2.2	47
32	Differential regulation of Nrf2 is linked to elevated inflammation and oxidative stress in monocytes of children with autism. Psychoneuroendocrinology, 2020, 113, 104554.	2.7	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. European Journal of Pharmacology, 2020, 877, 173088.	3.5	47
34	Immunosuppressive properties of an ethyl acetate fraction from Euphorbia royleana. Journal of Ethnopharmacology, 2005, 99, 185-192.	4.1	46
35	Proteinase activated receptor-2-mediated dual oxidase up-regulation is involved in enhanced airway reactivity and inflammation in a mouse model of allergic asthma. Immunology, 2015, 145, 391-403.	4.4	46
36	Imbalance between the anti- and pro-inflammatory milieu in blood leukocytes of autistic children. Molecular Immunology, 2017, 82, 57-65.	2.2	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.	2.6	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.	4.8	46
39	Involvement of histamine 4 receptor in the pathogenesis and progression of rheumatoid arthritis. <i>International Immunology</i> , 2014, 26, 325-340.	4.0	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.	2.2	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.	4.4	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.	3.2	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.	4.8	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.	3.8	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.	0.8	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.	3.4	43
47	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.	2.7	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.	2.8	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.	2.2	38
50	Toll-like receptors, NF- κ 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.	4.8	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.	3.8	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.	2.6	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.	2.5	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.	3.8	35

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55	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, 141-155.	3.1	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.	4.8	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.	4.8	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.	5.6	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.	3.8	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.	7.5	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.	3.8	33
62	Activation of adenosine A2A receptor signaling regulates the expression of cytokines associated with immunologic dysfunction in BTBR T + lpr3 tf/J mice. <i>Molecular and Cellular Neurosciences</i> , 2017, 82, 76-87.	2.2	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.	2.6	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.	3.6	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.	1.9	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.	1.9	31
67	Chemokine Receptor 5 Antagonism Causes Reduction in Joint Inflammation in a Collagen-Induced Arthritis Mouse Model. <i>Molecules</i> , 2021, 26, 1839.	3.8	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.	3.8	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.	3.8	29
70	Attenuation of the progression of adjuvant-induced arthritis by 3-aminobenzamide treatment. <i>International Immunopharmacology</i> , 2014, 19, 52-59.	3.8	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.	2.7	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.	2.3	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.	5.6	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.	3.5	27
75	Exposure to the plasticizer, Di-(2-ethylhexyl) phthalate during juvenile period exacerbates autism-like behavior in adult BTBR T ^A /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.	4.8	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.	6.4	25
77	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.	2.8	25
78	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.	3.8	25
79	Ubiquitous plasticizer, Di-(2-ethylhexyl) phthalate enhances existing inflammatory profile in monocytes of children with autism. <i>Toxicology</i> , 2020, 446, 152597.	4.2	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.	4.5	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.	2.2	25
82	β -1,3-Glucan reverses aflatoxin B1-mediated suppression of immune responses in mice. <i>Life Sciences</i> , 2016, 152, 1-13.	4.3	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.	4.8	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.	3.8	23
85	Immunomodulatory activity of isoflavones isolated from <i>Iris germanica</i> (Iridaceae) on T-lymphocytes and cytokines. <i>Phytotherapy Research</i> , 2009, 23, 428-433.	5.8	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.	1.8	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.	3.8	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.	4.4	22
89	Inhibition of spleen tyrosine kinase signaling protects against acute lung injury through blockade of NADPH oxidase and IL-17A in neutrophils and β 1 T cells respectively in mice. <i>International Immunopharmacology</i> , 2019, 68, 39-47.	3.8	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.	2.6	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.	3.8	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.	2.3	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.	3.6	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.	4.0	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.	2.9	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.	4.4	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.	7.1	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.	2.8	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.	3.8	20
100	Alleviation of Aflatoxin B1-induced Genomic Damage by Proanthocyanidins <i>via</i> Modulation of DNA Repair. <i>Journal of Biochemical and Molecular Toxicology</i> , 2016, 30, 559-566.	3.0	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.	3.0	19
102	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.	2.7	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.	2.8	18
104	Elevated IL-16 expression is associated with development of immune dysfunction in children with autism. <i>Psychopharmacology</i> , 2019, 236, 831-838.	3.1	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.	2.0	17
106	Antimicrobial, anticancer, and antioxidant compounds from <i>Premna resinosa</i> growing in Saudi Arabia. <i>Pharmaceutical Biology</i> , 2017, 55, 1759-1766.	2.9	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.	4.1	17
108	Downregulation of pro-inflammatory cytokines by lupeol measured using cytometric bead array immunoassay. <i>Phytotherapy Research</i> , 2010, 24, 9-13.	5.8	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.	4.0	16
110	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.	3.0	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.	3.0	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.	2.6	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.	2.8	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.	3.8	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.	3.3	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.	3.8	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.	4.3	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.	2.2	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.	2.3	14
120	Liver Tumor Localization Based on YOLOv3 and 3D-Semantic Segmentation Using Deep Neural Networks. <i>Diagnostics</i> , 2022, 12, 823.	2.6	14
121	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.	3.8	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.	3.1	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.	3.0	12
124	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.	3.0	12
125	TNF- α inhibitory effect of <i>Euphorbia hirta</i> in rats. <i>Pharmaceutical Biology</i> , 2013, 51, 411-417.	2.9	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.	3.0	11

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127	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.	4.8	11
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.	3.5	11
129	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.	3.0	11
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