

Sabry M Attia

List of Publications by Year in descending order

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135
papers

4,008
citations

101384

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182168

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136
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136
times ranked

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#	ARTICLE	IF	CITATIONS
1	Deleterious Effects of Reactive Metabolites. <i>Oxidative Medicine and Cellular Longevity</i> , 2010, 3, 238-253.	1.9	140
2	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.	1.4	114
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- κ B, COX-2, and Pro-inflammatory Mediators. <i>Immunological Investigations</i> , 2016, 45, 349-369.	1.0	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.	0.8	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.	2.0	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.	3.1	79
9	Resveratrol Ameliorates Dysregulation of Th1, Th2, Th17, and T Regulatory Cell-Related Transcription Factor Signaling in a BTBR T ^A +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	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
13	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 +Tf/J mice. <i>Behavioural Brain Research</i> , 2019, 364, 213-224.	1.2	62
14	Influence of resveratrol on oxidative damage in genomic DNA and apoptosis induced by cisplatin. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2012, 741, 22-31.	0.9	57
15	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. <i>Cellular Signalling</i> , 2017, 36, 14-24.	1.7	53
16	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
17	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
18	Resveratrol attenuates pro-inflammatory cytokines and activation of JAK1-STAT3 in BTBR T + Itpr3 tf/J autistic mice. <i>European Journal of Pharmacology</i> , 2018, 829, 70-78.	1.7	52

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19	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
20	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 ^a 6 ⁺ tf/J mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 89, 245-253.	2.5	50
21	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
22	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
23	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
24	The impact of quercetin on cisplatin-induced clastogenesis and apoptosis in murine marrow cells. <i>Mutagenesis</i> , 2010, 25, 281-288.	1.0	46
25	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
26	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
27	Synthesis and anticonvulsant evaluation of some novel 4(3H)-quinazolinones. <i>Monatshefte für Chemie</i> , 2011, 142, 837-848.	0.9	45
28	Involvement of histamine 4 receptor in the pathogenesis and progression of rheumatoid arthritis. <i>International Immunology</i> , 2014, 26, 325-340.	1.8	45
29	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
30	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
31	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
32	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
33	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
34	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
35	Proanthocyanidins Produce Significant Attenuation of Doxorubicin-Induced Mutagenicity via Suppression of Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2010, 3, 404-413.	1.9	41
36	The genotoxic and cytotoxic effects of nicotine in the mouse bone marrow. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2007, 632, 29-36.	0.9	38

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37	The role of poly(ADP-ribose) polymerase-1 inhibitor in carrageenan-induced lung inflammation in mice. <i>Molecular Immunology</i> , 2015, 63, 394-405.	1.0	38
38	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.	2.5	38
39	Abatement by naringin of lomefloxacin-induced genomic instability in mice. <i>Mutagenesis</i> , 2008, 23, 515-521.	1.0	37
40	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
41	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.	1.4	35
42	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
43	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
44	Citalopram at the recommended human doses after long-term treatment is genotoxic for male germ cell. <i>Food and Chemical Toxicology</i> , 2013, 53, 281-285.	1.8	32
45	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
46	Molecular cytogenetic evaluation of the mechanism of micronuclei formation induced by camptothecin, topotecan, and irinotecan. <i>Environmental and Molecular Mutagenesis</i> , 2009, 50, 145-151.	0.9	31
47	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
48	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
49	Chromosomal composition of micronuclei in mouse bone marrow treated with rifampicin and nicotine, analyzed by multicolor fluorescence in situ hybridization with pancentromeric DNA probe. <i>Toxicology</i> , 2007, 235, 112-118.	2.0	30
50	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
51	An overview of nanosomes delivery mechanisms: trafficking, orders, barriers and cellular effects. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 669-679.	1.9	29
52	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
53	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
54	Attenuation of the progression of adjuvant-induced arthritis by 3-aminobenzamide treatment. <i>International Immunopharmacology</i> , 2014, 19, 52-59.	1.7	27

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55	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
56	Exposure to the plasticizer, Di-(2-ethylhexyl) phthalate during juvenile period exacerbates autism-like behavior in adult BTBR T ^A +T ^f /J mice due to DNA hypomethylation and enhanced inflammation in brain and systemic immune cells. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 109, 110249.	2.5	27
57	p53, MAPKAPK-2 and caspases regulate nickel oxide nanoparticles induce cell death and cytogenetic anomalies in rats. <i>International Journal of Biological Macromolecules</i> , 2017, 105, 228-237.	3.6	26
58	The chemotherapeutic agents nocodazole and amsacrine cause meiotic delay and non-disjunction in spermatocytes of mice. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2008, 651, 105-113.	0.9	25
59	Molecular cytogenetic evaluation of the mechanism of genotoxic potential of amsacrine and nocodazole in mouse bone marrow cells. <i>Journal of Applied Toxicology</i> , 2013, 33, 426-433.	1.4	25
60	Design and Synthesis of N-Arylphthalimides as Inhibitors of Glucocorticoid-Induced TNF Receptor-Related Protein, Proinflammatory Mediators, and Cytokines in Carrageenan-Induced Lung Inflammation. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 8850-8867.	2.9	25
61	Pravastatin chitosan nanogels-loaded erythrocytes as a new delivery strategy for targeting liver cancer. <i>Saudi Pharmaceutical Journal</i> , 2016, 24, 74-81.	1.2	25
62	Pendimethalin induces oxidative stress, DNA damage, and mitochondrial dysfunction to trigger apoptosis in human lymphocytes and rat bone-marrow cells. <i>Histochemistry and Cell Biology</i> , 2018, 149, 127-141.	0.8	25
63	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.	1.9	25
64	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
65	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
66	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
67	β -1,3-Glucan reverses aflatoxin B1-mediated suppression of immune responses in mice. <i>Life Sciences</i> , 2016, 152, 1-13.	2.0	24
68	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
69	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
70	Use of centromeric and telomeric DNA probes in in situ hybridization for differentiation of micronuclei induced by lomefloxacin. <i>Environmental and Molecular Mutagenesis</i> , 2009, 50, 394-403.	0.9	22
71	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
72	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

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73	Inhibition of spleen tyrosine kinase signaling protects against acute lung injury through blockade of NADPH oxidase and IL-17A in neutrophils and $\beta\gamma$ T cells respectively in mice. <i>International Immunopharmacology</i> , 2019, 68, 39-47.	1.7	22
74	Protection of mouse bone marrow from etoposide-induced genomic damage by dexrazoxane. <i>Cancer Chemotherapy and Pharmacology</i> , 2009, 64, 837-845.	1.1	21
75	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
76	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 + <i>Itpr3^{tf}/J</i> mouse model of autism. <i>Journal of Neuroimmunology</i> , 2017, 311, 59-67.	1.1	21
77	S3I-201, a selective Stat3 inhibitor, restores neuroimmune function through upregulation of Treg signaling in autistic BTBR T+ <i>Itpr3^{tf}/J</i> mice. <i>Cellular Signalling</i> , 2018, 52, 127-136.	1.7	21
78	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
79	5-aminoisoquinolinone attenuates social behavior deficits and immune abnormalities in the BTBR T+ <i>Itpr3^{tf}/J</i> mouse model for autism. <i>Pharmacology Biochemistry and Behavior</i> , 2020, 189, 172859.	1.3	21
80	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
81	Beryllium chloride-induced oxidative DNA damage and alteration in the expression patterns of DNA repair-related genes. <i>Mutagenesis</i> , 2013, 28, 555-559.	1.0	19
82	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
83	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
84	Comparative aneugenicity of doxorubicin and its derivative idarubicin using fluorescence in situ hybridization techniques. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2011, 715, 79-87.	0.4	18
85	Design, synthesis and anticancer activity of some novel thioureido-benzenesulfonamides incorporated biologically active moieties. <i>Chemistry Central Journal</i> , 2016, 10, 19.	2.6	18
86	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
87	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
88	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
89	Dominant lethal mutations of topoisomerase II inhibitors etoposide and merbarone in male mice: a mechanistic study. <i>Archives of Toxicology</i> , 2012, 86, 725-731.	1.9	16
90	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+ <i>Itpr3^{tf}/J</i> Autistic Mouse Model. <i>Molecular Neurobiology</i> , 2018, 55, 2603-2616.	1.9	16

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91	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.	1.4	16
92	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
93	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
94	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
95	Modulation of irinotecan-induced genomic DNA damage by theanine. <i>Food and Chemical Toxicology</i> , 2012, 50, 1749-1754.	1.8	14
96	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
97	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
98	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
99	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.	1.7	13
100	Molecular cytogenetic evaluation of the aneuploidic effects of teniposide in somatic and germinal cells of male mice. <i>Mutagenesis</i> , 2012, 27, 31-39.	1.0	12
101	Comet-FISH studies for evaluation of genetic damage of citalopram in somatic cells of the mouse. <i>Journal of Applied Toxicology</i> , 2013, 33, 901-905.	1.4	12
102	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
103	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
104	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
105	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.	2.5	11
106	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
107	Effect of dihydrokainate on the capacity of repair of DNA damage and apoptosis induced by doxorubicin. <i>Mutagenesis</i> , 2013, 28, 257-261.	1.0	10
108	Chitosan treatment abrogates hypercholesterolemia-induced erythrocyte's arginase activation. <i>Saudi Pharmaceutical Journal</i> , 2017, 25, 120-127.	1.2	10

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109	The histamine-4 receptor antagonist JNJ7777120 prevents immune abnormalities by inhibiting ROR γ t/T-bet transcription factor signaling pathways in BTBR T+ Itpr3tf/J mice exposed to gamma rays. <i>Molecular Immunology</i> , 2019, 114, 561-570.	1.0	10
110	Evaluation of DNA repair efficiency in autistic children by molecular cytogenetic analysis and transcriptome profiling. <i>DNA Repair</i> , 2020, 85, 102750.	1.3	10
111	Upregulation of interleukin (IL)-31, a cytokine producing CXCR1 peripheral immune cells, contributes to the immune abnormalities of autism spectrum disorder. <i>Journal of Neuroimmunology</i> , 2020, 349, 577430.	1.1	10
112	Vorinostat is genotoxic and epigenotoxic in the mouse bone marrow cells at the human equivalent doses. <i>Toxicology</i> , 2020, 441, 152507.	2.0	10
113	CCR1 antagonist ameliorates experimental autoimmune encephalomyelitis by inhibition of Th9/Th22-related markers in the brain and periphery. <i>Molecular Immunology</i> , 2022, 144, 127-137.	1.0	10
114	Dysregulation of the expression of HLA-DR, costimulatory molecule, and chemokine receptors on immune cells in children with autism. <i>International Immunopharmacology</i> , 2018, 65, 360-365.	1.7	9
115	Upregulation of enzymatic antioxidants in CD4+ T cells of autistic children. <i>Biochimie</i> , 2020, 171-172, 205-212.	1.3	9
116	Dysregulated Nrf2 signaling in response to di(2-ethylhexyl) phthalate in neutrophils of children with autism. <i>International Immunopharmacology</i> , 2022, 106, 108619.	1.7	9
117	Selective microemulsion liquid chromatography analysis of dopamine receptor antagonist LE300 and its N-methyl metabolite in mouse sera by using a monolithic silica column. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 989, 104-111.	1.2	8
118	Crosstalk of Nanosystems Induced Extracellular Vesicles as Promising Tools in Biomedical Applications. <i>Journal of Membrane Biology</i> , 2017, 250, 605-616.	1.0	8
119	Gene expression of IQGAPs and Ras families in an experimental mouse model for hepatocellular carcinoma: a mechanistic study of cancer progression. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 8821-31.	0.5	8
120	Development and Validation of an HPLC-UV Detection Assay for the Determination of Clonidine in Mouse Plasma and Its Application to a Pharmacokinetic Study. <i>Molecules</i> , 2020, 25, 4109.	1.7	7
121	Dysregulation of Ki-67 Expression in T Cells of Children with Autism Spectrum Disorder. <i>Children</i> , 2021, 8, 116.	0.6	7
122	The Antiproliferative and Apoptotic Effects of a Novel Quinazoline Carrying Substituted-Sulfonamides: In Vitro and Molecular Docking Study. <i>Molecules</i> , 2022, 27, 981.	1.7	7
123	Novel sulphonamide-bearing methoxyquinazolinone derivatives as anticancer and apoptosis inducers: synthesis, biological evaluation and in silico studies. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2022, 37, 86-99.	2.5	7
124	Methylmercury chloride exposure exacerbates existing neurobehavioral and immune dysfunctions in the BTBR T+ Itpr3tf/J mouse model of autism. <i>Immunology Letters</i> , 2022, 244, 19-27.	1.1	7
125	Dexrazoxane mitigates epirubicin-induced genotoxicity in mice bone marrow cells. <i>Mutagenesis</i> , 2016, 31, 137-145.	1.0	6
126	Development and validation of HPLC-MS/MS method for the determination of lixivaptan in mouse plasma and its application in a pharmacokinetic study. <i>Biomedical Chromatography</i> , 2017, 31, e4007.	0.8	6

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127	CXCR2 antagonist SB332235 mitigates deficits in social behavior and dysregulation of Th1/Th22 and T regulatory cell-related transcription factor signaling in male BTBR T+ Itpr3tf/J mouse model of autism. <i>Pharmacology Biochemistry and Behavior</i> , 2022, 217, 173408.	1.3	6
128	Utility of Dexrazoxane for the Attenuation of Epirubicin-Induced Genetic Alterations in Mouse Germ Cells. <i>PLoS ONE</i> , 2016, 11, e0163703.	1.1	5
129	Cytotoxicity of Newly Synthesized Quinazolineâ€“Sulfonamide Derivatives in Human Leukemia Cell Lines and Their Effect on Hematopoiesis in Zebrafish Embryos. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4720.	1.8	5
130	Selective Analysis of Dopamine Receptor Antagonist LE300 and its N-Methyl Metabolite in Mouse Sera at the Trace Level by HPLCâ€“Fluorescence Detection. <i>Chromatographia</i> , 2015, 78, 655-661.	0.7	4
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132	Validated liquid chromatographicâ€“fluorescence method for the quantitation of darifenacin in mice plasma and its application to a pharmacokinetic study. <i>Talanta</i> , 2014, 121, 37-42.	2.9	3
133	3-Aminobenzamide alleviates elevated DNA damage and DNA methylation in a BTBR T+Itpr3/J mouse model of autism by enhancing repair gene expression. <i>Pharmacology Biochemistry and Behavior</i> , 2020, 199, 173057.	1.3	3
134	The MAP kinase inhibitor PD98059 reduces chromosomal instability in the autoimmune encephalomyelitis SJL/J-mouse model of multiple sclerosis. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2021, 861-862, 503278.	0.9	2
135	A new selective, and sensitive method for the determination of lixivaptan, a vasopressin 2 (V2)-receptor antagonist, in mouse plasma and its application in a pharmacokinetic study. <i>Open Chemistry</i> , 2018, 16, 614-620.	1.0	0