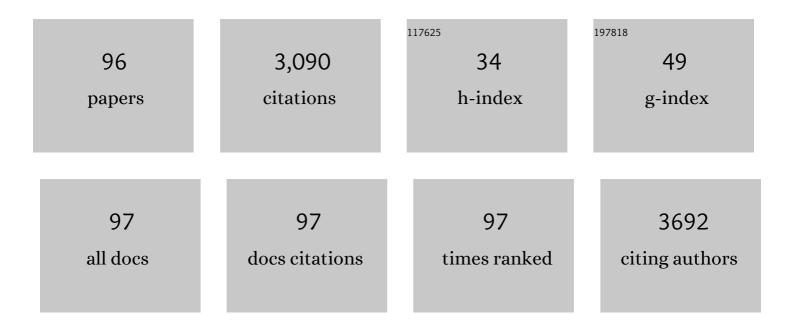
## Mushtaq Ahmad Ansari

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Sinapic acid ameliorates cardiac dysfunction and cardiomyopathy by modulating NF-κB and Nrf2/HO-1 signaling pathways in streptozocin induced diabetic rats. Biomedicine and Pharmacotherapy, 2022, 145, 112412.	5.6	27
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	Methylmercury chloride exposure exacerbates existing neurobehavioral and immune dysfunctions in the BTBR T+ ltpr3tf/J mouse model of autism. Immunology Letters, 2022, 244, 19-27.	2.5	7
4	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
5	Cytochrome P450 3A2 and PGP-MDR1-Mediated Pharmacokinetic Interaction of Sinapic Acid with Ibrutinib in Rats: Potential Food/Herb–Drug Interaction. Processes, 2022, 10, 1066.	2.8	1
6	Sinapic Acid Ameliorates Acetic Acid-Induced Ulcerative Colitis in Rats by Suppressing Inflammation, Oxidative Stress, and Apoptosis. Molecules, 2022, 27, 4139.	3.8	19
7	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. NeuroToxicology, 2021, 82, 9-17.	3.0	16
8	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
9	Gastroprotective Effect of Sinapic Acid on Ethanol-Induced Gastric Ulcers in Rats: Involvement of Nrf2/HO-1 and NF-κB Signaling and Antiapoptotic Role. Frontiers in Pharmacology, 2021, 12, 622815.	3.5	52
10	Dysregulation of Ki-67 Expression in T Cells of Children with Autism Spectrum Disorder. Children, 2021, 8, 116.	1.5	7
11	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
12	Chemokine Receptor 5 Antagonism Causes Reduction in Joint Inflammation in a Collagen-Induced Arthritis Mouse Model. Molecules, 2021, 26, 1839.	3.8	30
13	Sinapic acid mitigates methotrexateâ€induced hepatic injuries in rats through modulation of Nrfâ€2/ HO â€1 signaling. Environmental Toxicology, 2021, 36, 1261-1268.	4.0	10
14	Effects of arbuscular mycorrhizal fungi and P-solubilizing Pseudomonas fluorescence (ATCC-17400) on morphological traits and mineral content of sesame. Saudi Journal of Biological Sciences, 2021, 28, 2649-2654.	3.8	12
15	Role of carnitine in regulation of blood pressure (MAP/SBP) and gene expression of cardiac hypertrophy markers (α/Î2â€MHC) during insulinâ€induced hypoglycaemia: Role of oxidative stress. Clinical and Experimental Pharmacology and Physiology, 2021, 48, 478-489.	1.9	4
16	Eudragit-Coated Sporopollenin Exine Microcapsules (SEMC) of Phoenix dactylifera L. of 5-Fluorouracil for Colon-Specific Drug Delivery. Pharmaceutics, 2021, 13, 1921.	4.5	10
17	Evaluation of DNA repair efficiency in autistic children by molecular cytogenetic analysis and transcriptome profiling. DNA Repair, 2020, 85, 102750.	2.8	10
18	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

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19	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
20	3-Aminobenzamide alleviates elevated DNA damage and DNA methylation in a BTBR T+Itpr3/J mouse model of autism by enhancing repair gene expression. Pharmacology Biochemistry and Behavior, 2020, 199, 173057.	2.9	3
21	Vorinostat is genotoxic and epigenotoxic in the mouse bone marrow cells at the human equivalent doses. Toxicology, 2020, 441, 152507.	4.2	10
22	Sinapic Acid Ameliorates Oxidative Stress, Inflammation, and Apoptosis in Acute Doxorubicin-Induced Cardiotoxicity via the NF- <i>ΰ</i> B-Mediated Pathway. BioMed Research International, 2020, 2020, 1-10.	1.9	42
23	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
24	Thymoquinone treatment modulates the Nrf2/HO-1 signaling pathway and abrogates the inflammatory response in an animal model of lung fibrosis. Experimental Lung Research, 2020, 46, 53-63.	1.2	30
25	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
26	Naringenin Regulates Doxorubicin-Induced Liver Dysfunction: Impact on Oxidative Stress and Inflammation. Plants, 2020, 9, 550.	3.5	54
27	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
28	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
29	Metformin attenuates leadâ€induced inflammatory and apoptotic lung injury through modulation of P53 and TNFâ€Î± pathways in rats. FASEB Journal, 2020, 34, 1-1.	0.5	Ο
30	Effect of sinapic acid on aripiprazole pharmacokinetics in rats: Possible food drug interaction. Journal of Food and Drug Analysis, 2019, 27, 332-338.	1.9	10
31	The Stat3 inhibitor, S3I-201, downregulates lymphocyte activation markers, chemokine receptors, and inflammatory cytokines in the BTBR T+ ltpr3tf/J mouse model of autism. Brain Research Bulletin, 2019, 152, 27-34.	3.0	12
32	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+ ltpr3tf/J mice. Life Sciences, 2019, 237, 116930.	4.3	14
33	CXCR3 antagonist AMG487 suppresses rheumatoid arthritis pathogenesis and progression by shifting the Th17/Treg cell balance. Cellular Signalling, 2019, 64, 109395.	3.6	67
34	The histamine-4 receptor antagonist JNJ7777120 prevents immune abnormalities by inhibiting RORγt/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
35	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
36	Protective role of Roflumilast against cadmium-induced cardiotoxicity through inhibition of oxidative stress and NF-IºB signaling in rats. Saudi Pharmaceutical Journal, 2019, 27, 673-681.	2.7	28

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37	Effects of sinapic acid on hepatic cytochrome P450 3A2, 2C11, and intestinal P-glycoprotein on the pharmacokinetics of oral carbamazepine in rats: Potential food/herb-drug interaction. Epilepsy Research, 2019, 153, 14-18.	1.6	13
38	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
39	Beetroot juice alleviates isoproterenol-induced myocardial damage by reducing oxidative stress, inflammation, and apoptosis in rats. 3 Biotech, 2019, 9, 147.	2.2	31
40	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
41	Elevated IL-16 expression is associated with development of immune dysfunction in children with autism. Psychopharmacology, 2019, 236, 831-838.	3.1	18
42	Dasatinib significantly reduced in vivo exposure to cyclosporine in a rat model: The possible involvement of CYP3A induction. Pharmacological Reports, 2019, 71, 201-205.	3.3	7
43	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
44	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
45	Momordica charantia polysaccharides ameliorate oxidative stress, inflammation, and apoptosis in ethanol-induced gastritis in mucosa through NF-kB signaling pathway inhibition. International Journal of Biological Macromolecules, 2018, 111, 193-199.	7.5	109
46	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
47	Apremilast prevent doxorubicin-induced apoptosis and inflammation in heart through inhibition of oxidative stress mediated activation of NF-I°B signaling pathways. Pharmacological Reports, 2018, 70, 993-1000.	3.3	47
48	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
49	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
50	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
51	S3I-201, a selective Stat3 inhibitor, restores neuroimmune function through upregulation of Treg signaling in autistic BTBR T+ Itpr3tf/J mice. Cellular Signalling, 2018, 52, 127-136.	3.6	21
52	Sinapic acid ameliorates bleomycin-induced lung fibrosis in rats. Biomedicine and Pharmacotherapy, 2018, 108, 224-231.	5.6	43
53	The PPARδ 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
54	Protection by tyrosine kinase inhibitor, tyrphostin AG126, through the suppression of IL-17A, RORÎ <sup>3</sup> t, and T-bet signaling, in the BTBR mouse model of autism. Brain Research Bulletin, 2018, 142, 328-337.	3.0	16

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55	Rutin Attenuates Carfilzomib-Induced Cardiotoxicity Through Inhibition of NF-κB, Hypertrophic Gene Expression and Oxidative Stress. Cardiovascular Toxicology, 2017, 17, 58-66.	2.7	55
56	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
57	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
58	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
59	Activation of adenosine A2A receptor signaling regulates the expression of cytokines associated with immunologic dysfunction in BTBR T + Itpr3 tf /J mice. Molecular and Cellular Neurosciences, 2017, 82, 76-87.	2.2	32
60	Imbalance between the anti- and pro-inflammatory milieu in blood leukocytes of autistic children. Molecular Immunology, 2017, 82, 57-65.	2.2	46
61	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
62	Psoriatic inflammation enhances allergic airway inflammation through IL-23/STAT3 signaling in a murine model. Biochemical Pharmacology, 2017, 124, 69-82.	4.4	45
63	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
64	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
65	Nepeta deflersiana attenuates isoproterenol-induced myocardial injuries in rats: Possible involvement of oxidative stress, apoptosis, inflammation through nuclear factor (NF)-κB downregulation. Phytomedicine, 2017, 34, 67-75.	5.3	25
66	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
67	Toll-like receptors, NF-κB, and IL-27 mediate adenosine A2A receptor signaling in BTBR T + Itpr3 tf ∥ mice. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2017, 79, 184-191.	4.8	38
68	Sinapic acid modulates Nrf2/HO-1 signaling pathway in cisplatin-induced nephrotoxicity in rats. Biomedicine and Pharmacotherapy, 2017, 93, 646-653.	5.6	69
69	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
70	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
71	GC-MS-based Metabolomic Profiling of Thymoquinone in Streptozotocin-induced Diabetic Nephropathy in Rats. Natural Product Communications, 2017, 12, 1934578X1701200.	0.5	6
72	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

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73	Differential Effects of Sunitinib on the Expression Profiles of Xenobioticâ€Metabolizing Enzymes and Transporters in Rat Liver and Kidneys. Basic and Clinical Pharmacology and Toxicology, 2016, 119, 173-183.	2.5	7
74	Hepatoprotective activity of Lepidium sativum seeds against D-galactosamine/lipopolysaccharide induced hepatotoxicity in animal model. BMC Complementary and Alternative Medicine, 2016, 16, 501.	3.7	45
75	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
76	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
77	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
78	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
79	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
80	IQCAP1 gene silencing induces apoptosis and decreases the invasive capacity of human hepatocellular carcinoma cells. Tumor Biology, 2016, 37, 13927-13939.	1.8	22
81	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
82	β-1,3-Glucan reverses aflatoxin B1-mediated suppression of immune responses in mice. Life Sciences, 2016, 152, 1-13.	4.3	24
83	Momordica charantia polysaccharides mitigate the progression of STZ induced diabetic nephropathy in rats. International Journal of Biological Macromolecules, 2016, 91, 394-399.	7.5	71
84	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
85	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
86	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
87	Metformin inhibits 7,12-dimethylbenz[a]anthracene-induced breast carcinogenesis and adduct formation in human breast cells by inhibiting the cytochrome P4501A1/aryl hydrocarbon receptor signaling pathway. Toxicology and Applied Pharmacology, 2015, 284, 217-226.	2.8	29
88	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
89	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
90	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

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91	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
92	Biological investigation of a supersaturated self-nanoemulsifying drug delivery system of Piper cubeba essential oil. RSC Advances, 2015, 5, 105206-105217.	3.6	22
93	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
94	Sunitinib Induces Growth Inhibition and Apoptosis in Breast Cancer MDAâ€MBâ€⊋31 Cells through FOXO3a Signaling Pathway. FASEB Journal, 2015, 29, 619.3.	0.5	2
95	The role of aryl hydrocarbon receptor signaling pathway in cardiotoxicity of acute lead intoxication in vivo and in vitro rat model. Toxicology, 2013, 306, 40-49.	4.2	55
96	Analysis of molecular cytogenetic alterations in uterine leiomyosarcoma by array-based comparative genomic hybridization. Journal of Cancer Research and Clinical Oncology, 2012, 138, 1173-1186.	2.5	45