Monica J Carson

List of Publications by Year
in descending order

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52 papers	4,489 citations	159585 30 h-index	214800 47 g-index
54 all docs	54 docs citations	54 times ranked	5698 citing authors

#	Article	IF	Citations
1	SPARC coordinates extracellular matrix remodeling and efficient recruitment to and migration of antigen-specific T cells in the brain following infection. Scientific Reports, 2021, 11, 4549.	3.3	5
2	Diet-Induced Obesity Elicits Macrophage Infiltration and Reduction in Spine Density in the Hypothalami of Male but Not Female Mice. Frontiers in Immunology, 2018, 9, 1992.	4.8	58
3	Continuous Inhalation Exposure to Fungal Allergen Particulates Induces Lung Inflammation While Reducing Innate Immune Molecule Expression in the Brainstem. ASN Neuro, 2018, 10, 175909141878230.	2.7	13
4	Differential detection of impact site versus rotational site injury by magnetic resonance imaging and microglial morphology in an unrestrained mild closed head injury model. Journal of Neurochemistry, 2016, 136, 18-28.	3.9	15
5	Non-traditional cytokines: How catecholamines and adipokines influence macrophages in immunity, metabolism and the central nervous system. Cytokine, 2015, 72, 210-219.	3.2	87
6	Glial cells as primary therapeutic targets for epilepsy. Neurochemistry International, 2013, 63, 635-637.	3.8	14
7	An Introduction to CNS-Resident Microglia: Definitions, Assays, and Functional Roles in Health and Disease. , 2013, , 3-29.		2
8	Visualizing Chemokine-Dependent T Cell Activation and Migration in Response to Central Nervous System Infection. Methods in Molecular Biology, 2013, 1013, 171-183.	0.9	1
9	Molecular Mechanisms and Consequences of Immune and Nervous System Interactions. , 2012, , 597-609.		1
10	Bone Marrow Transplantation Confers Modest Benefits in Mouse Models of Huntington's Disease. Journal of Neuroscience, 2012, 32, 133-142.	3.6	71
11	Computational analysis reveals increased blood deposition following repeated mild traumatic brain injury. NeuroImage: Clinical, 2012, 1, 18-28.	2.7	29
12	CNS-derived CCL21 is both sufficient to drive homeostatic CD4+ T cell proliferation and necessary for efficient CD4+ T cell migration into the CNS parenchyma following Toxoplasma gondii infection. Brain, Behavior, and Immunity, 2011, 25, 883-896.	4.1	49
13	LPS-induced CCL2 expression and macrophage influx into the murine central nervous system is polyamine-dependent. Brain, Behavior, and Immunity, 2011, 25, 629-639.	4.1	30
14	P2X4 receptors in activated C8-B4 cells of cerebellar microglial origin. Journal of General Physiology, 2010, 135, 333-353.	1.9	85
15	Dual Induction of TREM2 and Tolerance-Related Transcript, Tmem176b, in Amyloid Transgenic Mice: Implications for Vaccine-Based Therapies for Alzheimer's Disease. ASN Neuro, 2010, 2, AN20100010.	2.7	118
16	CCR7-Dependent Immunity during Acute <i>Toxoplasma gondii</i> Infection. Infection and Immunity, 2010, 78, 2257-2263.	2.2	55
17	P2X4 receptors in activated C8-B4 cells of cerebellar microglial origin. Journal of Cell Biology, 2010, 189, i7-i7.	5.2	0
18	Induction and effector phase of allergic lung inflammation is independent of CCL21/CCL19 and LT-beta. International Journal of Medical Sciences, 2009, 6, 85-92.	2.5	7

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19	Developmental Regulation of TREM2 and DAP12 Expression in the Murine CNS: Implications for Nasu-Hakola Disease. Neurochemical Research, 2009, 34, 38-45.	3.3	80
20	Differential gene expression in LPS/IFNÎ³ activated microglia and macrophages: <i>in vitro</i> versus <i>in vivo</i>. Journal of Neurochemistry, 2009, 109, 117-125.	3.9	135
21	When the Tail Can't Wag the Dog: The Implications of CNS-Intrinsic Initiation of Neuroinflammation. ASN Neuro, 2009, 1, AN20090024.	2.7	2
22	Modeling CNS microglia: the quest to identify predictive models. Drug Discovery Today: Disease Models, 2008, 5, 19-25.	1.2	27
23	Lymphotoxin Â Receptor (LtÂR): Dual Roles in Demyelination and Remyelination and Successful Therapeutic Intervention Using LtÂR-Ig Protein. Journal of Neuroscience, 2007, 27, 7429-7437.	3.6	46
24	Perspective is everything: An irreverent discussion of CNSâ€“immune system interactions as viewed from different scientific traditions. Brain, Behavior, and Immunity, 2007, 21, 367-373.	4.1	13
25	Induction of Golli-MBP Expression in CNS Macrophages During Acute LPS-Induced CNS Inflammation and Experimental Autoimmune Encephalomyelitis (EAE). Scientific World Journal, The, 2007, 7, 112-120.	2.1	7
26	A Rose by Any Other Name? The Potential Consequences of Microglial Heterogeneity During CNS Health and Disease. Neurotherapeutics, 2007, 4, 571-579.	4.4	104
27	Microglia and the control of autoreactive T cell responses. Neurochemistry International, 2006, 49, 145-153.	3.8	57
28	Microglia - The Professional Antigen-presenting Cells of the CNS?. , 2006, , 441-459.		1
29	CNS immune privilege: hiding in plain sight. Immunological Reviews, 2006, 213, 48-65.	6.0	638
30	The cellular response in neuroinflammation: The role of leukocytes, microglia and astrocytes in neuronal death and survival. Clinical Neuroscience Research, 2006, 6, 237-245.	0.8	214
31	Upregulation of the stress-associated gene p8 in mouse models of demyelination and in multiple sclerosis tissues. Glia, 2006, 53, 529-537.	4.9	21
32	CD4-Positive T Cell-Mediated Neuroprotection Requires Dual Compartment Antigen Presentation. Journal of Neuroscience, 2004, 24, 4333-4339.	3.6	126
33	Analysis of Microglial Gene Expression. Molecular Diagnosis and Therapy, 2004, 4, 321-330.	3.3	29
34	The two faces of CNS inflammation: Can we tell Dr. Jekyll from Mr. Hyde?. Brain, Behavior, and Immunity, 2003, 17, 415-416.	4.1	0
35	Leukocyte Infiltration, But Not Neurodegeneration, in the CNS of Transgenic Mice with Astrocyte Production of the CXC Chemokine Ligand 10. Journal of Immunology, 2002, 169, 1505-1515.	0.8	78
36	Microglia as liaisons between the immune and central nervous systems: Functional implications for multiple sclerosis. Glia, 2002, 40, 218-231.	4.9	209

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37	Heterogeneous expression of the triggering receptor expressed on myeloid cellsâ€2 on adult murine microglia. Journal of Neurochemistry, 2002, 83, 1309-1320.	3.9	307
38	A Ligand for the Chemokine Receptor CCR7 Can Influence the Homeostatic Proliferation of CD4 T Cells and Progression of Autoimmunity. Journal of Immunology, 2001, 167, 6724-6730.	0.8	97
39	IMMUNOLOGY: The Push-Me Pull-You of T Cell Activation. Science, 2001, 293, 618-619.	12.6	49
40	Pertussis toxin treatment prevents 5-HT5a receptor-mediated inhibition of cyclic AMP accumulation in rat C6 glioma cells. Journal of Neuroscience Research, 2000, 61, 75-81.	2.9	24
41	Astrocyte-Targeted Expression of IL-12 Induces Active Cellular Immune Responses in the Central Nervous System and Modulates Experimental Allergic Encephalomyelitis. Journal of Immunology, 2000, 164, 4481-4492.	0.8	95
42	Integrating innate and adaptive immunity in the whole animal. Immunological Reviews, 1999, 169, 225-239.	6.0	89
43	Balancing function vs. self defense: The CNS as an active regulator of immune responses. Journal of Neuroscience Research, 1999, 55, 1-8.	2.9	91
44	Microglia stimulate naive T-cell differentiation without stimulating T-cell proliferation. Journal of Neuroscience Research, 1999, 55, 127-134.	2.9	85
45	Disproportionate Recruitment of CD8+ T Cells into the Central Nervous System by Professional Antigen-Presenting Cells. American Journal of Pathology, 1999, 154, 481-494.	3.8	102
46	Microglia stimulate naive Tâ€cell differentiation without stimulating Tâ€cell proliferation. Journal of Neuroscience Research, 1999, 55, 127-134.	2.9	1
47	Mature microglia resemble immature antigen-presenting cells. Glia, 1998, 22, 72-85.	4.9	295
48	Late-Onset Chronic Inflammatory Encephalopathy in Immune-Competent and Severe Combined Immune-Deficient (SCID) Mice with Astrocyte-Targeted Expression of Tumor Necrosis Factor. American Journal of Pathology, 1998, 153, 767-783.	3.8	103
49	The 5-HT5A serotonin receptor is expressed predominantly by astrocytes in which it inhibits cAMP accumulation: A mechanism for neuronal suppression of reactive astrocytes. , 1996, 17, 317-326.		87
50	Insulin-like growth factor I increases brain growth and central nervous system myelination in tTransgenic mice. Neuron, 1993, 10, 729-740.	8.1	458
51	Regulation of Oligodendrocyte Development and Central Nervous System Myelination by Insulin-like Growth Factors. Annals of the New York Academy of Sciences, 1993, 692, 321-334.	3.8	98
52	Regulation of Oligodendrocyte Development by Insulinâ€Like Growth Factors and Cyclic Nucleotides^a. Annals of the New York Academy of Sciences, 1990, 605, 101-109.	3.8	57