

Richard M Ransohoff

List of Publications by Year in descending order

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323
papers

67,473
citations

1172

111
h-index

767

249
g-index

353
all docs

353
docs citations

353
times ranked

60369
citing authors

#	ARTICLE	IF	CITATIONS
1	Blocking immune cell infiltration of the central nervous system to tame Neuroinflammation in Amyotrophic lateral sclerosis. <i>Brain, Behavior, and Immunity</i> , 2022, 105, 1-14.	4.1	19
2	Isolation of Microglia and Analysis of Protein Expression by Flow Cytometry: Avoiding the Pitfall of Microglia Background Autofluorescence. <i>Bio-protocol</i> , 2021, 11, e4091.	0.4	1
3	Reactive astrocyte nomenclature, definitions, and future directions. <i>Nature Neuroscience</i> , 2021, 24, 312-325.	14.8	1,098
4	MOG autoantibodies trigger a tightly-controlled FcR and BTK-driven microglia proliferative response. <i>Brain</i> , 2021, 144, 2361-2374.	7.6	29
5	Microglial transcriptome analysis in the rNLS8 mouse model of TDP-43 proteinopathy reveals discrete expression profiles associated with neurodegenerative progression and recovery. <i>Acta Neuropathologica Communications</i> , 2021, 9, 140.	5.2	25
6	New BBB Model Reveals That IL-6 Blockade Suppressed the BBB Disorder, Preventing Onset of NMOSD. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2021, 8, .	6.0	40
7	Crosstalk Between Astrocytes and Microglia: An Overview. <i>Frontiers in Immunology</i> , 2020, 11, 1416.	4.8	224
8	BIN1 protein isoforms are differentially expressed in astrocytes, neurons, and microglia: neuronal and astrocyte BIN1 are implicated in tau pathology. <i>Molecular Neurodegeneration</i> , 2020, 15, 44.	10.8	32
9	Organotypic Brain Slice Culture Microglia Exhibit Molecular Similarity to Acutely-Isolated Adult Microglia and Provide a Platform to Study Neuroinflammation. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 592005.	3.7	29
10	Natural killer cells modulate motor neuron-immune cell cross talk in models of Amyotrophic Lateral Sclerosis. <i>Nature Communications</i> , 2020, 11, 1773.	12.8	93
11	Differential accumulation of storage bodies with aging defines discrete subsets of microglia in the healthy brain. <i>ELife</i> , 2020, 9, .	6.0	49
12	Cell-autonomous and non-cell autonomous effects of neuronal BIN1 loss in vivo. <i>PLoS ONE</i> , 2019, 14, e0220125.	2.5	17
13	BIN1 favors the spreading of Tau via extracellular vesicles. <i>Scientific Reports</i> , 2019, 9, 9477.	3.3	107
14	Sensory lesioning induces microglial synapse elimination via ADAM10 and fractalkine signaling. <i>Nature Neuroscience</i> , 2019, 22, 1075-1088.	14.8	207
15	Single-cell transcriptomic analysis of Alzheimer's disease. <i>Nature</i> , 2019, 570, 332-337.	27.8	1,528
16	To Sleep, Perchance to Survive?. <i>Trends in Immunology</i> , 2019, 40, 273-274.	6.8	0
17	<i>Cx3cr1</i> -deficient microglia exhibit a premature aging transcriptome. <i>Life Science Alliance</i> , 2019, 2, e201900453.	2.8	64
18	Microglia-mediated recovery from ALS-relevant motor neuron degeneration in a mouse model of TDP-43 proteinopathy. <i>Nature Neuroscience</i> , 2018, 21, 329-340.	14.8	220

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19	Concussion, microvascular injury, and early tauopathy in young athletes after impact head injury and an impact concussion mouse model. <i>Brain</i> , 2018, 141, 422-458.	7.6	315
20	Infiltrating macrophages are broadly activated at the early stage to support acute skeletal muscle injury repair. <i>Journal of Neuroimmunology</i> , 2018, 317, 55-66.	2.3	32
21	Effect of PF-00547659 on Central Nervous System Immune Surveillance and Circulating \hat{I}^{27+} T Cells in Crohn's Disease: Report of the TOSCA Study. <i>Journal of Crohn's and Colitis</i> , 2018, 12, 188-196.	1.3	24
22	Traumatic Brain Injury in hTau Model Mice: Enhanced Acute Macrophage Response and Altered Long-Term Recovery. <i>Journal of Neurotrauma</i> , 2018, 35, 73-84.	3.4	26
23	All (animal) models (of neurodegeneration) are wrong. Are they also useful?. <i>Journal of Experimental Medicine</i> , 2018, 215, 2955-2958.	8.5	54
24	Role of the Fractalkine Receptor in CNS Autoimmune Inflammation: New Approach Utilizing a Mouse Model Expressing the Human CX3CR1 Δ 249/M280 Variant. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 365.	3.7	44
25	Immune-cell crosstalk in multiple sclerosis. <i>Nature</i> , 2018, 563, 194-195.	27.8	13
26	A whole-genome sequence study identifies genetic risk factors for neuromyelitis optica. <i>Nature Communications</i> , 2018, 9, 1929.	12.8	73
27	The Trem2 R47H variant confers loss-of-function-like phenotypes in Alzheimer's disease. <i>Molecular Neurodegeneration</i> , 2018, 13, 29.	10.8	147
28	TLR-stimulated IRAK1 activates caspase-8 inflammasome in microglia and promotes neuroinflammation. <i>Journal of Clinical Investigation</i> , 2018, 128, 5399-5412.	8.2	78
29	Should We Stop Saying "Gliosis" and "Neuroinflammation"? <i>Trends in Molecular Medicine</i> , 2017, 23, 486-500.		77
30	IL-17 induced NOTCH1 activation in oligodendrocyte progenitor cells enhances proliferation and inflammatory gene expression. <i>Nature Communications</i> , 2017, 8, 15508.	12.8	71
31	An environment-dependent transcriptional network specifies human microglia identity. <i>Science</i> , 2017, 356, .	12.6	911
32	Effects of neuromyelitis optica IgG at the blood-brain barrier in vitro. <i>Neurology: Neuroimmunology and Neuroinflammation</i> , 2017, 4, e311.	6.0	153
33	Disease Progression-Dependent Effects of TREM2 Deficiency in a Mouse Model of Alzheimer's Disease. <i>Journal of Neuroscience</i> , 2017, 37, 637-647.	3.6	329
34	Glucose-regulated protein 78 autoantibody associates with blood-brain barrier disruption in neuromyelitis optica. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	110
35	A Neuroprotective Effect of the Glutamate Receptor Antagonist MK801 on Long-Term Cognitive and Behavioral Outcomes Secondary to Experimental Cerebral Malaria. <i>Molecular Neurobiology</i> , 2017, 54, 7063-7082.	4.0	25
36	CCR2 deficiency does not provide sustained improvement of muscular dystrophy in mdx mice. <i>FASEB Journal</i> , 2017, 31, 35-46.	0.5	27

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37	Specks of insight into Alzheimer's disease. <i>Nature</i> , 2017, 552, 342-343.	27.8	14
38	TREM2 deficiency exacerbates tau pathology through dysregulated kinase signaling in a mouse model of tauopathy. <i>Molecular Neurodegeneration</i> , 2017, 12, 74.	10.8	208
39	Disease Progression-Dependent Effects of TREM2 Deficiency in a Mouse Model of Alzheimer's Disease. <i>Journal of Neuroscience</i> , 2017, 37, 637-647.	3.6	52
40	GRP78 autoantibodies initiate the breakdown of the blood-brain barrier in neuromyelitis optica. <i>Oncotarget</i> , 2017, 8, 106175-106176.	1.8	2
41	CX3CR1-dependent recruitment of mature NK cells into the central nervous system contributes to control autoimmune neuroinflammation. <i>European Journal of Immunology</i> , 2016, 46, 1984-1996.	2.9	56
42	Cancer Stem Cell-Secreted Macrophage Migration Inhibitory Factor Stimulates Myeloid Derived Suppressor Cell Function and Facilitates Glioblastoma Immune Evasion. <i>Stem Cells</i> , 2016, 34, 2026-2039.	3.2	189
43	Identification and Function of Fibrocytes in Skeletal Muscle Injury Repair and Muscular Dystrophy. <i>Journal of Immunology</i> , 2016, 197, 4750-4761.	0.8	22
44	Surprises from the sanitary engineers. <i>Nature</i> , 2016, 532, 185-186.	27.8	8
45	The blood-brain barrier. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2016, 133, 39-59.	1.8	152
46	Infiltrating monocytes promote brain inflammation and exacerbate neuronal damage after status epilepticus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E5665-74.	7.1	266
47	Efficient derivation of microglia-like cells from human pluripotent stem cells. <i>Nature Medicine</i> , 2016, 22, 1358-1367.	30.7	486
48	How neuroinflammation contributes to neurodegeneration. <i>Science</i> , 2016, 353, 777-783.	12.6	1,408
49	A polarizing question: do M1 and M2 microglia exist?. <i>Nature Neuroscience</i> , 2016, 19, 987-991.	14.8	1,177
50	Reply. <i>Annals of Neurology</i> , 2016, 80, 793-794.	5.3	0
51	T cell-intrinsic ASC critically promotes TH17-mediated experimental autoimmune encephalomyelitis. <i>Nature Immunology</i> , 2016, 17, 583-592.	14.5	127
52	Microglial Physiology and Pathophysiology: Insights from Genome-wide Transcriptional Profiling. <i>Immunity</i> , 2016, 44, 505-515.	14.3	309
53	Neutrophil depletion after subarachnoid hemorrhage improves memory via NMDA receptors. <i>Brain, Behavior, and Immunity</i> , 2016, 54, 233-242.	4.1	73
54	CXCR3 deficiency delays acute skeletal muscle injury repair by impairing macrophage functions. <i>FASEB Journal</i> , 2016, 30, 380-393.	0.5	58

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55	Microglia in Health and Disease. Cold Spring Harbor Perspectives in Biology, 2016, 8, a020560.	5.5	211
56	Altered Neuroinflammation and Behavior after Traumatic Brain Injury in a Mouse Model of Alzheimer's Disease. Journal of Neurotrauma, 2016, 33, 625-640.	3.4	42
57	A destructive feedback loop mediated by CXCL 10 in central nervous system inflammatory disease. Annals of Neurology, 2015, 78, 619-629.	5.3	26
58	Blood-brain barrier and neurological diseases. Clinical and Experimental Neuroimmunology, 2015, 6, 351-361.	1.0	7
59	Editorial Research Topic "Chemokines and chemokine receptors in brain homeostasis" Frontiers in Cellular Neuroscience, 2015, 9, 132.	3.7	7
60	Multiple sclerosis "a quiet revolution. Nature Reviews Neurology, 2015, 11, 134-142.	10.1	286
61	TREM2 deficiency eliminates TREM2+ inflammatory macrophages and ameliorates pathology in Alzheimer's disease mouse models. Journal of Experimental Medicine, 2015, 212, 287-295.	8.5	538
62	Nuclear Receptors License Phagocytosis by Trem2 ⁺ Myeloid Cells in Mouse Models of Alzheimer's Disease. Journal of Neuroscience, 2015, 35, 6532-6543.	3.6	144
63	Reactive microglia drive tau pathology and contribute to the spreading of pathological tau in the brain. Brain, 2015, 138, 1738-1755.	7.6	417
64	Macrophage Migration Inhibitory Factor, the Zelig of Cytokines, Is a Chaperone for SOD1 in Non-Neuronal Cells. Neuron, 2015, 86, 2-3.	8.1	1
65	Immune attack: the role of inflammation in Alzheimer disease. Nature Reviews Neuroscience, 2015, 16, 358-372.	10.2	1,677
66	Inflammatory reaction after traumatic brain injury: therapeutic potential of targeting cell-cell communication by chemokines. Trends in Pharmacological Sciences, 2015, 36, 471-480.	8.7	263
67	Neuroinflammation in Alzheimer's disease. Lancet Neurology, The, 2015, 14, 388-405.	10.2	4,129
68	A dynamic spectrum of monocytes arising from the in situ reprogramming of CCR2+ monocytes at a site of sterile injury. Journal of Experimental Medicine, 2015, 212, 447-456.	8.5	367
69	Neuroinflammation: Ways in Which the Immune System Affects the Brain. Neurotherapeutics, 2015, 12, 896-909.	4.4	170
70	Sphingosine 1 Phosphate at the Blood Brain Barrier: Can the Modulation of S1P Receptor 1 Influence the Response of Endothelial Cells and Astrocytes to Inflammatory Stimuli?. PLoS ONE, 2015, 10, e0133392.	2.5	72
71	Loss of CX3CR1 increases accumulation of inflammatory monocytes and promotes gliomagenesis. Oncotarget, 2015, 6, 15077-15094.	1.8	154
72	Mitochondrial immobilization mediated by syntaphilin facilitates survival of demyelinated axons. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 9953-9958.	7.1	98

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73	Microglial derived tumor necrosis factor- β drives Alzheimer's disease-related neuronal cell cycle events. <i>Neurobiology of Disease</i> , 2014, 62, 273-285.	4.4	120
74	Identification of a unique TGF- β -dependent molecular and functional signature in microglia. <i>Nature Neuroscience</i> , 2014, 17, 131-143.	14.8	2,056
75	Opposing Effects of Membrane-Anchored CX3CL1 on Amyloid and Tau Pathologies via the p38 MAPK Pathway. <i>Journal of Neuroscience</i> , 2014, 34, 12538-12546.	3.6	98
76	MyD88-dependent interplay between myeloid and endothelial cells in the initiation and progression of obesity-associated inflammatory diseases. <i>Journal of Experimental Medicine</i> , 2014, 211, 887-907.	8.5	70
77	Involvement of junctional adhesion molecules in the pathogenesis of experimental autoimmune encephalomyelitis. <i>Journal of Neuroimmunology</i> , 2014, 275, 34.	2.3	0
78	Rapid Remodeling of Tight Junctions during Paracellular Diapedesis in a Human Model of the Blood-Brain Barrier. <i>Journal of Immunology</i> , 2014, 193, 2427-2437.	0.8	81
79	Ontogeny and Functions of Central Nervous System Macrophages. <i>Journal of Immunology</i> , 2014, 193, 2615-2621.	0.8	113
80	Good barriers make good neighbors. <i>Science</i> , 2014, 346, 36-37.	12.6	3
81	Systemic Lipopolysaccharide Induces Cochlear Inflammation and Exacerbates the Synergistic Ototoxicity of Kanamycin and Furosemide. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2014, 15, 555-570.	1.8	76
82	Differential roles of microglia and monocytes in the inflamed central nervous system. <i>Journal of Experimental Medicine</i> , 2014, 211, 1533-1549.	8.5	711
83	An in vitro blood-brain barrier model combining shear stress and endothelial cell/astrocyte co-culture. <i>Journal of Neuroscience Methods</i> , 2014, 232, 165-172.	2.5	66
84	Clinical outcomes following surgical management of coexistent cervical stenosis and multiple sclerosis: a cohort-controlled analysis. <i>Spine Journal</i> , 2014, 14, 331-337.	1.3	12
85	Modulating neurotoxicity through CX3CL1/CX3CR1 signaling. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 229.	3.7	182
86	CCR4 Agonists CCL22 and CCL17 are Elevated in Pediatric OMS Sera: Rapid and Selective Down-Regulation of CCL22 by ACTH or Corticosteroids. <i>Journal of Clinical Immunology</i> , 2013, 33, 817-825.	3.8	13
87	Regulation of Adaptive Immunity by the Fractalkine Receptor during Autoimmune Inflammation. <i>Journal of Immunology</i> , 2013, 191, 1063-1072.	0.8	76
88	Development, maintenance and disruption of the blood-brain barrier. <i>Nature Medicine</i> , 2013, 19, 1584-1596.	30.7	1,750
89	Editors' preface: Microglia—A new era dawns. <i>Glia</i> , 2013, 61, 1-2.	4.9	7
90	Characterization of natural killer cells in paired CSF and blood samples during neuroinflammation. <i>Journal of Neuroimmunology</i> , 2013, 254, 165-169.	2.3	30

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91	Synaptic plasticity in the hippocampus shows resistance to acute ethanol exposure in transgenic mice with astrocyte-targeted enhanced CCL2 expression. <i>Neuropharmacology</i> , 2013, 67, 115-125.	4.1	32
92	CCR7 signaling in pediatric opsoclonus/“myoclonus: Upregulated serum CCL21 expression is steroid-responsive. <i>Cytokine</i> , 2013, 64, 331-336.	3.2	14
93	Act1 mediates IL-17-induced EAE pathogenesis selectively in NG2+ glial cells. <i>Nature Neuroscience</i> , 2013, 16, 1401-1408.	14.8	174
94	Immunological and clinical consequences of treating a patient with natalizumab. <i>Multiple Sclerosis Journal</i> , 2012, 18, 335-344.	3.0	40
95	Bone Marrow Transplantation Confers Modest Benefits in Mouse Models of Huntington's Disease. <i>Journal of Neuroscience</i> , 2012, 32, 133-142.	3.6	71
96	Illuminating neuromyelitis optica pathogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 1001-1002.	7.1	23
97	The Fractalkine Receptor but Not CCR2 Is Present on Microglia from Embryonic Development throughout Adulthood. <i>Journal of Immunology</i> , 2012, 188, 29-36.	0.8	305
98	Microglial repopulation model reveals a robust homeostatic process for replacing CNS myeloid cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 18150-18155.	7.1	210
99	CXCL12-Induced Monocyte-Endothelial Interactions Promote Lymphocyte Transmigration Across an in Vitro Blood-Brain Barrier. <i>Science Translational Medicine</i> , 2012, 4, 119ra14.	12.4	65
100	Microglia Sculpt Postnatal Neural Circuits in an Activity and Complement-Dependent Manner. <i>Neuron</i> , 2012, 74, 691-705.	8.1	3,040
101	The anatomical and cellular basis of immune surveillance in the central nervous system. <i>Nature Reviews Immunology</i> , 2012, 12, 623-635.	22.7	790
102	Innate immunity in the central nervous system. <i>Journal of Clinical Investigation</i> , 2012, 122, 1164-1171.	8.2	805
103	Role of CCR2 in immunobiology and neurobiology. <i>Clinical and Experimental Neuroimmunology</i> , 2012, 3, 16-29.	1.0	25
104	Licensed in the lungs. <i>Nature</i> , 2012, 488, 595-596.	27.8	6
105	Chemokine CXCL12 in neurodegenerative diseases: an SOS signal for stem cell-based repair. <i>Trends in Neurosciences</i> , 2012, 35, 619-628.	8.6	81
106	IL-17-Induced Act1-Mediated Signaling Is Critical for Cuprizone-Induced Demyelination. <i>Journal of Neuroscience</i> , 2012, 32, 8284-8292.	3.6	58
107	Re-establishing immunological self-tolerance in autoimmune disease. <i>Nature Medicine</i> , 2012, 18, 54-58.	30.7	65
108	Animal models of multiple sclerosis: the good, the bad and the bottom line. <i>Nature Neuroscience</i> , 2012, 15, 1074-1077.	14.8	291

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109	Inflammatory cell trafficking across the blood-brain barrier: chemokine regulation and <i>in vitro</i> models. <i>Immunological Reviews</i> , 2012, 248, 228-239.	6.0	272
110	Key role of CXCL13/CXCR5 axis for cerebrospinal fluid B cell recruitment in pediatric OMS. <i>Journal of Neuroimmunology</i> , 2012, 243, 81-88.	2.3	43
111	Chemokine receptor CXCR2: Physiology regulator and neuroinflammation controller?. <i>Journal of Neuroimmunology</i> , 2012, 246, 1-9.	2.3	84
112	Perspective: Let the sunshine in!. <i>Nature</i> , 2012, 484, S8-S8.	27.8	1
113	Macrophages recruited <i>via</i> CCR2 produce insulin-like growth factor-1 to repair acute skeletal muscle injury. <i>FASEB Journal</i> , 2011, 25, 358-369.	0.5	225
114	CXCR3-Dependent Plasma Blast Migration to the Central Nervous System during Viral Encephalomyelitis. <i>Journal of Virology</i> , 2011, 85, 6136-6147.	3.4	53
115	Microglia and monocytes: 'tis plain the twain meet in the brain. <i>Nature Neuroscience</i> , 2011, 14, 1098-1100.	14.8	36
116	Inflammatory Cortical Demyelination in Early Multiple Sclerosis. <i>New England Journal of Medicine</i> , 2011, 365, 2188-2197.	27.0	922
117	Blood ties. <i>Nature</i> , 2011, 477, 41-42.	27.8	6
118	Antiinflammatory Autoimmune Cellular Responses to Cardiac Troponin I in Idiopathic Dilated Cardiomyopathy. <i>Journal of Cardiac Failure</i> , 2011, 17, 359-365.	1.7	9
119	Excessive Biologic Response to IFN γ Is Associated with Poor Treatment Response in Patients with Multiple Sclerosis. <i>PLoS ONE</i> , 2011, 6, e19262.	2.5	38
120	G-CSF-mediated thrombopoietin release triggers neutrophil motility and mobilization from bone marrow via induction of Cxcr2 ligands. <i>Blood</i> , 2011, 117, 4349-4357.	1.4	179
121	D6 facilitates cellular migration and fluid flow to lymph nodes by suppressing lymphatic congestion. <i>Blood</i> , 2011, 118, 6220-6229.	1.4	70
122	Analyses of phenotypic and functional characteristics of CX3CR1-expressing natural killer cells. <i>Immunology</i> , 2011, 133, 62-73.	4.4	72
123	Depletion of Ly6G/C+ cells ameliorates delayed cerebral vasospasm in subarachnoid hemorrhage. <i>Journal of Neuroimmunology</i> , 2011, 232, 94-100.	2.3	72
124	Heterogeneity of CNS myeloid cells and their roles in neurodegeneration. <i>Nature Neuroscience</i> , 2011, 14, 1227-1235.	14.8	606
125	Impaired respiratory function in <i>mdx</i> and <i>mdx/utrn</i> ^{+/Δ} mice. <i>Muscle and Nerve</i> , 2011, 43, 263-267.	2.2	56
126	Multiple sclerosis normal-appearing white matter: Pathology-imaging correlations. <i>Annals of Neurology</i> , 2011, 70, 764-773.	5.3	235

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127	Chemokine receptor CXCR4 signaling modulates the growth factor-induced cell cycle of self-renewing and multipotent neural progenitor cells. <i>Glia</i> , 2011, 59, 108-118.	4.9	40
128	CXCR2 signaling protects oligodendrocyte progenitor cells from IFN- β /CXCL10-mediated apoptosis. <i>Glia</i> , 2011, 59, 1518-1528.	4.9	42
129	MMP9 deficiency does not decrease blood-brain barrier disruption, but increases astrocyte MMP3 expression during viral encephalomyelitis. <i>Glia</i> , 2011, 59, 1770-1781.	4.9	24
130	CX3CR1 Protein Signaling Modulates Microglial Activation and Protects against Plaque-independent Cognitive Deficits in a Mouse Model of Alzheimer Disease. <i>Journal of Biological Chemistry</i> , 2011, 286, 32713-32722.	3.4	225
131	The role of cell type-specific responses in IFN- β therapy of multiple sclerosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 19689-19694.	7.1	32
132	Deficient CX3CR1 Signaling Promotes Recovery after Mouse Spinal Cord Injury by Limiting the Recruitment and Activation of Ly6Clo/iNOS+ Macrophages. <i>Journal of Neuroscience</i> , 2011, 31, 9910-9922.	3.6	188
133	How Many Cell Types Does It Take to Wire a Brain?. <i>Science</i> , 2011, 333, 1391-1392.	12.6	30
134	Acute skeletal muscle injury: CCL2 expression by both monocytes and injured muscle is required for repair. <i>FASEB Journal</i> , 2011, 25, 3344-3355.	0.5	192
135	Expression of Fractalkine Receptor CX3CR1 on Cochlear Macrophages Influences Survival of Hair Cells Following Ototoxic Injury. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2010, 11, 223-234.	1.8	89
136	PML risk and natalizumab: more questions than answers. <i>Lancet Neurology</i> , The, 2010, 9, 231-233.	10.2	14
137	Two-photon laser scanning microscopy imaging of intact spinal cord and cerebral cortex reveals requirement for CXCR6 and neuroinflammation in immune cell infiltration of cortical injury sites. <i>Journal of Immunological Methods</i> , 2010, 352, 89-100.	1.4	85
138	Astrocyte-Restricted Ablation of Interleukin-17-Induced Act1-Mediated Signaling Ameliorates Autoimmune Encephalomyelitis. <i>Immunity</i> , 2010, 32, 414-425.	14.3	265
139	The myeloid cells of the central nervous system parenchyma. <i>Nature</i> , 2010, 468, 253-262.	27.8	670
140	Turning over the Chance card on MS susceptibility. <i>Nature Immunology</i> , 2010, 11, 570-572.	14.5	3
141	CXCR2-positive neutrophils are essential for cuprizone-induced demyelination: relevance to multiple sclerosis. <i>Nature Neuroscience</i> , 2010, 13, 319-326.	14.8	209
142	CXCR2 Signaling Protects Oligodendrocytes and Restricts Demyelination in a Mouse Model of Viral-Induced Demyelination. <i>PLoS ONE</i> , 2010, 5, e11340.	2.5	48
143	Myelin Repair Is Accelerated by Inactivating CXCR2 on Nonhematopoietic Cells. <i>Journal of Neuroscience</i> , 2010, 30, 9074-9083.	3.6	75
144	STAT-Phosphorylation-Independent Induction of Interferon Regulatory Factor-9 by Interferon- β . <i>Journal of Interferon and Cytokine Research</i> , 2010, 30, 163-170.	1.2	13

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145	Major Differences in the Responses of Primary Human Leukocyte Subsets to IFN- $\hat{2}$. <i>Journal of Immunology</i> , 2010, 185, 5888-5899.	0.8	64
146	Monocytes Regulate T Cell Migration through the Glia Limitans during Acute Viral Encephalitis. <i>Journal of Virology</i> , 2010, 84, 4878-4888.	3.4	62
147	Regulation of Tau Pathology by the Microglial Fractalkine Receptor. <i>Neuron</i> , 2010, 68, 19-31.	8.1	532
148	CXCL12 and CXCR4 in bone marrow physiology. <i>Expert Review of Hematology</i> , 2010, 3, 315-322.	2.2	92
149	CX3CR1 Deficiency Alters Microglial Activation and Reduces Beta-Amyloid Deposition in Two Alzheimer's Disease Mouse Models. <i>American Journal of Pathology</i> , 2010, 177, 2549-2562.	3.8	403
150	Selective Chemokine Receptor Usage by Central Nervous System Myeloid Cells in CCR2-Red Fluorescent Protein Knock-In Mice. <i>PLoS ONE</i> , 2010, 5, e13693.	2.5	490
151	CCL2 Accelerates Microglia-Mediated A $\hat{2}$ Oligomer Formation and Progression of Neurocognitive Dysfunction. <i>PLoS ONE</i> , 2009, 4, e6197.	2.5	100
152	Roles of IKK- $\hat{2}$, IRF1, and p65 in the Activation of Chemokine Genes by Interferon- $\hat{3}$. <i>Journal of Interferon and Cytokine Research</i> , 2009, 29, 817-824.	1.2	37
153	Immunotherapy for Multiple Sclerosis. <i>Archives of Neurology</i> , 2009, 66, 1193-4.	4.5	3
154	AAV1/2-mediated CNS Gene Delivery of Dominant-negative CCL2 Mutant Suppresses Gliosis, $\hat{2}$ -amyloidosis, and Learning Impairment of APP/PS1 Mice. <i>Molecular Therapy</i> , 2009, 17, 803-809.	8.2	62
155	Imaging Correlates of Leukocyte Accumulation and CXCR4/CXCL12 in Multiple Sclerosis. <i>Archives of Neurology</i> , 2009, 66, 44-53.	4.5	63
156	Chapter 4 Double-Label Nonradioactive In Situ Hybridization for the Analysis of Chemokine Receptor Expression in the Central Nervous System. <i>Methods in Enzymology</i> , 2009, 460, 91-103.	1.0	1
157	A Protective Role for ELR+ Chemokines during Acute Viral Encephalomyelitis. <i>PLoS Pathogens</i> , 2009, 5, e1000648.	4.7	53
158	$\hat{4}$ Integrin/FN-CS1 mediated leukocyte adhesion to brain microvascular endothelial cells under flow conditions. <i>Journal of Neuroimmunology</i> , 2009, 210, 92-99.	2.3	51
159	The roles of chemokine CXCL12 in embryonic and brain tumor angiogenesis. <i>Seminars in Cancer Biology</i> , 2009, 19, 111-115.	9.6	65
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