

Barbara L F Kaplan

List of Publications by Year in descending order

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56
papers

1,357
citations

361045

20
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34
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all docs

57
docs citations

57
times ranked

1817
citing authors

#	ARTICLE	IF	CITATIONS
1	Immune Responses Regulated by Cannabidiol. <i>Cannabis and Cannabinoid Research</i> , 2020, 5, 12-31.	1.5	163
2	The profile of immune modulation by cannabidiol (CBD) involves deregulation of nuclear factor of activated T cells (NFAT). <i>Biochemical Pharmacology</i> , 2008, 76, 726-737.	2.0	104
3	Engineered silica nanoparticles act as adjuvants to enhance allergic airway disease in mice. <i>Particle and Fibre Toxicology</i> , 2013, 10, 26.	2.8	101
4	The role of CB1 in immune modulation by cannabinoids. , 2013, 137, 365-374.		62
5	Electronic-Cigarette Vehicles and Flavoring Affect Lung Function and Immune Responses in a Murine Model. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6022.	1.8	48
6	Î”9-Tetrahydrocannabinol Impairs the Inflammatory Response to Influenza Infection: Role of Antigen-Presenting Cells and the Cannabinoid Receptors 1 and 2. <i>Toxicological Sciences</i> , 2013, 131, 419-433.	1.4	45
7	Cannabidiol (CBD) enhances lipopolysaccharide (LPS)-induced pulmonary inflammation in C57BL/6 mice. <i>Journal of Immunotoxicology</i> , 2013, 10, 321-328.	0.9	44
8	15-Deoxy-Î” ^{12,14} -prostaglandin J ₂ -Glycerol Ester, a Putative Metabolite of 2-Arachidonyl Glycerol, Activates Peroxisome Proliferator Activated Receptor Î³. <i>Molecular Pharmacology</i> , 2011, 80, 201-209.	1.0	38
9	A COX-2 metabolite of the endogenous cannabinoid, 2-arachidonyl glycerol, mediates suppression of IL-2 secretion in activated Jurkat T cells. <i>Biochemical Pharmacology</i> , 2008, 76, 353-361.	2.0	37
10	Effects of targeted deletion of cannabinoid receptors CB1 and CB2 on immune competence and sensitivity to immune modulation by Î”9-tetrahydrocannabinol. <i>Journal of Leukocyte Biology</i> , 2008, 84, 1574-1584.	1.5	37
11	Cannabidiol (CBD) induces functional Tregs in response to low-level T cell activation. <i>Cellular Immunology</i> , 2017, 312, 25-34.	1.4	33
12	Deletion of cannabinoid receptors 1 and 2 exacerbates APC function to increase inflammation and cellular immunity during influenza infection. <i>Journal of Leukocyte Biology</i> , 2011, 90, 983-995.	1.5	32
13	CLARITY-BPA: Effects of chronic bisphenol A exposure on the immune system: Part 2 “ Characterization of lymphoproliferative and immune effector responses by splenic leukocytes. <i>Toxicology</i> , 2018, 396-397, 54-67.	2.0	32
14	CLARITY-BPA: Effects of chronic Bisphenol A exposure on the immune system: Part 1 “ Quantification of the relative number and proportion of leukocyte populations in the spleen and thymus. <i>Toxicology</i> , 2018, 396-397, 46-53.	2.0	31
15	Induction of the Aryl Hydrocarbon Receptor“Responsive Genes and Modulation of the Immunoglobulin M Response by 2,3,7,8-Tetrachlorodibenzo-p-Dioxin in Primary Human B Cells. <i>Toxicological Sciences</i> , 2010, 118, 86-97.	1.4	28
16	2,3,7,8-Tetrachlorodibenzo-p-dioxin-mediated disruption of the CD40 ligand-induced activation of primary human B cells. <i>Toxicology and Applied Pharmacology</i> , 2011, 255, 251-260.	1.3	27
17	Magnitude of stimulation dictates the cannabinoid-mediated differential T cell response to HIVgp120. <i>Journal of Leukocyte Biology</i> , 2012, 92, 1093-1102.	1.5	27
18	2-Arachidonoyl-glycerol suppresses interferon-Î³ production in phorbol ester/ionomycin-activated mouse splenocytes independent of CB1 or CB2. <i>Journal of Leukocyte Biology</i> , 2005, 77, 966-974.	1.5	25

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19	Î ⁹ -Tetrahydrocannabinol Suppresses Cytotoxic T Lymphocyte Function Independent of CB1 and CB2, Disrupting Early Activation Events. <i>Journal of NeuroImmune Pharmacology</i> , 2012, 7, 843-855.	2.1	25
20	Exposure to an environmentally relevant mixture of organochlorine compounds and polychlorinated biphenyls Promotes hepatic steatosis in male Ob/Ob mice. <i>Environmental Toxicology</i> , 2017, 32, 1399-1411.	2.1	25
21	Induction of Immunosuppressive CD8 ⁺ CD25 ⁺ FOXP3 ⁺ Regulatory T Cells by Suboptimal Stimulation with Staphylococcal Enterotoxin C1. <i>Journal of Immunology</i> , 2018, 200, 669-680.	0.4	25
22	CBD Suppression of EAE Is Correlated with Early Inhibition of Splenic IFN-Î ³ + CD8 ⁺ T Cells and Modest Inhibition of Neuroinflammation. <i>Journal of NeuroImmune Pharmacology</i> , 2021, 16, 346-362.	2.1	25
23	Lipopolysaccharide suppresses carboxylesterase 2g activity and 2-arachidonoylglycerol hydrolysis: A possible mechanism to regulate inflammation. <i>Prostaglandins and Other Lipid Mediators</i> , 2015, 121, 199-206.	1.0	24
24	Immunomodulation By Subchronic Low Dose 2,3,7,8-Tetrachlorodibenzo-p-Dioxin in Experimental Autoimmune Encephalomyelitis in the Absence of Pertussis Toxin. <i>Toxicological Sciences</i> , 2016, 151, 35-43.	1.4	20
25	15-Deoxy-Î ^{12,14} -Prostaglandin J ₂ -Glycerol, a Putative Metabolite of 2-Arachidonyl Glycerol and a Peroxisome Proliferator-Activated Receptor Î ³ Ligand, Modulates Nuclear Factor of Activated T Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012, 342, 816-826.	1.3	19
26	Impaired NFAT and NFÎ ^B activation are involved in suppression of CD40 ligand expression by Î ⁹ -tetrahydrocannabinol in human CD4 ⁺ T cells. <i>Toxicology and Applied Pharmacology</i> , 2013, 273, 209-218.	1.3	18
27	Inhibition of leukocyte function and interleukin-2 gene expression by 2-methylarachidonyl-(2-fluoroethyl)amide, a stable congener of the endogenous cannabinoid receptor ligand anandamide. <i>Toxicology and Applied Pharmacology</i> , 2005, 205, 107-115.	1.3	17
28	Establishment of an Immunoglobulin M Antibody-Forming Cell Response Model for Characterizing Immunotoxicity in Primary Human B Cells. <i>Toxicological Sciences</i> , 2009, 112, 363-373.	1.4	17
29	Suppression of T cell costimulator ICOS by Î ⁹ -tetrahydrocannabinol. <i>Journal of Leukocyte Biology</i> , 2009, 85, 322-329.	1.5	17
30	Immunological characterization of the aryl hydrocarbon receptor (AHR) knockout rat in the presence and absence of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD). <i>Toxicology</i> , 2016, 368-369, 172-182.	2.0	17
31	Characterization of Endocannabinoid-Metabolizing Enzymes in Human Peripheral Blood Mononuclear Cells under Inflammatory Conditions. <i>Molecules</i> , 2018, 23, 3167.	1.7	17
32	Modulation of HIVGP120 Antigen-Specific Immune Responses In Vivo by Î ⁹ -Tetrahydrocannabinol. <i>Journal of NeuroImmune Pharmacology</i> , 2015, 10, 344-355.	2.1	15
33	Induced T cell cytokine production is enhanced by engineered nanoparticles. <i>Nanotoxicology</i> , 2014, 8, 11-23.	1.6	13
34	The Effects of Targeted Deletion of Cannabinoid Receptors CB ₁ and CB ₂ on Intranasal Sensitization and Challenge with Adjuvant-free Ovalbumin. <i>Toxicologic Pathology</i> , 2010, 38, 382-392.	0.9	12
35	TCDD attenuates EAE through induction of FasL on B cells and inhibition of IgG production. <i>Toxicology</i> , 2021, 448, 152646.	2.0	12
36	Contributions of Nonhematopoietic Cells and Mediators to Immune Responses: Implications For Immunotoxicology. <i>Toxicological Sciences</i> , 2015, 145, 214-232.	1.4	11

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37	TCDD adsorbed on silica as a model for TCDD contaminated soils: Evidence for suppression of humoral immunity in mice. <i>Toxicology</i> , 2011, 282, 82-87.	2.0	9
38	Suppression by Δ^9 -tetrahydrocannabinol of the primary immunoglobulin M response by human peripheral blood B cells is associated with impaired STAT3 activation. <i>Toxicology</i> , 2013, 310, 84-91.	2.0	9
39	Interferon- β renders tumors that express low levels of Her-2/neu sensitive to cytotoxic T cells. <i>Cancer Immunology, Immunotherapy</i> , 2006, 55, 653-662.	2.0	8
40	Suppression of humoral immune responses by 2,3,7,8-tetrachlorodibenzo-p-dioxin intercalated in smectite clay. <i>Environmental Toxicology and Chemistry</i> , 2011, 30, 2748-2755.	2.2	8
41	Effect of repeated juvenile exposure to Δ^9 -tetrahydrocannabinol on anxiety-related behavior and social interactions in adolescent rats. <i>Neurotoxicology and Teratology</i> , 2018, 69, 11-20.	1.2	8
42	REDIRECTING T LYMPHOCYTE SPECIFICITY USING T CELL RECEPTOR GENES. <i>International Reviews of Immunology</i> , 2003, 22, 229-253.	1.5	7
43	Persistent organic pollutants (POPs) increase rage signaling to promote downstream cardiovascular remodeling. <i>Environmental Toxicology</i> , 2019, 34, 1149-1159.	2.1	7
44	Neuroinflammation and B-Cell Phenotypes in Cervical and Lumbosacral Regions of the Spinal Cord in Experimental Autoimmune Encephalomyelitis in the Absence of Pertussis Toxin. <i>NeuroImmunoModulation</i> , 2019, 26, 198-207.	0.9	7
45	Immunomodulation by cannabinoids: Current uses, mechanisms, and identification of data gaps to be addressed for additional therapeutic application. <i>Advances in Pharmacology</i> , 2021, 91, 1-59.	1.2	7
46	Enhanced Humoral Immunity in Mice Lacking CB1 and CB2 Receptors (<i>Cnr1</i> ^{-/-} / <i>Cnr2</i> ^{-/-} Mice) is not Due to Increased Splenic Noradrenergic Neuronal Activity. <i>Journal of NeuroImmune Pharmacology</i> , 2014, 9, 544-557.	2.1	6
47	Reduced Noradrenergic Signaling in the Spleen Capsule in the Absence of CB1 and CB2 Cannabinoid Receptors. <i>Journal of NeuroImmune Pharmacology</i> , 2016, 11, 669-679.	2.1	6
48	Evaluation of Marijuana Compounds on Neuroimmune Endpoints in Experimental Autoimmune Encephalomyelitis. <i>Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al]</i> , 2018, 75, 11.25.1-11.25.22.	1.1	6
49	Effects of Chlorpyrifos on Serine Hydrolase Activities, Lipid Mediators, and Immune Responses in Lungs of Neonatal and Adult Mice. <i>Chemical Research in Toxicology</i> , 2021, 34, 1556-1571.	1.7	6
50	Comparison of the D2 Receptor Regulation and Neurotoxicant Susceptibility of Nigrostriatal Dopamine Neurons in Wild-Type and CB1/CB2 Receptor Knockout Mice. <i>Journal of NeuroImmune Pharmacology</i> , 2012, 7, 533-538.	2.1	5
51	Differential Modulation by Δ^9 -Tetrahydrocannabinol (Δ^9 -THC) of CD40 Ligand (CD40L) Expression in Activated Mouse Splenic CD4+ T cells. <i>Journal of NeuroImmune Pharmacology</i> , 2012, 7, 969-980.	2.1	5
52	The CB ₁ Receptor Differentially Regulates IFN- β Production <i>In Vitro</i> and in Experimental Autoimmune Encephalomyelitis. <i>Cannabis and Cannabinoid Research</i> , 2021, 6, 300-314.	1.5	4
53	TCDD Inhibition of IgG1 Production in Experimental Autoimmune Encephalomyelitis (EAE) and <i>In Vitro</i> . <i>Antibodies</i> , 2022, 11, 4.	1.2	3
54	A new murine tumor model for studying HLA-A2-restricted anti-tumor immunity. <i>Cancer Letters</i> , 2005, 224, 153-166.	3.2	2

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55	Endocannabinoid engagement of CB2 regulates RSV-induced immunity. <i>Virulence</i> , 2018, 9, 494-495.	1.8	0
56	Isolation of Transcriptomicâ€Quality Total RNA from Mouse Spinal Cords. <i>Current Protocols</i> , 2022, 2, e338.	1.3	0