

# Prakash S Nagarkatti

## List of Publications by Citations

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305  
papers

11,096  
citations

59  
h-index

86  
g-index

314  
ext. papers

13,060  
ext. citations

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avg, IF

6.44  
L-index

#	Paper	IF	Citations
305	Cannabinoids as novel anti-inflammatory drugs. <i>Future Medicinal Chemistry</i> , <b>2009</b> , 1, 1333-49	4.1	267
304	Targeting CB2 cannabinoid receptors as a novel therapy to treat malignant lymphoblastic disease. <i>Blood</i> , <b>2002</b> , 100, 627-34	2.2	217
303	Deoxycholic acid (DCA) causes ligand-independent activation of epidermal growth factor receptor (EGFR) and FAS receptor in primary hepatocytes: inhibition of EGFR/mitogen-activated protein kinase-signaling module enhances DCA-induced apoptosis. <i>Molecular Biology of the Cell</i> , <b>2001</b> , 12, 2629-45	3.5	201
302	Activation of aryl hydrocarbon receptor (AhR) leads to reciprocal epigenetic regulation of FoxP3 and IL-17 expression and amelioration of experimental colitis. <i>PLoS ONE</i> , <b>2011</b> , 6, e23522	3.7	185
301	Bryostatins modulates latent HIV-1 infection via PKC and AMPK signaling but inhibits acute infection in a receptor independent manner. <i>PLoS ONE</i> , <b>2010</b> , 5, e11160	3.7	181
300	Delta-9-tetrahydrocannabinol enhances breast cancer growth and metastasis by suppression of the antitumor immune response. <i>Journal of Immunology</i> , <b>2005</b> , 174, 3281-9	5.3	179
299	Cannabinoid-induced apoptosis in immune cells as a pathway to immunosuppression. <i>Immunobiology</i> , <b>2010</b> , 215, 598-605	3.4	152
298	Resveratrol suppresses colitis and colon cancer associated with colitis. <i>Cancer Prevention Research</i> , <b>2010</b> , 3, 549-59	3.2	150
297	Cannabidiol-induced apoptosis in human leukemia cells: A novel role of cannabidiol in the regulation of p22phox and Nox4 expression. <i>Molecular Pharmacology</i> , <b>2006</b> , 70, 897-908	4.3	150
296	Chemokine and cytokine levels in inflammatory bowel disease patients. <i>Cytokine</i> , <b>2016</b> , 77, 44-9	4	149
295	Resveratrol (trans-3,5,4Rtrihydroxystilbene) induces silent mating type information regulation-1 and down-regulates nuclear transcription factor-kappaB activation to abrogate dextran sulfate sodium-induced colitis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2010</b> , 332, 829-39	4.7	146
294	Endocannabinoids and immune regulation. <i>Pharmacological Research</i> , <b>2009</b> , 60, 85-92	10.2	142
293	Resveratrol (trans-3,5,4Rtrihydroxystilbene) ameliorates experimental allergic encephalomyelitis, primarily via induction of apoptosis in T cells involving activation of aryl hydrocarbon receptor and estrogen receptor. <i>Molecular Pharmacology</i> , <b>2007</b> , 72, 1508-21	4.3	142
292	Activation through cannabinoid receptors 1 and 2 on dendritic cells triggers NF-kappaB-dependent apoptosis: novel role for endogenous and exogenous cannabinoids in immunoregulation. <i>Journal of Immunology</i> , <b>2004</b> , 173, 2373-82	5.3	142
291	Expression, regulation and function of microRNAs in multiple sclerosis. <i>International Journal of Medical Sciences</i> , <b>2014</b> , 11, 810-8	3.7	135
290	A critical role of cardiac fibroblast-derived exosomes in activating renin angiotensin system in cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2015</b> , 89, 268-79	5.8	125
289	Evidence for the induction of apoptosis in thymocytes by 2,3,7,8-tetrachlorodibenzo-p-dioxin in vivo. <i>Toxicology and Applied Pharmacology</i> , <b>1997</b> , 142, 367-77	4.6	124

288	Delta(9)-tetrahydrocannabinol-induced apoptosis in the thymus and spleen as a mechanism of immunosuppression in vitro and in vivo. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2002</b> , 302, 451-65	4.7	119
287	Use of natural AhR ligands as potential therapeutic modalities against inflammatory disorders. <i>Nutrition Reviews</i> , <b>2013</b> , 71, 353-69	6.4	105
286	Attenuation of experimental autoimmune hepatitis by exogenous and endogenous cannabinoids: involvement of regulatory T cells. <i>Molecular Pharmacology</i> , <b>2008</b> , 74, 20-33	4.3	104
285	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> , <b>1991</b> , 88, 7877-81	11.5	95
284	Dysregulation in microRNA expression is associated with alterations in immune functions in combat veterans with post-traumatic stress disorder. <i>PLoS ONE</i> , <b>2014</b> , 9, e94075	3.7	93
283	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> , <b>1984</b> , 72, 169-76	4.6	93
282	Evidence for estradiol-induced apoptosis and dysregulated T cell maturation in the thymus. <i>Toxicology</i> , <b>2001</b> , 163, 49-62	4.4	92
281	Cannabinoid receptor-2 (CB2) agonist ameliorates colitis in IL-10(-/-) mice by attenuating the activation of T cells and promoting their apoptosis. <i>Toxicology and Applied Pharmacology</i> , <b>2012</b> , 258, 256-67	4.6	87
280	CB2 cannabinoid receptor agonist, JWH-015, triggers apoptosis in immune cells: potential role for CB2-selective ligands as immunosuppressive agents. <i>Clinical Immunology</i> , <b>2007</b> , 122, 259-70	9	86
279	Characterization of sparsolonin B, a Chinese herb-derived compound, as a selective Toll-like receptor antagonist with potent anti-inflammatory properties. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 26470-9	5.4	85
278	Role of myeloid-derived suppressor cells in amelioration of experimental autoimmune hepatitis following activation of TRPV1 receptors by cannabidiol. <i>PLoS ONE</i> , <b>2011</b> , 6, e18281	3.7	84
277	CD44-deficient mice exhibit enhanced hepatitis after concanavalin A injection: evidence for involvement of CD44 in activation-induced cell death. <i>Journal of Immunology</i> , <b>2001</b> , 166, 5889-97	5.3	84
276	miR-155 deficiency protects mice from experimental colitis by reducing T helper type 1/type 17 responses. <i>Immunology</i> , <b>2014</b> , 143, 478-89	7.8	83
275	Treatment of mice with 2,3,7,8-tetrachlorodibenzo-p-dioxin leads to aryl hydrocarbon receptor-dependent nuclear translocation of NF-kappaB and expression of Fas ligand in thymic stromal cells and consequent apoptosis in T cells. <i>Journal of Immunology</i> , <b>2005</b> , 175, 90-103	5.3	80
274	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> , <b>2017</b> , 12, e0172914	3.7	80
273	Estrogen receptor agonists for attenuation of neuroinflammation and neurodegeneration. <i>Brain Research Bulletin</i> , <b>2014</b> , 109, 22-31	3.9	79
272	Correction for Rao et al., Staphylococcal Enterotoxin B-Induced MicroRNA-155 Targets SOCS1 To Promote Acute Inflammatory Lung Injury. <i>Infection and Immunity</i> , <b>2014</b> , 82, 3986-3986	3.7	78
271	Hyaluronate-CD44 Interactions Can Induce Murine B-Cell Activation. <i>Blood</i> , <b>1997</b> , 89, 2901-2908	2.2	78

270	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> , <b>2016</b> , 196, 1108-22	5.3	77
269	Blockade of CB1 cannabinoid receptor alters gut microbiota and attenuates inflammation and diet-induced obesity. <i>Scientific Reports</i> , <b>2017</b> , 7, 15645	4.9	76
268	Fas-Fas Ligand-Based Interactions Between Tumor Cells and Tumor-Specific Cytotoxic T Lymphocytes: A Lethal Two-Way Street. <i>Blood</i> , <b>1997</b> , 90, 1952-1959	2.2	75
267	MicroRNA let-7e is associated with the pathogenesis of experimental autoimmune encephalomyelitis. <i>European Journal of Immunology</i> , <b>2013</b> , 43, 104-14	6.1	73
266	Dysregulation in microRNA expression in peripheral blood mononuclear cells of sepsis patients is associated with immunopathology. <i>Cytokine</i> , <b>2015</b> , 71, 89-100	4	72
265	Cannabinoid receptor activation leads to massive mobilization of myeloid-derived suppressor cells with potent immunosuppressive properties. <i>European Journal of Immunology</i> , <b>2010</b> , 40, 3358-71	6.1	72
264	Distinct microRNA expression profile and targeted biological pathways in functional myeloid-derived suppressor cells induced by $\beta$ -tetrahydrocannabinol in vivo: regulation of CCAAT/enhancer-binding protein $\beta$ by microRNA-690. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 36810-26	5.4	71
263	Role of Spontaneous and Interleukin-2-Induced Natural Killer Cell Activity in the Cytotoxicity and Rejection of Fas+and Fas $\square$ Tumor Cells. <i>Blood</i> , <b>1998</b> , 92, 4248-4255	2.2	71
262	Multiple anti-inflammatory pathways triggered by resveratrol lead to amelioration of staphylococcal enterotoxin B-induced lung injury. <i>British Journal of Pharmacology</i> , <b>2012</b> , 167, 1244-58	8.6	70
261	Indoles mitigate the development of experimental autoimmune encephalomyelitis by induction of reciprocal differentiation of regulatory T cells and Th17 cells. <i>British Journal of Pharmacology</i> , <b>2013</b> , 169, 1305-21	8.6	70
260	Drug-induced vascular injury--a quest for biomarkers. <i>Toxicology and Applied Pharmacology</i> , <b>2005</b> , 203, 62-87	4.6	69
259	Role of resveratrol-induced CD11b(+) Gr-1(+) myeloid derived suppressor cells (MDSCs) in the reduction of CXCR3(+) T cells and amelioration of chronic colitis in IL-10(-/-) mice. <i>Brain, Behavior, and Immunity</i> , <b>2012</b> , 26, 72-82	16.6	68
258	CD44 Reciprocally regulates the differentiation of encephalitogenic Th1/Th17 and Th2/regulatory T cells through epigenetic modulation involving DNA methylation of cytokine gene promoters, thereby controlling the development of experimental autoimmune encephalomyelitis. <i>Journal of Immunology</i> , <b>2011</b> , 186, 6955-64	5.3	68
257	Resveratrol prevents embryonic oxidative stress and apoptosis associated with diabetic embryopathy and improves glucose and lipid profile of diabetic dam. <i>Molecular Nutrition and Food Research</i> , <b>2011</b> , 55, 1186-96	5.9	66
256	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> , <b>2019</b> , 106, 467-480	6.5	65
255	Ginkgo biloba extract EGb 761 has anti-inflammatory properties and ameliorates colitis in mice by driving effector T cell apoptosis. <i>Carcinogenesis</i> , <b>2008</b> , 29, 1799-806	4.6	65
254	Resveratrol attenuates lipopolysaccharide-induced acute kidney injury by suppressing inflammation driven by macrophages. <i>Molecular Nutrition and Food Research</i> , <b>2015</b> , 59, 853-64	5.9	64
253	Antibacterial and Biofilm-Disrupting Coatings from Resin Acid-Derived Materials. <i>Biomacromolecules</i> , <b>2015</b> , 16, 3336-44	6.9	62

252	Surgical removal of endometriotic lesions alters local and systemic proinflammatory cytokines in endometriosis patients. <i>Fertility and Sterility</i> , <b>2016</b> , 105, 968-977.e5	4.8	62
251	Analysis of 2,3,7,8-tetrachlorodibenzo-p-dioxin-induced gene expression profile in vivo using pathway-specific cDNA arrays. <i>Toxicology</i> , <b>2002</b> , 178, 241-60	4.4	62
250	Role of Fas apoptosis and MHC genes in 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced immunotoxicity of T cells. <i>Toxicology</i> , <b>1996</b> , 110, 153-67	4.4	62
249	Characterization of phenotypic alterations induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin on thymocytes in vivo and its effect on apoptosis. <i>Toxicology and Applied Pharmacology</i> , <b>1998</b> , 150, 117-24	4.6	61
248	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> , <b>2016</b> , 11, 168-181	6.9	60
247	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> , <b>2018</b> , 314, G22-G31	5.1	59
246	Delta9-tetrahydrocannabinol-induced apoptosis in Jurkat leukemia T cells is regulated by translocation of Bad to mitochondria. <i>Molecular Cancer Research</i> , <b>2006</b> , 4, 549-62	6.6	59
245	Cannabidiol Attenuates Experimental Autoimmune Encephalomyelitis Model of Multiple Sclerosis Through Induction of Myeloid-Derived Suppressor Cells. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 1782	8.4	58
244	American ginseng suppresses inflammation and DNA damage associated with mouse colitis. <i>Carcinogenesis</i> , <b>2008</b> , 29, 2351-9	4.6	58
243	Role of Fas-Fas ligand interactions in 2,3,7,8-tetrachlorodibenzo- p-dioxin (TCDD)-induced immunotoxicity: increased resistance of thymocytes from Fas-deficient (lpr) and Fas ligand-defective (gld) mice to TCDD-induced toxicity. <i>Toxicology and Applied Pharmacology</i> , <b>1999</b> , 160, 141-55	4.6	58
242	Dysregulated immune system networks in war veterans with PTSD is an outcome of altered miRNA expression and DNA methylation. <i>Scientific Reports</i> , <b>2016</b> , 6, 31209	4.9	58
241	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> , <b>1993</b> , 178, 2225-30	16.6	57
240	Prenatal exposure to TCDD triggers significant modulation of microRNA expression profile in the thymus that affects consequent gene expression. <i>PLoS ONE</i> , <b>2012</b> , 7, e45054	3.7	56
239	Staphylococcal enterotoxin B-induced microRNA-155 targets SOCS1 to promote acute inflammatory lung injury. <i>Infection and Immunity</i> , <b>2014</b> , 82, 2971-9	3.7	55
238	The protective effects of resveratrol on social stress-induced cytokine release and depressive-like behavior. <i>Brain, Behavior, and Immunity</i> , <b>2017</b> , 59, 147-157	16.6	54
237	Role of miRNA in the regulation of inflammatory genes in staphylococcal enterotoxin B-induced acute inflammatory lung injury and mortality. <i>Toxicological Sciences</i> , <b>2015</b> , 144, 284-97	4.4	53
236	An essential role of Nrf2 in American ginseng-mediated anti-oxidative actions in cardiomyocytes. <i>Journal of Ethnopharmacology</i> , <b>2010</b> , 130, 222-30	5	53
235	Role of environmental pollutants on immune functions, parasitic infections and limb malformations in marine toads and whistling frogs from Bermuda. <i>International Journal of Environmental Health Research</i> , <b>2003</b> , 13, 125-48	3.6	53

234	MicroRNA-30 modulates metabolic inflammation by regulating Notch signaling in adipose tissue macrophages. <i>International Journal of Obesity</i> , <b>2018</b> , 42, 1140-1150	5.5	52
233	Histone modifications are associated with $\Delta^9$ -tetrahydrocannabinol-mediated alterations in antigen-specific T cell responses. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 18707-18	5.4	51
232	Evidence for induction of apoptosis in T cells from murine fetal thymus following perinatal exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD). <i>Toxicological Sciences</i> , <b>2004</b> , 78, 96-106	4.4	50
231	Prolonged high-fat-diet feeding promotes non-alcoholic fatty liver disease and alters gut microbiota in mice. <i>World Journal of Hepatology</i> , <b>2019</b> , 11, 619-637	3.4	50
230	Role of dioxin response element and nuclear factor-kappaB motifs in 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated regulation of Fas and Fas ligand expression. <i>Molecular Pharmacology</i> , <b>2007</b> , 71, 145-57	4.3	49
229	Targeting cannabinoid receptors to treat leukemia: role of cross-talk between extrinsic and intrinsic pathways in Delta9-tetrahydrocannabinol (THC)-induced apoptosis of Jurkat cells. <i>Leukemia Research</i> , <b>2005</b> , 29, 915-22	2.7	49
228	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> , <b>2016</b> , 40, 844-51	5.5	48
227	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> , <b>2018</b> , 9, 2992	8.4	48
226	Nrf2-Mediated Cardiac Maladaptive Remodeling and Dysfunction in a Setting of Autophagy Insufficiency. <i>Hypertension</i> , <b>2016</b> , 67, 107-17	8.5	47
225	Enhanced activation-induced cell death as a mechanism of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-induced immunotoxicity in peripheral T cells. <i>Toxicology</i> , <b>2001</b> , 165, 51-63	4.4	46
224	MicroRNAs associated with the pathogenesis of multiple sclerosis. <i>Journal of Neuroimmunology</i> , <b>2016</b> , 295-296, 148-61	3.5	46
223	Apigenin, a Natural Flavonoid, Attenuates EAE Severity Through the Modulation of Dendritic Cell and Other Immune Cell Functions. <i>Journal of NeuroImmune Pharmacology</i> , <b>2016</b> , 11, 36-47	6.9	45
222	Genistein induces macrophage polarization and systemic cytokine to ameliorate experimental colitis. <i>PLoS ONE</i> , <b>2018</b> , 13, e0199631	3.7	45
221	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> , <b>2019</b> , 82, 25-35	16.6	45
220	American ginseng suppresses colitis through p53-mediated apoptosis of inflammatory cells. <i>Cancer Prevention Research</i> , <b>2010</b> , 3, 339-47	3.2	45
219	Anandamide attenuates Th-17 cell-mediated delayed-type hypersensitivity response by triggering IL-10 production and consequent microRNA induction. <i>PLoS ONE</i> , <b>2014</b> , 9, e93954	3.7	44
218	Critical Role of Mast Cells and Peroxisome Proliferator-Activated Receptor $\gamma$ in the Induction of Myeloid-Derived Suppressor Cells by Marijuana Cannabidiol In Vivo. <i>Journal of Immunology</i> , <b>2015</b> , 194, 5211-22	5.3	43
217	Resveratrol prevents endothelial cells injury in high-dose interleukin-2 therapy against melanoma. <i>PLoS ONE</i> , <b>2012</b> , 7, e35650	3.7	43

216	Role of CD44 and hyaluronic acid (HA) in activation of alloreactive and antigen-specific T cells by bone marrow-derived dendritic cells. <i>Journal of Immunotherapy</i> , <b>2004</b> , 27, 1-12	5	43
215	Role of CD44 in activation-induced cell death: CD44-deficient mice exhibit enhanced T cell response to conventional and superantigens. <i>International Immunology</i> , <b>2002</b> , 14, 1015-26	4.9	43
214	Indole-3-carbinol prevents colitis and associated microbial dysbiosis in an IL-22-dependent manner. <i>JCI Insight</i> , <b>2020</b> , 5,	9.9	43
213	Natural indoles, indole-3-carbinol and 3,3Rdiindolymethane, inhibit T cell activation by staphylococcal enterotoxin B through epigenetic regulation involving HDAC expression. <i>Toxicology and Applied Pharmacology</i> , <b>2014</b> , 274, 7-16	4.6	41
212	CD44 mobilization in allogeneic dendritic cell-T cell immunological synapse plays a key role in T cell activation. <i>Journal of Leukocyte Biology</i> , <b>2008</b> , 84, 134-42	6.5	41
211	Resveratrol protects mice against SEB-induced acute lung injury and mortality by miR-193a modulation that targets TGF- $\beta$ signalling. <i>Journal of Cellular and Molecular Medicine</i> , <b>2018</b> , 22, 2644-2655	5.6	40
210	Resveratrol (trans-3,5,4Rtrihydroxystilbene) suppresses EL4 tumor growth by induction of apoptosis involving reciprocal regulation of SIRT1 and NF- $\kappa$ B. <i>Molecular Nutrition and Food Research</i> , <b>2011</b> , 55, 1207-18	5.9	39
209	Differential induction of apoptosis in activated and resting T cells by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and its repercussion on T cell responsiveness. <i>Toxicology</i> , <b>1998</b> , 129, 211-26	4.4	39
208	Combination of Cannabinoids, $\Delta$ -Tetrahydrocannabinol and Cannabidiol, Ameliorates Experimental Multiple Sclerosis by Suppressing Neuroinflammation Through Regulation of miRNA-Mediated Signaling Pathways. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 1921	8.4	38
207	$\Delta$ -Tetrahydrocannabinol-mediated epigenetic modifications elicit myeloid-derived suppressor cell activation via STAT3/S100A8. <i>Journal of Leukocyte Biology</i> , <b>2015</b> , 97, 677-88	6.5	38
206	Role of death receptor pathway in estradiol-induced T-cell apoptosis in vivo. <i>Toxicological Sciences</i> , <b>2002</b> , 70, 63-72	4.4	38
205	The role of gut microbiota in shaping the relapse-remitting and chronic-progressive forms of multiple sclerosis in mouse models. <i>Scientific Reports</i> , <b>2019</b> , 9, 6923	4.9	37
204	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> , <b>2018</b> , 154, 178-185	7.8	37
203	Sparstolonin B suppresses lipopolysaccharide-induced inflammation in human umbilical vein endothelial cells. <i>Archives of Pharmacal Research</i> , <b>2013</b> , 36, 890-6	6.1	37
202	Perinatal exposure to $\Delta$ -tetrahydrocannabinol triggers profound defects in T cell differentiation and function in fetal and postnatal stages of life, including decreased responsiveness to HIV antigens. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2011</b> , 339, 607-17	4.7	37
201	Primary peripheral T cells become susceptible to 2,3,7,8-tetrachlorodibenzo-p-dioxin-mediated apoptosis in vitro upon activation and in the presence of dendritic cells. <i>Molecular Pharmacology</i> , <b>2008</b> , 73, 1722-35	4.3	37
200	Aryl hydrocarbon receptor-dependent induction of loss of mitochondrial membrane potential in epididymal spermatozoa by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD). <i>Toxicology Letters</i> , <b>2005</b> , 157, 99-107	4.4	37
199	Combined screening of thymocytes using apoptosis-specific cDNA array and promoter analysis yields novel gene targets mediating TCDD-induced toxicity. <i>Toxicological Sciences</i> , <b>2004</b> , 78, 116-24	4.4	37

198	2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) induces Fas-dependent activation-induced cell death in superantigen-primed T cells. <i>Archives of Toxicology</i> , <b>2002</b> , 76, 570-80	5.8	37
197	Epigenetic Regulation of Immunological Alterations Following Prenatal Exposure to Marijuana Cannabinoids and its Long Term Consequences in Offspring. <i>Journal of NeuroImmune Pharmacology</i> , <b>2015</b> , 10, 245-54	6.9	36
196	Δ <sup>9</sup> 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> , <b>2015</b> , 172, 1792-806	8.6	36
195	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> , <b>2018</b> , 350, 64-77	4.6	36
194	Δ <sup>9</sup> 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> , <b>2015</b> , 98, 435-47	6.5	35
193	Role of CD44 in the differentiation of Th1 and Th2 cells: CD44-deficiency enhances the development of Th2 effectors in response to sheep RBC and chicken ovalbumin. <i>Journal of Immunology</i> , <b>2009</b> , 183, 172-80	5.3	35
192	Nitric oxide inactivates the retinoblastoma pathway in chronic inflammation. <i>Cancer Research</i> , <b>2007</b> , 67, 9286-93	10.1	35
191	Natural indoles, indole-3-carbinol (I3C) and 3,3'-diindolylmethane (DIM), attenuate staphylococcal enterotoxin B-mediated liver injury by downregulating miR-31 expression and promoting caspase-2-mediated apoptosis. <i>PLoS ONE</i> , <b>2015</b> , 10, e0118506	3.7	35
190	A key role of microRNA-29b for the suppression of colon cancer cell migration by American ginseng. <i>PLoS ONE</i> , <b>2013</b> , 8, e75034	3.7	34
189	CD44 deletion leading to attenuation of experimental autoimmune encephalomyelitis results from alterations in gut microbiome in mice. <i>European Journal of Immunology</i> , <b>2017</b> , 47, 1188-1199	6.1	32
188	Role of microRNAs in resveratrol-mediated mitigation of colitis-associated tumorigenesis in Apc(Min/+) mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2014</b> , 350, 99-109	4.7	32
187	3,3'-diindolylmethane 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> , <b>2014</b> , 350, 341-52	4.7	32
186	American ginseng preferentially suppresses STAT/INOS signaling in activated macrophages. <i>Journal of Ethnopharmacology</i> , <b>2009</b> , 125, 145-50	5	32
185	Immune modulation by chondroitin sulfate and its degraded disaccharide product in the development of an experimental model of multiple sclerosis. <i>Journal of Neuroimmunology</i> , <b>2010</b> , 223, 55-64	3.5	32
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