List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Imbalance in pro-inflammatory and anti-inflammatory cytokines milieu in B cells of children with autism. Molecular Immunology, 2022, 141, 297-304. | 2.2 | 25 |
| 2 | Cathepsin B inhibitor alleviates Th1, Th17, and Th22 transcription factor signaling dysregulation in experimental autoimmune encephalomyelitis. Experimental Neurology, 2022, 351, 113997. | 4.1 | 17 |
| 3 | Myricetin (3,3 [′] ,4 [′] ,5,5 [′] ,7-hexahydroxyflavone) prevents ethanol-induced biochemical and inflammatory damage in the liver of Wistar rats. Human and Experimental Toxicology, 2022, 41, 096032712110668. | 2.2 | 3 |
| 4 | Liver Tumor Localization Based on YOLOv3 and 3D-Semantic Segmentation Using Deep Neural Networks. Diagnostics, 2022, 12, 823. | 2.6 | 14 |
| 5 | Methylmercury chloride exposure exacerbates existing neurobehavioral and immune dysfunctions in the BTBR T+ Itpr3tf/J mouse model of autism. Immunology Letters, 2022, 244, 19-27. | 2.5 | 7 |
| 6 | CCR1 antagonist ameliorates experimental autoimmune encephalomyelitis by inhibition of Th9/Th22-related markers in the brain and periphery. Molecular Immunology, 2022, 144, 127-137. | 2.2 | 10 |
| 7 | Dysregulated Nrf2 signaling in response to di(2-ethylhexyl) phthalate in neutrophils of children with autism. International Immunopharmacology, 2022, 106, 108619. | 3.8 | 9 |
| 8 | Acetyl-11-keto-Î ² -boswellic acid improves clinical symptoms through modulation of Nrf2 and NF-κB pathways in SJL/J mouse model of experimental autoimmune encephalomyelitis. International Immunopharmacology, 2022, 107, 108703. | 3.8 | 13 |
| 9 | Lead Nitrate Induces Inflammation and Apoptosis in Rat Lungs Through the Activation of NF-κB and AhR Signaling Pathways. Environmental Science and Pollution Research, 2022, 29, 64959-64970. | 5.3 | 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. Cellular Immunology, 2022, 376, 104531. | 3.0 | 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. Pharmacology Biochemistry and Behavior, 2022, 217, 173408. | 2.9 | 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. Applied Sciences (Switzerland), 2022, 12, 5998. | 2.5 | 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. Immunobiology, 2022, 227, 152245. | 1.9 | 5 |
| 14 | Lead (Pb) exposure exacerbates behavioral and immune abnormalities by upregulating Th17 and NF-κB-related signaling in BTBR T+ Itpr3tf/J autistic mouse model. NeuroToxicology, 2022, 91, 340-348. | 3.0 | 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+ ltpr3tf/J mice. NeuroToxicology, 2021, 82, 9-17. | 3.0 | 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. International Immunopharmacology, 2021, 90, 107123. | 3.8 | 29 |
| 17 | The MAP kinase inhibitor PD98059 reduces chromosomal instability in the autoimmune encephalomyelitis SJL/J-mouse model of multiple sclerosis. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2021, 861-862, 503278. | 1.7 | 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. Brain Sciences, 2021, 11, 249. | 2.3 | 14 |

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|----|---|-----|-----------|
| 19 | Dysregulation of Ki-67 Expression in T Cells of Children with Autism Spectrum Disorder. Children, 2021, 8, 116. | 1.5 | 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. International Immunopharmacology, 2021, 91, 107323. | 3.8 | 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. World Journal of Gastroenterology, 2021, 27, 592-608. | 3.3 | 15 |
| 22 | Chemokine Receptor 5 Antagonism Causes Reduction in Joint Inflammation in a Collagen-Induced Arthritis Mouse Model. Molecules, 2021, 26, 1839. | 3.8 | 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. Pharmaceutics, 2021, 13, 925. | 4.5 | 25 |
| 24 | Exposure to the plasticizer, Di-(2-ethylhexyl) phthalate during juvenile period exacerbates autism-like behavior in adult BTBR TÂ+Âtf/J mice due to DNA hypomethylation and enhanced inflammation in brain and systemic immune cells. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2021, 109, 110249. | 4.8 | 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. International Immunopharmacology, 2021, 99, 108028. | 3.8 | 15 |
| 26 | Genetic characterization and assessment of diversity in Pandharpuri buffalo breed of India using heterologous microsatellite markers. Animal Biotechnology, 2020, 31, 426-431. | 1.5 | 6 |
| 27 | Genetic parameters of pre-weaning weights in crossbred piglets using multi-trait animal model. Tropical Animal Health and Production, 2020, 52, 109-114. | 1.4 | 8 |
| 28 | Dysregulation in IL-6 receptors is associated with upregulated IL-17A related signaling in CD4+ T cells of children with autism. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2020, 97, 109783. | 4.8 | 44 |
| 29 | Differential regulation of Nrf2 is linked to elevated inflammation and nitrative stress in monocytes of children with autism. Psychoneuroendocrinology, 2020, 113, 104554. | 2.7 | 47 |
| 30 | C-C motif chemokine receptor 6-mediated pro-inflammatory mediator expression is associated with immune dysfunction in children with autism. Research in Autism Spectrum Disorders, 2020, 71, 101500. | 1.5 | 1 |
| 31 | Evaluation of DNA repair efficiency in autistic children by molecular cytogenetic analysis and transcriptome profiling. DNA Repair, 2020, 85, 102750. | 2.8 | 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. NeuroToxicology, 2020, 77, 1-11. | 3.0 | 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. Biochimie, 2020, 179, 146-156. | 2.6 | 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. Chemical Physics Letters, 2020, 755, 137818. | 2.6 | 7 |
| 35 | Ubiquitous plasticizer, Di-(2-ethylhexyl) phthalate enhances existing inflammatory profile in monocytes of children with autism. Toxicology, 2020, 446, 152597. | 4.2 | 25 |
| 36 | Upregulation of interleukin (IL)-31, a cytokine producing CXCR1 peripheral immune cells, contributes to the immune abnormalities of autism spectrum disorder. Journal of Neuroimmunology, 2020, 349, 577430. | 2.3 | 10 |

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|----|---|-----|-----------|
| 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. ACS Omega, 2020, 5, 19165-19173. | 3.5 | 52 |
| 38 | 3-Aminobenzamide alleviates elevated DNA damage and DNA methylation in a BTBR T+ltpr3/J mouse model of autism by enhancing repair gene expression. Pharmacology Biochemistry and Behavior, 2020, 199, 173057. | 2.9 | 3 |
| 39 | Elevated expression of toll-like receptor 4 is associated with NADPH oxidase-induced oxidative stress in B cells of children with autism. International Immunopharmacology, 2020, 84, 106555. | 3.8 | 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. Saudi Pharmaceutical Journal, 2020, 28, 621-629. | 2.7 | 19 |
| 41 | Vorinostat is genotoxic and epigenotoxic in the mouse bone marrow cells at the human equivalent doses. Toxicology, 2020, 441, 152507. | 4.2 | 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. International Immunopharmacology, 2020, 83, 106369. | 3.8 | 38 |
| 43 | CXC chemokine receptor 3 antagonist AMG487 shows potent anti-arthritic effects on collagen-induced arthritis by modifying B cell inflammatory profile. Immunology Letters, 2020, 225, 74-81. | 2.5 | 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. International Immunopharmacology, 2020, 80, 106215. | 3.8 | 44 |
| 45 | 5-aminoisoquinolinone attenuates social behavior deficits and immune abnormalities in the BTBR T+ Itpr3tf/J mouse model for autism. Pharmacology Biochemistry and Behavior, 2020, 189, 172859. | 2.9 | 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. European Journal of Pharmacology, 2020, 877, 173088. | 3.5 | 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. International Immunopharmacology, 2020, 83, 106466. | 3.8 | 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. International Immunopharmacology, 2020, 84, 106494. | 3.8 | 23 |
| 49 | Upregulation of enzymatic antioxidants in CD4+ T cells of autistic children. Biochimie, 2020, 171-172, 205-212. | 2.6 | 9 |
| 50 | Dysregulated enzymatic antioxidant network in peripheral neutrophils and monocytes in children with autism. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2019, 88, 352-359. | 4.8 | 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. Brain Research Bulletin, 2019, 152, 27-34. | 3.0 | 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. Life Sciences, 2019, 237, 116930. | 4.3 | 14 |
| 53 | CXCR3 antagonist AMG487 suppresses rheumatoid arthritis pathogenesis and progression by shifting the Th17/Treg cell balance. Cellular Signalling, 2019, 64, 109395. | 3.6 | 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. Pharmacological Research, 2019, 148, 104441. | 7.1 | 20 |

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|----|---|-----|-----------|
| 55 | The histamine-4 receptor antagonist JNJ7777120 prevents immune abnormalities by inhibiting RORÎ ³ t/T-bet transcription factor signaling pathways in BTBR T+ Itpr3tf/J mice exposed to gamma rays. Molecular Immunology, 2019, 114, 561-570. | 2.2 | 10 |
| 56 | DAPTA, a C-C chemokine receptor 5 (CCR5) antagonist attenuates immune aberrations by downregulating Th9/Th17 immune responses in BTBR T+ ltpr3tf/J mice. European Journal of Pharmacology, 2019, 846, 100-108. | 3.5 | 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. European Journal of Pharmacology, 2019, 855, 276-284. | 3.5 | 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. Chemico-Biological Interactions, 2019, 304, 52-60. | 4.0 | 21 |
| 59 | Nano-erythrocyte membrane-chaperoned 5-fluorouracil liposomes as biomimetic delivery platforms to target hepatocellular carcinoma cell lines . Artificial Cells, Nanomedicine and Biotechnology, 2019, 47, 989-996. | 2.8 | 20 |
| 60 | Genetic and epigenetic alterations induced by the small-molecule panobinostat: A mechanistic study at the chromosome and gene levels. DNA Repair, 2019, 78, 70-80. | 2.8 | 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. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2019, 93, 189-196. | 4.8 | 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. Behavioural Brain Research, 2019, 364, 213-224. | 2.2 | 62 |
| 63 | Inhibition of spleen tyrosine kinase attenuates psoriasis-like inflammation in mice through blockade of dendritic cell-Th17 inflammation axis. Biomedicine and Pharmacotherapy, 2019, 111, 347-358. | 5.6 | 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. Biochimie, 2019, 158, 102-110. | 2.6 | 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. Molecular Immunology, 2019, 106, 77-86. | 2.2 | 14 |
| 66 | Oxidative and inflammatory mediators are upregulated in neutrophils of autistic children: Role of IL-17A receptor signaling. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2019, 90, 204-211. | 4.8 | 46 |
| 67 | Elevated IL-16 expression is associated with development of immune dysfunction in children with autism. Psychopharmacology, 2019, 236, 831-838. | 3.1 | 18 |
| 68 | Inhibition of spleen tyrosine kinase signaling protects against acute lung injury through blockade of NADPH oxidase and IL-17A in neutrophils and γδT cells respectively in mice. International Immunopharmacology, 2019, 68, 39-47. | 3.8 | 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†+â€`tf/J mice. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2019, 89, 245-253. | 4.8 | 50 |
| 70 | Resveratrol Improves Neuroimmune Dysregulation Through the Inhibition of Neuronal Toll-Like Receptors and COX-2 Signaling in BTBR T+ Itpr3tf/J Mice. NeuroMolecular Medicine, 2018, 20, 133-146. | 3.4 | 43 |
| 71 | 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 |
| 72 | Systemic inflammation in asocial BTBR T + tf/J mice predisposes them to increased psoriatic inflammation. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2018, 83, 8-17. | 4.8 | 35 |

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|----|--|-----|-----------|
| 73 | Glucose-6-phosphate dehydrogenase inhibition attenuates acute lung injury through reduction in NADPH oxidase-derived reactive oxygen species. Clinical and Experimental Immunology, 2018, 191, 279-287. | 2.6 | 36 |
| 74 | Downregulation in Helios transcription factor signaling is associated with immune dysfunction in blood leukocytes of autistic children. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2018, 85, 98-104. | 4.8 | 11 |
| 75 | Short chain fatty acid, acetate ameliorates sepsis-induced acute kidney injury by inhibition of NADPH oxidase signaling in T cells. International Immunopharmacology, 2018, 58, 24-31. | 3.8 | 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. Environmental Research, 2018, 164, 327-339. | 7.5 | 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. Molecular Neurobiology, 2018, 55, 2603-2616. | 4.0 | 16 |
| 78 | Upregulation of peripheral CXC and CC chemokine receptor expression on CD4 + T cells is associated with immune dysregulation in children with autism. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2018, 81, 211-220. | 4.8 | 24 |
| 79 | Activation of IL-17 receptor leads to increased oxidative inflammation in peripheral monocytes of autistic children. Brain, Behavior, and Immunity, 2018, 67, 335-344. | 4.1 | 65 |
| 80 | IL-17A-induced neutrophilic airway inflammation is mediated by oxidant-antioxidant imbalance and inflammatory cytokines in mice. Biomedicine and Pharmacotherapy, 2018, 107, 1196-1204. | 5.6 | 27 |
| 81 | Dysregulation of the expression of HLA-DR, costimulatory molecule, and chemokine receptors on immune cells in children with autism. International Immunopharmacology, 2018, 65, 360-365. | 3.8 | 9 |
| 82 | S3I-201, a selective Stat3 inhibitor, restores neuroimmune function through upregulation of Treg signaling in autistic BTBR T+ ltpr3tf/J mice. Cellular Signalling, 2018, 52, 127-136. | 3.6 | 21 |
| 83 | The PPARÎ [^] agonist GW0742 restores neuroimmune function by regulating Tim-3 and Th17/Treg-related signaling in the BTBR autistic mouse model. Neurochemistry International, 2018, 120, 251-261. | 3.8 | 25 |
| 84 | Protection by tyrosine kinase inhibitor, tyrphostin AG126, through the suppression of IL-17A, RORγt, and T-bet signaling, in the BTBR mouse model of autism. Brain Research Bulletin, 2018, 142, 328-337. | 3.0 | 16 |
| 85 | Inhibition of BET bromodomains restores corticosteroid responsiveness in a mixed granulocytic mouse model of asthma. Biochemical Pharmacology, 2018, 154, 222-233. | 4.4 | 22 |
| 86 | Investigation of belinostat-induced genomic instability by molecular cytogenetic analysis and pathway-focused gene expression profiling. Toxicology and Applied Pharmacology, 2018, 350, 43-51. | 2.8 | 9 |
| 87 | Toll-like receptor 4 signaling is associated with upregulated NADPH oxidase expression in peripheral T cells of children with autism. Brain, Behavior, and Immunity, 2017, 61, 146-154. | 4.1 | 73 |
| 88 | Sinapic acid ameliorate cadmium-induced nephrotoxicity: In vivo possible involvement of oxidative stress, apoptosis, and inflammation via NF-κB downregulation. Environmental Toxicology and Pharmacology, 2017, 51, 100-107. | 4.0 | 81 |
| 89 | 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 |
| 90 | Psoriasis-like inflammation leads to renal dysfunction via upregulation of NADPH oxidases and inducible nitric oxide synthase. International Immunopharmacology, 2017, 46, 1-8. | 3.8 | 33 |

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|-----|--|-----|-----------|
| 91 | Adenosine A2A receptor modulates neuroimmune function through Th17/retinoid-related orphan receptor gamma t (RORγt) signaling in a BTBR T + Itpr3 tf /J mouse model of autism. Cellular Signalling, 2017, 36, 14-24. | 3.6 | 53 |
| 92 | Activation of adenosine A2A receptor signaling regulates the expression of cytokines associated with immunologic dysfunction in BTBR T + Itpr3 tf // mice. Molecular and Cellular Neurosciences, 2017, 82, 76-87. | 2.2 | 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. | 3.8 | 21 |
| 94 | Antimicrobial, anticancer, and antioxidant compounds from <i>Premna resinosa</i> growing in Saudi Arabia. Pharmaceutical Biology, 2017, 55, 1759-1766. | 2.9 | 17 |
| 95 | IL-17A causes depression-like symptoms via NFκB and p38MAPK signaling pathways in mice: Implications for psoriasis associated depression. Cytokine, 2017, 97, 14-24. | 3.2 | 114 |
| 96 | Imbalance between the anti- and pro-inflammatory milieu in blood leukocytes of autistic children. Molecular Immunology, 2017, 82, 57-65. | 2.2 | 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. | 1.9 | 31 |
| 98 | Psoriatic inflammation enhances allergic airway inflammation through IL-23/STAT3 signaling in a murine model. Biochemical Pharmacology, 2017, 124, 69-82. | 4.4 | 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. | 3.1 | 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. | 2.3 | 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. | 4.8 | 51 |
| 102 | Toll-like receptors, NF-κB, 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. | 4.8 | 38 |
| 103 | Resveratrol Ameliorates Dysregulation of Th1, Th2, Th17, and T Regulatory Cell-Related Transcription Factor Signaling in a BTBR TÂ+Âtf/J Mouse Model of Autism. Molecular Neurobiology, 2017, 54, 5201-5212. | 4.0 | 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. | 1.9 | 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. | 4.0 | 107 |
| 106 | Utility of Dexrazoxane for the Attenuation of Epirubicin-Induced Genetic Alterations in Mouse Germ Cells. PLoS ONE, 2016, 11, e0163703. | 2.5 | 5 |
| 107 | Alleviation of Aflatoxin B1â€Induced Genomic Damage by Proanthocyanidins <i>via</i> Modulation of DNA Repair. Journal of Biochemical and Molecular Toxicology, 2016, 30, 559-566. | 3.0 | 19 |
| 108 | Thymoquinone inhibits growth of human medulloblastoma cells by inducing oxidative stress and caspase-dependent apoptosis while suppressing NF-ήB signaling and IL-8 expression. Molecular and Cellular Biochemistry, 2016, 416, 141-155. | 3.1 | 35 |

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|-----|---|-----|-----------|
| 109 | Molecular mechanisms of cardiotoxicity of gefitinib in vivo and in vitro rat cardiomyocyte: Role of apoptosis and oxidative stress. Toxicology Letters, 2016, 252, 50-61. | 0.8 | 43 |
| 110 | Dexamethasone Attenuates LPS-induced Acute Lung Injury through Inhibition of NF-κB, COX-2, and Pro-inflammatory Mediators. Immunological Investigations, 2016, 45, 349-369. | 2.0 | 92 |
| 111 | The tyrosine kinase inhibitor tyrphostin AG126 reduces activation of inflammatory cells and increases Foxp3+ regulatory T cells during pathogenesis of rheumatoid arthritis. Molecular Immunology, 2016, 78, 65-78. | 2.2 | 47 |
| 112 | Resveratrol treatment attenuates chemokine receptor expression in the BTBR T + tf/J mouse model of autism. Molecular and Cellular Neurosciences, 2016, 77, 1-10. | 2.2 | 45 |
| 113 | Sinapic acid mitigates gentamicin-induced nephrotoxicity and associated oxidative/nitrosative stress, apoptosis, and inflammation in rats. Life Sciences, 2016, 165, 1-8. | 4.3 | 65 |
| 114 | IQCAP1 gene silencing induces apoptosis and decreases the invasive capacity of human hepatocellular carcinoma cells. Tumor Biology, 2016, 37, 13927-13939. | 1.8 | 22 |
| 115 | ID2 mediates the transforming growth factor-β1-induced Warburg-like effect seen in the peritoneum of women with endometriosis. Molecular Human Reproduction, 2016, 22, 648-654. | 2.8 | 25 |
| 116 | Apremilast reversed carfilzomib-induced cardiotoxicity through inhibition of oxidative stress, NF-κB and MAPK signaling in rats. Toxicology Mechanisms and Methods, 2016, 26, 700-708. | 2.7 | 41 |
| 117 | β-1,3-Glucan reverses aflatoxin B1-mediated suppression of immune responses in mice. Life Sciences, 2016, 152, 1-13. | 4.3 | 24 |
| 118 | TLR-7 agonist attenuates airway reactivity and inflammation through Nrf2-mediated antioxidant protection in a murine model of allergic asthma. International Journal of Biochemistry and Cell Biology, 2016, 73, 53-62. | 2.8 | 41 |
| 119 | Airway oxidative stress causes vascular and hepatic inflammation via upregulation of IL-17A in a murine model of allergic asthma. International Immunopharmacology, 2016, 34, 173-182. | 3.8 | 22 |
| 120 | Impact of dexrazoxane on doxorubicin-induced aneuploidy in somatic and germinal cells of male mice. Cancer Chemotherapy and Pharmacology, 2016, 77, 27-33. | 2.3 | 10 |
| 121 | Dexrazoxane mitigates epirubicin-induced genotoxicity in mice bone marrow cells. Mutagenesis, 2016, 31, 137-145. | 2.6 | 6 |
| 122 | Proteinase activated receptorâ€2â€mediated dual oxidaseâ€2 upâ€regulation is involved in enhanced airway reactivity and inflammation in a mouse model of allergic asthma. Immunology, 2015, 145, 391-403. | 4.4 | 46 |
| 123 | Dominant lethal effects of nocodazole in germ cells of male mice. Food and Chemical Toxicology, 2015, 77, 101-104. | 3.6 | 6 |
| 124 | Stimulation of the histamine 4 receptor with 4-methylhistamine modulates the effects of chronic stress on the Th1/Th2 cytokine balance. Immunobiology, 2015, 220, 341-349. | 1.9 | 31 |
| 125 | Regulation of TNF-α and NF-κB activation through the JAK/STAT signaling pathway downstream of histamine 4 receptor in a rat model of LPS-induced joint inflammation. Immunobiology, 2015, 220, 889-898. | 1.9 | 89 |
| 126 | Mitogen-Activated Protein Kinases Pathways Mediate the Sunitinib-Induced Hypertrophy in Rat Cardiomyocyte H9c2 Cells. Cardiovascular Toxicology, 2015, 15, 41-51. | 2.7 | 27 |

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|-----|--|-----|-----------|
| 127 | Imiquimod-induced psoriasis-like skin inflammation is suppressed by BET bromodomain inhibitor in mice through RORC/IL-17A pathway modulation. Pharmacological Research, 2015, 99, 248-257. | 7.1 | 98 |
| 128 | Oxidative airway inflammation leads to systemic and vascular oxidative stress in a murine model of allergic asthma. International Immunopharmacology, 2015, 26, 237-245. | 3.8 | 35 |
| 129 | Diosmin downregulates the expression of T cell receptors, pro-inflammatory cytokines and NF-κB activation against LPS-induced acute lung injury in mice. Pharmacological Research, 2015, 102, 1-11. | 7.1 | 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. Journal of Medicinal Chemistry, 2015, 58, 8850-8867. | 6.4 | 25 |
| 131 | Histamine 4 receptor promotes expression of costimulatory B7.1/B7.2 molecules, CD28 signaling and cytokine production in stress-induced immune responses. Journal of Neuroimmunology, 2015, 289, 30-42. | 2.3 | 27 |
| 132 | Selective modulation of the prostaglandin F2α pathway markedly impacts on endometriosis progression in a xenograft mouse model. Molecular Human Reproduction, 2015, 21, 905-916. | 2.8 | 15 |
| 133 | The role of poly(ADP-ribose) polymerase-1 inhibitor in carrageenan-induced lung inflammation in mice. Molecular Immunology, 2015, 63, 394-405. | 2.2 | 38 |
| 134 | Naringin Attenuates the Development of Carrageenan-Induced Acute Lung Inflammation Through Inhibition of NF-κb, STAT3 and Pro-Inflammatory Mediators and Enhancement of IκBα and Anti-Inflammatory Cytokines. Inflammation, 2015, 38, 846-857. | 3.8 | 53 |
| 135 | Gene expression of IQGAPs and Ras families in an experimental mouse model for hepatocellular carcinoma: a mechanistic study of cancer progression. International Journal of Clinical and Experimental Pathology, 2015, 8, 8821-31. | 0.5 | 8 |
| 136 | Honey bee is a potential antioxidant against cyclophosphamide-induced genotoxicity in albino male mice. Pakistan Journal of Pharmaceutical Sciences, 2015, 28, 973-81. | 0.2 | 6 |
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