

Prakash S Nagarkatti

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

305
papers

11,096
citations

59
h-index

86
g-index

314
ext. papers

13,060
ext. citations

5.2
avg, IF

6.44
L-index

#	Paper	IF	Citations
305	The Ability of Resveratrol to Attenuate Ovalbumin-Mediated Allergic Asthma Is Associated With Changes in Microbiota Involving the Gut-Lung Axis, Enhanced Barrier Function and Decreased Inflammation in the Lungs.. <i>Frontiers in Immunology</i> , 2022 , 13, 805770	8.4	5
304	Correlational networking guides the discovery of unclustered lanthipeptide protease-encoding genes.. <i>Nature Communications</i> , 2022 , 13, 1647	17.4	1
303	Identification and Biosynthesis of Pro-Inflammatory Sulfonolipids from an Opportunistic Pathogen .. <i>ACS Chemical Biology</i> , 2022 , 17, 1197-1206	4.9	0
302	Long non-coding RNA LINC00926 regulates WNT10B signaling pathway thereby altering inflammatory gene expression in PTSD.. <i>Translational Psychiatry</i> , 2022 , 12, 200	8.6	0
301	Dysregulated TP53 Among PTSD Patients Leads to Downregulation of miRNA let-7a and Promotes an Inflammatory Th17 Phenotype.. <i>Frontiers in Immunology</i> , 2021 , 12, 815840	8.4	0
300	Effects of Orally Administered Cannabidiol on Neuroinflammation and Intestinal Inflammation in the Attenuation of Experimental Autoimmune Encephalomyelitis. <i>Journal of NeuroImmune Pharmacology</i> , 2021 , 1	6.9	4
299	Effects of Acute 2,3,7,8-Tetrachlorodibenzo-p-Dioxin Exposure on the Circulating and Cecal Metabolome Profile. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
298	Cannabinoid Receptor Activation on Haematopoietic Cells and Enterocytes Protects against Colitis. <i>Journal of Crohns and Colitis</i> , 2021 , 15, 1032-1048	1.5	3
297	Regulation of Intestinal Stem Cell Stemness by the Aryl Hydrocarbon Receptor and Its Ligands. <i>Frontiers in Immunology</i> , 2021 , 12, 638725	8.4	3
296	The Endocannabinoid Anandamide Attenuates Acute Respiratory Distress Syndrome by Downregulating miRNA that Target Inflammatory Pathways. <i>Frontiers in Pharmacology</i> , 2021 , 12, 644281	5.6	4
295	Grincamycins P-T: Rearranged Angucyclines from the Marine Sediment-Derived sp. CNZ-748 Inhibit Cell Lines of the Rare Cancer Pseudomyxoma Peritonei. <i>Journal of Natural Products</i> , 2021 , 84, 1638-1648	4.9	2
294	Environmental organophosphate co-exposure in pre-existing systemic inflammation can increase susceptibility to SARS-COV-2 infection in human lung epithelial cells. <i>FASEB Journal</i> , 2021 , 35,	0.9	1
293	Resveratrol-mediated attenuation of superantigen-driven acute respiratory distress syndrome is mediated by microbiota in the lungs and gut. <i>Pharmacological Research</i> , 2021 , 167, 105548	10.2	8
292	Autophagy Controls Nrf2-Mediated Dichotomy in Pressure Overloaded Hearts. <i>Frontiers in Physiology</i> , 2021 , 12, 673145	4.6	0
291	The Ability of AhR Ligands to Attenuate Delayed Type Hypersensitivity Reaction Is Associated With Alterations in the Gut Microbiota. <i>Frontiers in Immunology</i> , 2021 , 12, 684727	8.4	7
290	Computational analysis of deleterious single nucleotide polymorphisms in catechol O-Methyltransferase conferring risk to post-traumatic stress disorder. <i>Journal of Psychiatric Research</i> , 2021 , 138, 207-218	5.2	
289	Skin Mast Cell-Driven Ceramides Drive Early Apoptosis in Pre-Symptomatic Eczema in Mice. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2

288	Discovery of anti-infective adipostatins through bioactivity-guided isolation and heterologous expression of a type III polyketide synthase. <i>Bioorganic Chemistry</i> , 2021 , 112, 104925	5.1	1
287	Extracts of select endemic plants from the Republic of Mauritius exhibiting anti-cancer and immunomodulatory properties. <i>Scientific Reports</i> , 2021 , 11, 4272	4.9	4
286	AhR Ligands Differentially Regulate miRNA-132 Which Targets HMGB1 and to Control the Differentiation of Tregs and Th-17 Cells During Delayed-Type Hypersensitivity Response. <i>Frontiers in Immunology</i> , 2021 , 12, 635903	8.4	6
285	SARS-CoV-2 Impairs Dendritic Cells and Regulates DC-SIGN Gene Expression in Tissues. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
284	Environmental Microcystin exposure in underlying NAFLD-induced exacerbation of neuroinflammation, blood-brain barrier dysfunction, and neurodegeneration are NLRP3 and S100B dependent. <i>Toxicology</i> , 2021 , 461, 152901	4.4	3
283	Targeting AhR as a Novel Therapeutic Modality against Inflammatory Diseases.. <i>International Journal of Molecular Sciences</i> , 2021 , 23,	6.3	3
282	AhR Activation Leads to Alterations in the Gut Microbiome with Consequent Effect on Induction of Myeloid Derived Suppressor Cells in a CXCR2-Dependent Manner. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	9
281	Alterations in the Gut Microbiome and Suppression of Histone Deacetylases by Resveratrol Are Associated with Attenuation of Colonic Inflammation and Protection Against Colorectal Cancer. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	20
280	CYLD exaggerates pressure overload-induced cardiomyopathy via suppressing autolysosome efflux in cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2020 , 145, 59-73	5.8	7
279	Mature Vascular Smooth Muscle Cells, but Not Endothelial Cells, Serve as the Major Cellular Source of Intimal Hyperplasia in Vein Grafts. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020 , 40, 1870-1890	8.4	9
278	Administration of Δ^9 -Tetrahydrocannabinol (THC) Post-Staphylococcal Enterotoxin B Exposure Protects Mice From Acute Respiratory Distress Syndrome and Toxicity. <i>Frontiers in Pharmacology</i> , 2020 , 11, 893	5.6	10
277	Molecules from American Ginseng Suppress Colitis through Nuclear Factor Erythroid-2-Related Factor 2. <i>Nutrients</i> , 2020 , 12,	6.7	4
276	Lipocalin 2 induces neuroinflammation and blood-brain barrier dysfunction through liver-brain axis in murine model of nonalcoholic steatohepatitis. <i>Journal of Neuroinflammation</i> , 2020 , 17, 201	10.1	16
275	Indole-3-carbinol prevents colitis and associated microbial dysbiosis in an IL-22-dependent manner. <i>JCI Insight</i> , 2020 , 5,	9.9	43
274	Immune and microRNA responses to infection and indole-3-carbinol during colitis. <i>World Journal of Gastroenterology</i> , 2020 , 26, 4763-4785	5.6	3
273	Panaxynol, a bioactive component of American ginseng, targets macrophages and suppresses colitis in mice. <i>Oncotarget</i> , 2020 , 11, 2026-2036	3.3	5
272	Pharmacokinetics of Panaxynol in Mice 2020 , 4, 133-143		2
271	Microcystin exposure worsens nonalcoholic fatty liver disease associated ectopic glomerular toxicity via NOX-2-MIR21 axis. <i>Environmental Toxicology and Pharmacology</i> , 2020 , 73, 103281	5.8	4

270	Resveratrol Downregulates miR-31 to Promote T Regulatory Cells during Prevention of TNBS-Induced Colitis. <i>Molecular Nutrition and Food Research</i> , 2020 , 64, e1900633	5.9	19
269	Higher intestinal and circulatory lactate associated NOX2 activation leads to an ectopic fibrotic pathology following microcystin co-exposure in murine fatty liver disease. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2020 , 238, 108854	3.2	2
268	Long Noncoding RNA AW112010 Promotes the Differentiation of Inflammatory T Cells by Suppressing IL-10 Expression through Histone Demethylation. <i>Journal of Immunology</i> , 2020 , 205, 987-993	5.3	13
267	Early microcystin-LR exposure-linked inflammasome activation in mice causes development of fatty liver disease and insulin resistance. <i>Environmental Toxicology and Pharmacology</i> , 2020 , 80, 103457	5.8	7
266	Use of Cannabinoids to Treat Acute Respiratory Distress Syndrome and Cytokine Storm Associated with Coronavirus Disease-2019. <i>Frontiers in Pharmacology</i> , 2020 , 11, 589438	5.6	9
265	Increased H3K4me3 methylation and decreased miR-7113-5p expression lead to enhanced Wnt/ β -catenin signaling in immune cells from PTSD patients leading to inflammatory phenotype. <i>Molecular Medicine</i> , 2020 , 26, 110	6.2	10
264	Emodin reduces Breast Cancer Lung Metastasis by suppressing Macrophage-induced Breast Cancer Cell Epithelial-mesenchymal transition and Cancer Stem Cell formation. <i>Theranostics</i> , 2020 , 10, 8365-8381	12.1	25
263	Protective effects of Δ^9 -tetrahydrocannabinol against enterotoxin-induced acute respiratory distress syndrome are mediated by modulation of microbiota. <i>British Journal of Pharmacology</i> , 2020 , 177, 5078-5095	8.6	14
262	Induction of CD4CD25 Regulatory T Cells from In Vitro Grown Human Mononuclear Cells by Sparteine Sulfate and Harpagoside. <i>Biology</i> , 2020 , 9,	4.9	1
261	From Suppressor T cells to Regulatory T cells: How the Journey That Began with the Discovery of the Toxic Effects of TCDD Led to Better Understanding of the Role of AhR in Immunoregulation. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	11
260	Δ^9 -Tetrahydrocannabinol Prevents Mortality from Acute Respiratory Distress Syndrome through the Induction of Apoptosis in Immune Cells, Leading to Cytokine Storm Suppression. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	18
259	Autophagy Inhibition Enables Nrf2 to Exaggerate the Progression of Diabetic Cardiomyopathy in Mice. <i>Diabetes</i> , 2020 , 69, 2720-2734	0.9	22
258	Activation of Cannabinoid Receptor 2 Prevents Colitis-Associated Colon Cancer through Myeloid Cell De-activation Upstream of IL-22 Production. <i>iScience</i> , 2020 , 23, 101504	6.1	9
257	TLR Antagonism by Sparstolonin B Alters Microbial Signature and Modulates Gastrointestinal and Neuronal Inflammation in Gulf War Illness Preclinical Model. <i>Brain Sciences</i> , 2020 , 10,	3.4	7
256	Tryptamine Attenuates Experimental Multiple Sclerosis Through Activation of Aryl Hydrocarbon Receptor. <i>Frontiers in Pharmacology</i> , 2020 , 11, 619265	5.6	7
255	Combination of Cannabinoids, Δ^9 - Tetrahydrocannabinol and Cannabidiol, Ameliorates Experimental Multiple Sclerosis by Suppressing Neuroinflammation Through Regulation of miRNA-Mediated Signaling Pathways. <i>Frontiers in Immunology</i> , 2019 , 10, 1921	8.4	38
254	Environmental microcystin targets the microbiome and increases the risk of intestinal inflammatory pathology via NOX2 in underlying murine model of Nonalcoholic Fatty Liver Disease. <i>Scientific Reports</i> , 2019 , 9, 8742	4.9	20
253	Analysis of the Deleterious Single Nucleotide Polymorphisms Impact on Estrogen Receptor Alpha-p53 Interaction: A Machine Learning Approach. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	4

252	Cannabinoid Receptor 1 Blockade Attenuates Obesity and Adipose Tissue Type 1 Inflammation Through miR-30e-5p Regulation of Delta-Like-4 in Macrophages and Consequently Downregulation of Th1 Cells. <i>Frontiers in Immunology</i> , 2019 , 10, 1049	8.4	22
251	Computational prediction and in vitro validation of VEGFR1 as a novel protein target for 2,3,7,8-tetrachlorodibenzo-p-dioxin. <i>Scientific Reports</i> , 2019 , 9, 6810	4.9	3
250	The role of gut microbiota in shaping the relapse-remitting and chronic-progressive forms of multiple sclerosis in mouse models. <i>Scientific Reports</i> , 2019 , 9, 6923	4.9	37
249	MicroRNA-92 Expression in CD133 Melanoma Stem Cells Regulates Immunosuppression in the Tumor Microenvironment via Integrin-Dependent Activation of TGF β <i>Cancer Research</i> , 2019 , 79, 3622-3635	10.1	20
248	Resveratrol modulates the gut microbiota to prevent murine colitis development through induction of Tregs and suppression of Th17 cells. <i>Journal of Leukocyte Biology</i> , 2019 , 106, 467-480	6.5	65
247	Role of microRNA in CB1 antagonist-mediated regulation of adipose tissue macrophage polarization and chemotaxis during diet-induced obesity. <i>Journal of Biological Chemistry</i> , 2019 , 294, 7669-7681	5.4	10
246	Resveratrol (3, 5, 4RTrihydroxy-trans-Stilbene) Attenuates a Mouse Model of Multiple Sclerosis by Altering the miR-124/Sphingosine Kinase 1 Axis in Encephalitogenic T Cells in the Brain. <i>Journal of NeuroImmune Pharmacology</i> , 2019 , 14, 462-477	6.9	23
245	Role of miRNA in the regulation of cannabidiol-mediated apoptosis in neuroblastoma cells. <i>Oncotarget</i> , 2019 , 10, 45-59	3.3	20
244	Exogenous PP2A inhibitor exacerbates the progression of nonalcoholic fatty liver disease via NOX2-dependent activation of miR21. <i>American Journal of Physiology - Renal Physiology</i> , 2019 , 317, G408-G428	5.1	11
243	Doxorubicin obliterates mouse ovarian reserve through both primordial follicle atresia and overactivation. <i>Toxicology and Applied Pharmacology</i> , 2019 , 381, 114714	4.6	16
242	Acute and short-term administrations of delta-9-tetrahydrocannabinol modulate major gut metabolomic regulatory pathways in C57BL/6 mice. <i>Scientific Reports</i> , 2019 , 9, 10520	4.9	2
241	Combination of cannabinoids, delta-9-tetrahydrocannabinol (THC) and cannabidiol (CBD), mitigates experimental autoimmune encephalomyelitis (EAE) by altering the gut microbiome. <i>Brain, Behavior, and Immunity</i> , 2019 , 82, 25-35	16.6	45
240	Cannabidiol Regulates Gene Expression in Encephalitogenic T cells Using Histone Methylation and noncoding RNA during Experimental Autoimmune Encephalomyelitis. <i>Scientific Reports</i> , 2019 , 9, 15780	4.9	8
239	Dysbiosis-Associated Enteric Glial Cell Immune-Activation and Redox Imbalance Modulate Tight Junction Protein Expression in Gulf War Illness Pathology. <i>Frontiers in Physiology</i> , 2019 , 10, 1229	4.6	17
238	Prolonged high-fat-diet feeding promotes non-alcoholic fatty liver disease and alters gut microbiota in mice. <i>World Journal of Hepatology</i> , 2019 , 11, 619-637	3.4	50
237	AhR Activation Leads to Massive Mobilization of Myeloid-Derived Suppressor Cells with Immunosuppressive Activity through Regulation of CXCR2 and MicroRNA miR-150-5p and miR-543-3p That Target Anti-Inflammatory Genes. <i>Journal of Immunology</i> , 2019 , 203, 1830-1844	5.3	28
236	AhR Activation by TCDD (2,3,7,8-Tetrachlorodibenzo-p-dioxin) Attenuates Pertussis Toxin-Induced Inflammatory Responses by Differential Regulation of Tregs and Th17 Cells Through Specific Targeting by microRNA. <i>Frontiers in Microbiology</i> , 2019 , 10, 2349	5.7	12
235	MDSCs drive the process of endometriosis by enhancing angiogenesis and are a new potential therapeutic target. <i>European Journal of Immunology</i> , 2018 , 48, 1059-1073	6.1	24

234	Resveratrol protects mice against SEB-induced acute lung injury and mortality by miR-193a modulation that targets TGF- β signalling. <i>Journal of Cellular and Molecular Medicine</i> , 2018 , 22, 2644-2655	5.6	40
233	High circulatory leptin mediated NOX-2-peroxynitrite-miR21 axis activate mesangial cells and promotes renal inflammatory pathology in nonalcoholic fatty liver disease. <i>Redox Biology</i> , 2018 , 17, 1-15	11.3	20
232	The role of gut microbiome and associated metabolome in the regulation of neuroinflammation in multiple sclerosis and its implications in attenuating chronic inflammation in other inflammatory and autoimmune disorders. <i>Immunology</i> , 2018 , 154, 178-185	7.8	37
231	Characterization of Dysregulated miRNA in Peripheral Blood Mononuclear Cells from Ischemic Stroke Patients. <i>Molecular Neurobiology</i> , 2018 , 55, 1419-1429	6.2	28
230	Macrophage depletion using clodronate liposomes decreases tumorigenesis and alters gut microbiota in the AOM/DSS mouse model of colon cancer. <i>American Journal of Physiology - Renal Physiology</i> , 2018 , 314, G22-G31	5.1	59
229	An endogenous aryl hydrocarbon receptor ligand, ITE, induces regulatory T cells and ameliorates experimental colitis. <i>American Journal of Physiology - Renal Physiology</i> , 2018 , 315, G220-G230	5.1	24
228	Withaferin A Associated Differential Regulation of Inflammatory Cytokines. <i>Frontiers in Immunology</i> , 2018 , 9, 195	8.4	27
227	miR-466a Targeting of TGF- β Contributes to FoxP3 Regulatory T Cell Differentiation in a Murine Model of Allogeneic Transplantation. <i>Frontiers in Immunology</i> , 2018 , 9, 688	8.4	16
226	Genistein induces macrophage polarization and systemic cytokine to ameliorate experimental colitis. <i>PLoS ONE</i> , 2018 , 13, e0199631	3.7	45
225	Increased butyrate priming in the gut stalls microbiome associated-gastrointestinal inflammation and hepatic metabolic reprogramming in a mouse model of Gulf War illness. <i>Toxicology and Applied Pharmacology</i> , 2018 , 350, 64-77	4.6	36
224	Cannabidiol Attenuates Experimental Autoimmune Encephalomyelitis Model of Multiple Sclerosis Through Induction of Myeloid-Derived Suppressor Cells. <i>Frontiers in Immunology</i> , 2018 , 9, 1782	8.4	58
223	MicroRNA-30 modulates metabolic inflammation by regulating Notch signaling in adipose tissue macrophages. <i>International Journal of Obesity</i> , 2018 , 42, 1140-1150	5.5	52
222	Evaluation of Cell Proliferation and Apoptosis in Immunotoxicity Testing. <i>Methods in Molecular Biology</i> , 2018 , 1803, 209-230	1.4	4
221	Resveratrol-Mediated Attenuation of Enterotoxin B-Induced Acute Liver Injury Is Associated With Regulation of microRNA and Induction of Myeloid-Derived Suppressor Cells. <i>Frontiers in Microbiology</i> , 2018 , 9, 2910	5.7	11
220	Resveratrol Attenuates Allergic Asthma and Associated Inflammation in the Lungs Through Regulation of miRNA-34a That Targets FoxP3 in Mice. <i>Frontiers in Immunology</i> , 2018 , 9, 2992	8.4	48
219	Comparative analysis of interactions between aryl hydrocarbon receptor ligand binding domain with its ligands: a computational study. <i>BMC Structural Biology</i> , 2018 , 18, 15	2.7	13
218	Differential role of CXCR3 in inflammation and colorectal cancer. <i>Oncotarget</i> , 2018 , 9, 17928-17936	3.3	16
217	Role of MicroRNAs Induced by Chinese Herbal Medicines Against Hepatocellular Carcinoma: A Brief Review. <i>Integrative Cancer Therapies</i> , 2018 , 17, 1059-1067	3	3

216	Diethylstilbestrol (DES) induces autophagy in thymocytes by regulating Beclin-1 expression through epigenetic modulation. <i>Toxicology</i> , 2018 , 410, 49-58	4.4	7
215	Sparstolonin B (SsnB) attenuates liver fibrosis via a parallel conjugate pathway involving P53-P21 axis, TGF-beta signaling and focal adhesion that is TLR4 dependent. <i>European Journal of Pharmacology</i> , 2018 , 841, 33-48	5.3	17
214	Fatty acid amide hydrolase (FAAH) blockade ameliorates experimental colitis by altering microRNA expression and suppressing inflammation. <i>Brain, Behavior, and Immunity</i> , 2017 , 59, 10-20	16.6	24
213	Antibody blockade of CLEC12A delays EAE onset and attenuates disease severity by impairing myeloid cell CNS infiltration and restoring positive immunity. <i>Scientific Reports</i> , 2017 , 7, 2707	4.9	21
212	CD44 deletion leading to attenuation of experimental autoimmune encephalomyelitis results from alterations in gut microbiome in mice. <i>European Journal of Immunology</i> , 2017 , 47, 1188-1199	6.1	32
211	TRPV4 activation of endothelial nitric oxide synthase resists nonalcoholic fatty liver disease by blocking CYP2E1-mediated redox toxicity. <i>Free Radical Biology and Medicine</i> , 2017 , 102, 260-273	7.8	19
210	Decreased AGO2 and DCR1 in PBMCs from War Veterans with PTSD leads to diminished miRNA resulting in elevated inflammation. <i>Translational Psychiatry</i> , 2017 , 7, e1222	8.6	14
209	Deficiency of KLF4 compromises the lung function in an acute mouse model of allergic asthma. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 493, 598-603	3.4	7
208	Blockade of CB1 cannabinoid receptor alters gut microbiota and attenuates inflammation and diet-induced obesity. <i>Scientific Reports</i> , 2017 , 7, 15645	4.9	76
207	The protective effects of resveratrol on social stress-induced cytokine release and depressive-like behavior. <i>Brain, Behavior, and Immunity</i> , 2017 , 59, 147-157	16.6	54
206	Altered gut microbiome in a mouse model of Gulf War Illness causes neuroinflammation and intestinal injury via leaky gut and TLR4 activation. <i>PLoS ONE</i> , 2017 , 12, e0172914	3.7	80
205	Looking for the best anti-colitis medicine: A comparative analysis of current and prospective compounds. <i>Oncotarget</i> , 2017 , 8, 228-237	3.3	9
204	Weight loss following diet-induced obesity does not alter colon tumorigenesis in the AOM mouse model. <i>American Journal of Physiology - Renal Physiology</i> , 2016 , 311, G699-G712	5.1	8
203	High-fat diets rich in saturated fat protect against azoxymethane/dextran sulfate sodium-induced colon cancer. <i>American Journal of Physiology - Renal Physiology</i> , 2016 , 310, G906-19	5.1	26
202	RNA-seq Analysis of β -Tetrahydrocannabinol-treated T Cells Reveals Altered Gene Expression Profiles That Regulate Immune Response and Cell Proliferation. <i>Journal of Biological Chemistry</i> , 2016 , 291, 15460-72	5.4	13
201	Apigenin, a Natural Flavonoid, Attenuates EAE Severity Through the Modulation of Dendritic Cell and Other Immune Cell Functions. <i>Journal of NeuroImmune Pharmacology</i> , 2016 , 11, 36-47	6.9	45
200	Nrf2-Mediated Cardiac Maladaptive Remodeling and Dysfunction in a Setting of Autophagy Insufficiency. <i>Hypertension</i> , 2016 , 67, 107-17	8.5	47
199	MicroRNA-155 deletion promotes tumorigenesis in the azoxymethane-dextran sulfate sodium model of colon cancer. <i>American Journal of Physiology - Renal Physiology</i> , 2016 , 310, G347-58	5.1	14

198	Surgical removal of endometriotic lesions alters local and systemic proinflammatory cytokines in endometriosis patients. <i>Fertility and Sterility</i> , 2016 , 105, 968-977.e5	4.8	62
197	Dietary Indoles Suppress Delayed-Type Hypersensitivity by Inducing a Switch from Proinflammatory Th17 Cells to Anti-Inflammatory Regulatory T Cells through Regulation of MicroRNA. <i>Journal of Immunology</i> , 2016 , 196, 1108-22	5.3	77
196	Evidence for Epigenetic Regulation of Pro-Inflammatory Cytokines, Interleukin-12 and Interferon Gamma, in Peripheral Blood Mononuclear Cells from PTSD Patients. <i>Journal of NeuroImmune Pharmacology</i> , 2016 , 11, 168-181	6.9	60
195	Role of MCP-1 on inflammatory processes and metabolic dysfunction following high-fat feedings in the FVB/N strain. <i>International Journal of Obesity</i> , 2016 , 40, 844-51	5.5	48
194	Purinergic receptor X7 mediates leptin induced GLUT4 function in stellate cells in nonalcoholic steatohepatitis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016 , 1862, 32-45	6.9	19
193	Chemokine and cytokine levels in inflammatory bowel disease patients. <i>Cytokine</i> , 2016 , 77, 44-9	4	149
192	Repurposing the anti-malarial drug, quinacrine: new anti-colitis properties. <i>Oncotarget</i> , 2016 , 7, 52928-53339	3.9	6
191	A Low Dose of Dietary Quercetin Fails to Protect against the Development of an Obese Phenotype in Mice. <i>PLoS ONE</i> , 2016 , 11, e0167979	3.7	17
190	Prediction of Possible Biomarkers and Novel Pathways Conferring Risk to Post-Traumatic Stress Disorder. <i>PLoS ONE</i> , 2016 , 11, e0168404	3.7	6
189	Production of endocannabinoids by activated T cells and B cells modulates inflammation associated with delayed-type hypersensitivity. <i>European Journal of Immunology</i> , 2016 , 46, 1472-9	6.1	18
188	Inverse correlation of expression of microRNA-140-5p with progression of multiple sclerosis and differentiation of encephalitogenic T helper type 1 cells. <i>Immunology</i> , 2016 , 147, 488-98	7.8	25
187	Dysregulated immune system networks in war veterans with PTSD is an outcome of altered miRNA expression and DNA methylation. <i>Scientific Reports</i> , 2016 , 6, 31209	4.9	58
186	Marijuana-derived Δ^9 -tetrahydrocannabinol suppresses Th1/Th17 cell-mediated delayed-type hypersensitivity through microRNA regulation. <i>Journal of Molecular Medicine</i> , 2016 , 94, 1039-51	5.5	24
185	Sparstolonin B attenuates early liver inflammation in experimental NASH by modulating TLR4 trafficking in lipid rafts via NADPH oxidase activation. <i>American Journal of Physiology - Renal Physiology</i> , 2016 , 310, G510-25	5.1	22
184	MicroRNAs associated with the pathogenesis of multiple sclerosis. <i>Journal of Neuroimmunology</i> , 2016 , 295-296, 148-61	3.5	46
183	3,39-Diindolylmethane Ameliorates Staphylococcal Enterotoxin B-Induced Acute Lung Injury through Alterations in the Expression of MicroRNA that Target Apoptosis and Cell-Cycle Arrest in Activated T Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016 , 357, 177-87	4.7	15
182	Kruppel-like factor KLF4 facilitates cutaneous wound healing by promoting fibrocyte generation from myeloid-derived suppressor cells. <i>Journal of Investigative Dermatology</i> , 2015 , 135, 1425-1434	4.3	28
181	Role of miRNA in the regulation of inflammatory genes in staphylococcal enterotoxin B-induced acute inflammatory lung injury and mortality. <i>Toxicological Sciences</i> , 2015 , 144, 284-97	4.4	53

180	β-Tetrahydrocannabinol-mediated epigenetic modifications elicit myeloid-derived suppressor cell activation via STAT3/S100A8. <i>Journal of Leukocyte Biology</i> , 2015 , 97, 677-88	6.5	38
179	Resveratrol attenuates lipopolysaccharide-induced acute kidney injury by suppressing inflammation driven by macrophages. <i>Molecular Nutrition and Food Research</i> , 2015 , 59, 853-64	5.9	64
178	Epigenetic Regulation of Immunological Alterations Following Prenatal Exposure to Marijuana Cannabinoids and its Long Term Consequences in Offspring. <i>Journal of NeuroImmune Pharmacology</i> , 2015 , 10, 245-54	6.9	36
177	Identifying panaxynol, a natural activator of nuclear factor erythroid-2 related factor 2 (Nrf2) from American ginseng as a suppressor of inflamed macrophage-induced cardiomyocyte hypertrophy. <i>Journal of Ethnopharmacology</i> , 2015 , 168, 326-36	5	26
176	Critical Role of Mast Cells and Peroxisome Proliferator-Activated Receptor γ In the Induction of Myeloid-Derived Suppressor Cells by Marijuana Cannabidiol In Vivo. <i>Journal of Immunology</i> , 2015 , 194, 5211-22	5.3	43
175	Protective role of cannabinoid receptor 2 activation in galactosamine/lipopolysaccharide-induced acute liver failure through regulation of macrophage polarization and microRNAs. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015 , 353, 369-79	4.7	29
174	Exposure to diethylstilbestrol during pregnancy modulates microRNA expression profile in mothers and fetuses reflecting oncogenic and immunological changes. <i>Molecular Pharmacology</i> , 2015 , 87, 842-54 ^{4.3}	4.3	14
173	A critical role of cardiac fibroblast-derived exosomes in activating renin angiotensin system in cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2015 , 89, 268-79	5.8	125
172	(β) Tetrahydrocannabinol attenuates Staphylococcal enterotoxin B-induced inflammatory lung injury and prevents mortality in mice by modulation of miR-17-92 cluster and induction of T-regulatory cells. <i>British Journal of Pharmacology</i> , 2015 , 172, 1792-806	8.6	36
171	β-Tetrahydrocannabinol attenuates allogeneic host-versus-graft response and delays skin graft rejection through activation of cannabinoid receptor 1 and induction of myeloid-derived suppressor cells. <i>Journal of Leukocyte Biology</i> , 2015 , 98, 435-47	6.5	35
170	Antibacterial and Biofilm-Disrupting Coatings from Resin Acid-Derived Materials. <i>Biomacromolecules</i> , 2015 , 16, 3336-44	6.9	62
169	3,3RDiindolylmethane attenuates LPS-mediated acute liver failure by regulating miRNAs to target IRAK4 and suppress Toll-like receptor signalling. <i>British Journal of Pharmacology</i> , 2015 , 172, 2133-47	8.6	21
168	Role of Endocannabinoid Activation of Peripheral CB1 Receptors in the Regulation of Autoimmune Disease. <i>International Reviews of Immunology</i> , 2015 , 34, 403-14	4.6	23
167	Dysregulation in microRNA expression in peripheral blood mononuclear cells of sepsis patients is associated with immunopathology. <i>Cytokine</i> , 2015 , 71, 89-100	4	72
166	Functional states of resident vascular stem cells and vascular remodeling. <i>Frontiers in Biology</i> , 2015 , 10, 387-397		2
165	Single Nucleotide Polymorphisms in IL-10, IL-12p40, and IL-13 Genes and Susceptibility to Glioma. <i>International Journal of Medical Sciences</i> , 2015 , 12, 790-6	3.7	8
164	Detection of human cytomegalovirus in different histopathological types of glioma in Iraqi patients. <i>BioMed Research International</i> , 2015 , 2015, 642652	3	22
163	NADPH Oxidase-Derived Peroxynitrite Drives Inflammation in Mice and Human Nonalcoholic Steatohepatitis via TLR4-Lipid Raft Recruitment. <i>American Journal of Pathology</i> , 2015 , 185, 1944-57	5.8	31

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160	The emerging role of leptin antagonist as potential therapeutic option for inflammatory bowel disease. <i>International Reviews of Immunology</i> , 2014 , 33, 23-33	4.6	24
159	Staphylococcal enterotoxin B-induced microRNA-155 targets SOCS1 to promote acute inflammatory lung injury. <i>Infection and Immunity</i> , 2014 , 82, 2971-9	3.7	55
158	Estrogen receptor agonists for attenuation of neuroinflammation and neurodegeneration. <i>Brain Research Bulletin</i> , 2014 , 109, 22-31	3.9	79
157	Role of microRNAs in resveratrol-mediated mitigation of colitis-associated tumorigenesis in Apc(Min/+) mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2014 , 350, 99-109	4.7	32
156	3,3Rdiindolylmethane ameliorates experimental autoimmune encephalomyelitis by promoting cell cycle arrest and apoptosis in activated T cells through microRNA signaling pathways. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2014 , 350, 341-52	4.7	32
155	miR-155 deficiency protects mice from experimental colitis by reducing T helper type 1/type 17 responses. <i>Immunology</i> , 2014 , 143, 478-89	7.8	83
154	Anandamide attenuates Th-17 cell-mediated delayed-type hypersensitivity response by triggering IL-10 production and consequent microRNA induction. <i>PLoS ONE</i> , 2014 , 9, e93954	3.7	44
153	Dysregulation in microRNA expression is associated with alterations in immune functions in combat veterans with post-traumatic stress disorder. <i>PLoS ONE</i> , 2014 , 9, e94075	3.7	93
152	Expression, regulation and function of microRNAs in multiple sclerosis. <i>International Journal of Medical Sciences</i> , 2014 , 11, 810-8	3.7	135
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29	Double-negative T cells from MRL-lpr/lpr mice mediate cytolytic activity when triggered through adhesion molecules and constitutively express perforin gene. <i>Journal of Experimental Medicine</i> , 1993 , 178, 2225-30	16.6	57
28	T-cell-receptor-independent activation of cytolytic activity of cytotoxic T lymphocytes mediated through CD44 and gp90MEL-14. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991 , 88, 7877-81	11.5	95
27	CD4-CD8- thymocytes from MRL-lpr/lpr mice exhibit abnormal proportions of alpha beta- and gamma delta-TCR+ cells and demonstrate defective responsiveness when activated through the TCR. <i>Cellular Immunology</i> , 1991 , 137, 269-82	4.4	7
26	Characterization of T lymphocyte clones isolated from BCNU-cured LSA mice. <i>International Journal of Cell Cloning</i> , 1991 , 9, 594-605		4
25	Evidence for the existence of distinct heterogeneity among the peripheral CD4-CD8- T cells from MRL-lpr/lpr mice based on the expression of the J11d marker, activation requirements, and functional properties. <i>Cellular Immunology</i> , 1990 , 127, 442-57	4.4	9
24	Role of IL-2, IL-4 and IL-6 in the growth and differentiation of tumor-specific CD4+ T helper and CD8+ T cytotoxic cells. <i>International Journal of Cancer</i> , 1990 , 45, 1096-104	7.5	16
23	Aldicarb treatment inhibits the stimulatory activity of macrophages without affecting the T-cell responses in the syngeneic mixed lymphocyte reaction. <i>International Journal of Immunopharmacology</i> , 1990 , 12, 337-48		15
22	Immunomodulatory effects of nitrosoureas on the phenotype and functions of T cells in the thymus and periphery. <i>Immunopharmacology</i> , 1990 , 20, 153-64		5
21	Evidence for major alterations in the thymocyte subpopulations in murine models of autoimmune diseases. <i>Journal of Autoimmunity</i> , 1990 , 3, 271-88	15.5	20
20	Macrophages but not B cells from aged mice are defective in stimulating autoreactive T cells in vitro. <i>Mechanisms of Ageing and Development</i> , 1990 , 52, 107-24	5.6	17
19	Autoreactive T cell clones isolated from normal and autoimmune-susceptible mice exhibit lymphokine secretory and functional properties of both Th1 and Th2 cells. <i>Clinical Immunology and Immunopathology</i> , 1990 , 57, 148-62		5

18	Aldicarb suppresses macrophage but not natural killer (NK) cell-mediated cytotoxicity of tumor cells. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1989 , 43, 676-82	2.7	9
17	A specific defect in the proliferative capacity of B cells from old mice stimulated with autoreactive T cells. <i>Cellular Immunology</i> , 1989 , 120, 102-13	4.4	14
16	Tumor-induced alteration in macrophage accessory cell activity on autoreactive T cells. <i>Cancer Immunology, Immunotherapy</i> , 1989 , 30, 170-6	7.4	15
15	Calcium ionophores at concentrations mitogenic to normal murine T cells inhibit the proliferation of tumor cells in vitro. <i>European Journal of Implant and Refractive Surgery</i> , 1989 , 1, 329-34		2
14	Differential effects of BCNU on T cell, macrophage, natural killer and lymphokine-activated killer cell activities in mice bearing a syngeneic tumor. <i>Cancer Immunology, Immunotherapy</i> , 1988 , 27, 38-46	7.4	16
13	Chemotherapy of mice bearing syngeneic tumors with 1,3-bis (2-chloroethyl)-1-nitrosourea is effective only in normal, but not in irradiated or nude, mice: role of L3T4+ (CD4+) and Lyt-2+ (CD8+) T cells. <i>Cellular Immunology</i> , 1988 , 115, 383-92	4.4	12
12	Impaired autoreactive T cell-induced T cell-T cell interaction in aged mice. <i>Cellular Immunology</i> , 1988 , 116, 299-307	4.4	11
11	Characterization of an endogenous Lyt2+ T-suppressor-cell population regulating autoreactive T cells in vitro and in vivo. <i>Cellular Immunology</i> , 1988 , 112, 64-77	4.4	21
10	Immunotoxicology: Modulation of the Immune System by Xenobiotics. <i>Defence Science Journal</i> , 1987 , 37, 235-244	1.4	5
9	Characterization and function of autoreactive T-lymphocyte clones isolated from normal, unprimed mice. <i>Cellular Immunology</i> , 1985 , 94, 32-48	4.4	26
8	Normal Lyt-1+2- T cells have the unique capacity to respond to syngeneic autoreactive T cells. Demonstration of a T cell network. <i>Journal of Experimental Medicine</i> , 1985 , 162, 375-80	16.6	31
7	Sensitivity to suppression of cytotoxic T cell generation by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) is dependent on the Ah genotype of the murine host. <i>Toxicology and Applied Pharmacology</i> , 1984 , 72, 169-76	4.6	93
6	Short-term toxicity studies of O-chlorobenzylidene malonitrile on humoral immunity in mice. <i>Toxicology Letters</i> , 1981 , 8, 73-6	4.4	7
5	Effect of o-chlorobenzylidenemalonitrile (CS) on humoral immune response to bacterial lipopolysaccharide in mice. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1981 , 26, 571-5	2.7	4
4	Effect of experimental dengue virus infection on humoral and cell-mediated immune response to thymus-dependent antigen. <i>International Archives of Allergy and Immunology</i> , 1980 , 62, 361-9	3.7	4
3	Development of a kit for the assay of haemagglutination inhibition antibodies to flaviviruses using formalinized goose erythrocytes. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 1980 , 74, 22-5	2	3
2	Suppression of intrinsic B-cell function in Dengue-infected mice. <i>Experientia</i> , 1979 , 35, 1518-9		7
1	Use of sensitized spleen cells in capillary tube migration inhibition test to demonstrate cellular sensitization to dengue virus in mouse. <i>Journal of Immunological Methods</i> , 1978 , 23, 341-348	2.5	11

