

# Richard M Ransohoff

## 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.

310  
papers

52,057  
citations

104  
h-index

225  
g-index

353  
ext. papers

60,866  
ext. citations

11.5  
avg, IF

8.1  
L-index

#	Paper	IF	Citations
310	New BBB Model Reveals That IL-6 Blockade Suppressed the BBB Disorder, Preventing Onset of NMO. <i>Neurology: Neuroimmunology and Neuroinflammation</i> , <b>2021</b> , 8,	9.1	3
309	MOG autoantibodies trigger a tightly-controlled FcR and BTK-driven microglia proliferative response. <i>Brain</i> , <b>2021</b> , 144, 2361-2374	11.2	4
308	Isolation of Microglia and Analysis of Protein Expression by Flow Cytometry: Avoiding the Pitfall of Microglia Background Autofluorescence. <i>Bio-protocol</i> , <b>2021</b> , 11, e4091	0.9	1
307	Reactive astrocyte nomenclature, definitions, and future directions. <i>Nature Neuroscience</i> , <b>2021</b> , 24, 312-325	35	298
306	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> , <b>2021</b> , 9, 140	7.3	1
305	Differential accumulation of storage bodies with aging defines discrete subsets of microglia in the healthy brain. <i>ELife</i> , <b>2020</b> , 9,	8.9	15
304	Crosstalk Between Astrocytes and Microglia: An Overview. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 1416	8.4	75
303	BIN1 protein isoforms are differentially expressed in astrocytes, neurons, and microglia: neuronal and astrocyte BIN1 are implicated in tau pathology. <i>Molecular Neurodegeneration</i> , <b>2020</b> , 15, 44	19	9
302	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> , <b>2020</b> , 14, 592005	6.1	9
301	Natural killer cells modulate motor neuron-immune cell cross talk in models of Amyotrophic Lateral Sclerosis. <i>Nature Communications</i> , <b>2020</b> , 11, 1773	17.4	36
300	Sensory lesioning induces microglial synapse elimination via ADAM10 and fractalkine signaling. <i>Nature Neuroscience</i> , <b>2019</b> , 22, 1075-1088	25.5	109
299	Single-cell transcriptomic analysis of Alzheimer's disease. <i>Nature</i> , <b>2019</b> , 570, 332-337	50.4	682
298	To Sleep, Perchance to Survive?. <i>Trends in Immunology</i> , <b>2019</b> , 40, 273-274	14.4	
297	Cell-autonomous and non-cell autonomous effects of neuronal BIN1 loss in vivo. <i>PLoS ONE</i> , <b>2019</b> , 14, e0220125	3.7	11
296	BIN1 favors the spreading of Tau via extracellular vesicles. <i>Scientific Reports</i> , <b>2019</b> , 9, 9477	4.9	59
295	deficient microglia exhibit a premature aging transcriptome. <i>Life Science Alliance</i> , <b>2019</b> , 2,	5.8	32
294	Microglia-mediated recovery from ALS-relevant motor neuron degeneration in a mouse model of TDP-43 proteinopathy. <i>Nature Neuroscience</i> , <b>2018</b> , 21, 329-340	25.5	142

293	Concussion, microvascular injury, and early tauopathy in young athletes after impact head injury and an impact concussion mouse model. <i>Brain</i> , <b>2018</b> , 141, 422-458	11.2	231
292	Infiltrating macrophages are broadly activated at the early stage to support acute skeletal muscle injury repair. <i>Journal of Neuroimmunology</i> , <b>2018</b> , 317, 55-66	3.5	21
291	Effect of PF-00547659 on Central Nervous System Immune Surveillance and Circulating $\gamma$ + T Cells in Crohn's Disease: Report of the TOSCA Study. <i>Journal of Crohns and Colitis</i> , <b>2018</b> , 12, 188-196	1.5	17
290	Traumatic Brain Injury in hTau Model Mice: Enhanced Acute Macrophage Response and Altered Long-Term Recovery. <i>Journal of Neurotrauma</i> , <b>2018</b> , 35, 73-84	5.4	22
289	The Trem2 R47H variant confers loss-of-function-like phenotypes in Alzheimer's disease. <i>Molecular Neurodegeneration</i> , <b>2018</b> , 13, 29	19	95
288	TLR-stimulated IRAKM activates caspase-8 inflammasome in microglia and promotes neuroinflammation. <i>Journal of Clinical Investigation</i> , <b>2018</b> , 128, 5399-5412	15.9	41
287	All (animal) models (of neurodegeneration) are wrong. Are they also useful?. <i>Journal of Experimental Medicine</i> , <b>2018</b> , 215, 2955-2958	16.6	33
286	Role of the Fractalkine Receptor in CNS Autoimmune Inflammation: New Approach Utilizing a Mouse Model Expressing the Human CX3CR1 Variant. <i>Frontiers in Cellular Neuroscience</i> , <b>2018</b> , 12, 365	6.1	19
285	A whole-genome sequence study identifies genetic risk factors for neuromyelitis optica. <i>Nature Communications</i> , <b>2018</b> , 9, 1929	17.4	48
284	Should We Stop Saying 'Glia' and 'Neuroinflammation'?. <i>Trends in Molecular Medicine</i> , <b>2017</b> , 23, 486-500	11.5	58
283	IL-17 induced NOTCH1 activation in oligodendrocyte progenitor cells enhances proliferation and inflammatory gene expression. <i>Nature Communications</i> , <b>2017</b> , 8, 15508	17.4	43
282	An environment-dependent transcriptional network specifies human microglia identity. <i>Science</i> , <b>2017</b> , 356,	33.3	544
281	Effects of neuromyelitis optica-IgG at the blood-brain barrier in vitro. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , <b>2017</b> , 4, e311	9.1	98
280	Disease Progression-Dependent Effects of TREM2 Deficiency in a Mouse Model of Alzheimer's Disease. <i>Journal of Neuroscience</i> , <b>2017</b> , 37, 637-647	6.6	225
279	TREM2 deficiency exacerbates tau pathology through dysregulated kinase signaling in a mouse model of tauopathy. <i>Molecular Neurodegeneration</i> , <b>2017</b> , 12, 74	19	125
278	Glucose-regulated protein 78 autoantibody associates with blood-brain barrier disruption in neuromyelitis optica. <i>Science Translational Medicine</i> , <b>2017</b> , 9,	17.5	81
277	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> , <b>2017</b> , 54, 7063-7082	6.2	13
276	CCR2 deficiency does not provide sustained improvement of muscular dystrophy in mdx5cv mice. <i>FASEB Journal</i> , <b>2017</b> , 31, 35-46	0.9	15

275	Specks of insight into Alzheimer's disease. <i>Nature</i> , <b>2017</b> , 552, 342-343	50.4	11
274	Disease Progression-Dependent Effects of TREM2 Deficiency in a Mouse Model of Alzheimer's Disease. <i>Journal of Neuroscience</i> , <b>2017</b> , 37, 637-647	6.6	10
273	Altered Neuroinflammation and Behavior after Traumatic Brain Injury in a Mouse Model of Alzheimer's Disease. <i>Journal of Neurotrauma</i> , <b>2016</b> , 33, 625-40	5.4	26
272	How neuroinflammation contributes to neurodegeneration. <i>Science</i> , <b>2016</b> , 353, 777-83	33.3	955
271	A polarizing question: do M1 and M2 microglia exist?. <i>Nature Neuroscience</i> , <b>2016</b> , 19, 987-91	25.5	833
270	Reply. <i>Annals of Neurology</i> , <b>2016</b> , 80, 793-794	9.4	
269	T cell-intrinsic ASC critically promotes T(H)17-mediated experimental autoimmune encephalomyelitis. <i>Nature Immunology</i> , <b>2016</b> , 17, 583-92	19.1	98
268	Microglial Physiology and Pathophysiology: Insights from Genome-wide Transcriptional Profiling. <i>Immunity</i> , <b>2016</b> , 44, 505-515	32.3	200
267	Neutrophil depletion after subarachnoid hemorrhage improves memory via NMDA receptors. <i>Brain, Behavior, and Immunity</i> , <b>2016</b> , 54, 233-242	16.6	39
266	CX3CR1 deficiency delays acute skeletal muscle injury repair by impairing macrophage functions. <i>FASEB Journal</i> , <b>2016</b> , 30, 380-93	0.9	43
265	CX3CR1-dependent recruitment of mature NK cells into the central nervous system contributes to control autoimmune neuroinflammation. <i>European Journal of Immunology</i> , <b>2016</b> , 46, 1984-96	6.1	26
264	Cancer Stem Cell-Secreted Macrophage Migration Inhibitory Factor Stimulates Myeloid Derived Suppressor Cell Function and Facilitates Glioblastoma Immune Evasion. <i>Stem Cells</i> , <b>2016</b> , 34, 2026-39	5.8	133
263	Identification and Function of Fibrocytes in Skeletal Muscle Injury Repair and Muscular Dystrophy. <i>Journal of Immunology</i> , <b>2016</b> , 197, 4750-4761	5.3	15
262	Neuroinflammation: Surprises from the sanitary engineers. <i>Nature</i> , <b>2016</b> , 532, 185-6	50.4	7
261	The blood-brain barrier. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , <b>2016</b> , 133, 39-59	3	113
260	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> , <b>2016</b> , 113, E5665-74	11.5	176
259	Efficient derivation of microglia-like cells from human pluripotent stem cells. <i>Nature Medicine</i> , <b>2016</b> , 22, 1358-1367	50.5	346
258	Microglia in Health and Disease. <i>Cold Spring Harbor Perspectives in Biology</i> , <b>2015</b> , 8, a020560	10.2	160

257	TREM2 deficiency eliminates TREM2+ inflammatory macrophages and ameliorates pathology in Alzheimer's disease mouse models. <i>Journal of Experimental Medicine</i> , <b>2015</b> , 212, 287-95	16.6	407
256	Nuclear receptors license phagocytosis by trem2+ myeloid cells in mouse models of Alzheimer's disease. <i>Journal of Neuroscience</i> , <b>2015</b> , 35, 6532-43	6.6	104
255	Reactive microglia drive tau pathology and contribute to the spreading of pathological tau in the brain. <i>Brain</i> , <b>2015</b> , 138, 1738-55	11.2	272
254	Macrophage migration inhibitory factor, the Zelig of cytokines, is a chaperone for SOD1 in non-neuronal cells. <i>Neuron</i> , <b>2015</b> , 86, 2-3	13.9	
253	Immune attack: the role of inflammation in Alzheimer disease. <i>Nature Reviews Neuroscience</i> , <b>2015</b> , 16, 358-72	13.5	1216
252	Inflammatory reaction after traumatic brain injury: therapeutic potential of targeting cell-cell communication by chemokines. <i>Trends in Pharmacological Sciences</i> , <b>2015</b> , 36, 471-80	13.2	192
251	Neuroinflammation in Alzheimer's disease. <i>Lancet Neurology</i> , <b>2015</b> , 14, 388-405	24.1	2760
250	A dynamic spectrum of monocytes arising from the in situ reprogramming of CCR2+ monocytes at a site of sterile injury. <i>Journal of Experimental Medicine</i> , <b>2015</b> , 212, 447-56	16.6	268
249	Neuroinflammation: Ways in Which the Immune System Affects the Brain. <i>Neurotherapeutics</i> , <b>2015</b> , 12, 896-909	6.4	132
248	A destructive feedback loop mediated by CXCL10 in central nervous system inflammatory disease. <i>Annals of Neurology</i> , <b>2015</b> , 78, 619-29	9.4	18
247	BloodBrain barrier and neurological diseases. <i>Clinical and Experimental Neuroimmunology</i> , <b>2015</b> , 6, 351-361	6	
246	Editorial Research Topic "Chemokines and chemokine receptors in brain homeostasis". <i>Frontiers in Cellular Neuroscience</i> , <b>2015</b> , 9, 132	6.1	4
245	Multiple sclerosis-a quiet revolution. <i>Nature Reviews Neurology</i> , <b>2015</b> , 11, 134-42	15	233
244	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?. <i>PLoS ONE</i> , <b>2015</b> , 10, e0133392	3.7	52
243	Loss of CX3CR1 increases accumulation of inflammatory monocytes and promotes gliomagenesis. <i>Oncotarget</i> , <b>2015</b> , 6, 15077-94	3.3	117
242	Microglial derived tumor necrosis factor- $\alpha$ drives Alzheimer's disease-related neuronal cell cycle events. <i>Neurobiology of Disease</i> , <b>2014</b> , 62, 273-85	7.5	100
241	Identification of a unique TGF- $\beta$ dependent molecular and functional signature in microglia. <i>Nature Neuroscience</i> , <b>2014</b> , 17, 131-43	25.5	1532
240	Opposing effects of membrane-anchored CX3CL1 on amyloid and tau pathologies via the p38 MAPK pathway. <i>Journal of Neuroscience</i> , <b>2014</b> , 34, 12538-46	6.6	72

239	MyD88-dependent interplay between myeloid and endothelial cells in the initiation and progression of obesity-associated inflammatory diseases. <i>Journal of Experimental Medicine</i> , <b>2014</b> , 211, 887-907	16.6	50
238	Rapid remodeling of tight junctions during paracellular diapedesis in a human model of the blood-brain barrier. <i>Journal of Immunology</i> , <b>2014</b> , 193, 2427-37	5.3	66
237	Ontogeny and functions of central nervous system macrophages. <i>Journal of Immunology</i> , <b>2014</b> , 193, 2615-21	5.3	103
236	Physiology. Good barriers make good neighbors. <i>Science</i> , <b>2014</b> , 346, 36-7	33.3	3
235	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> , <b>2014</b> , 15, 555-70	3.3	57
234	Differential roles of microglia and monocytes in the inflamed central nervous system. <i>Journal of Experimental Medicine</i> , <b>2014</b> , 211, 1533-49	16.6	550
233	An in vitro blood-brain barrier model combining shear stress and endothelial cell/astrocyte co-culture. <i>Journal of Neuroscience Methods</i> , <b>2014</b> , 232, 165-72	3	49
232	Clinical outcomes following surgical management of coexistent cervical stenosis and multiple sclerosis: a cohort-controlled analysis. <i>Spine Journal</i> , <b>2014</b> , 14, 331-7	4	11
231	Modulating neurotoxicity through CX3CL1/CX3CR1 signaling. <i>Frontiers in Cellular Neuroscience</i> , <b>2014</b> , 8, 229	6.1	151
230	Mitochondrial immobilization mediated by syntaphilin facilitates survival of demyelinated axons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 9953-8	11.5	78
229	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> , <b>2013</b> , 33, 817-25	5.7	12
228	Regulation of adaptive immunity by the fractalkine receptor during autoimmune inflammation. <i>Journal of Immunology</i> , <b>2013</b> , 191, 1063-72	5.3	58
227	Development, maintenance and disruption of the blood-brain barrier. <i>Nature Medicine</i> , <b>2013</b> , 19, 1584-96	10.5	1243
226	Characterization of natural killer cells in paired CSF and blood samples during neuroinflammation. <i>Journal of Neuroimmunology</i> , <b>2013</b> , 254, 165-9	3.5	23
225	Synaptic plasticity in the hippocampus shows resistance to acute ethanol exposure in transgenic mice with astrocyte-targeted enhanced CCL2 expression. <i>Neuropharmacology</i> , <b>2013</b> , 67, 115-25	5.5	29
224	CCR7 signaling in pediatric opsoclonus-myoclonus: upregulated serum CCL21 expression is steroid-responsive. <i>Cytokine</i> , <b>2013</b> , 64, 331-6	4	11
223	Act1 mediates IL-17-induced EAE pathogenesis selectively in NG2+ glial cells. <i>Nature Neuroscience</i> , <b>2013</b> , 16, 1401-8	25.5	131
222	Inflammatory cell trafficking across the blood-brain barrier: chemokine regulation and in vitro models. <i>Immunological Reviews</i> , <b>2012</b> , 248, 228-39	11.3	210

221	Key role of CXCL13/CXCR5 axis for cerebrospinal fluid B cell recruitment in pediatric OMS. <i>Journal of Neuroimmunology</i> , <b>2012</b> , 243, 81-8	3.5	35
220	Chemokine receptor CXCR2: physiology regulator and neuroinflammation controller?. <i>Journal of Neuroimmunology</i> , <b>2012</b> , 246, 1-9	3.5	62
219	CXCL12-induced monocyte-endothelial interactions promote lymphocyte transmigration across an in vitro blood-brain barrier. <i>Science Translational Medicine</i> , <b>2012</b> , 4, 119ra14	17.5	47
218	Microglia sculpt postnatal neural circuits in an activity and complement-dependent manner. <i>Neuron</i> , <b>2012</b> , 74, 691-705	13.9	2131
217	The anatomical and cellular basis of immune surveillance in the central nervous system. <i>Nature Reviews Immunology</i> , <b>2012</b> , 12, 623-35	36.5	638
216	Innate immunity in the central nervous system. <i>Journal of Clinical Investigation</i> , <b>2012</b> , 122, 1164-71	15.9	654
215	Role of CCR2 in immunobiology and neurobiology. <i>Clinical and Experimental Neuroimmunology</i> , <b>2012</b> , 3, 16-29	0.4	20
214	Chemokine CXCL12 in neurodegenerative diseases: an SOS signal for stem cell-based repair. <i>Trends in Neurosciences</i> , <b>2012</b> , 35, 619-28	13.3	72
213	IL-17-induced Act1-mediated signaling is critical for cuprizone-induced demyelination. <i>Journal of Neuroscience</i> , <b>2012</b> , 32, 8284-92	6.6	48
212	Re-establishing immunological self-tolerance in autoimmune disease. <i>Nature Medicine</i> , <b>2012</b> , 18, 54-8	50.5	58
211	Animal models of multiple sclerosis: the good, the bad and the bottom line. <i>Nature Neuroscience</i> , <b>2012</b> , 15, 1074-7	25.5	223
210	Immunological and clinical consequences of treating a patient with natalizumab. <i>Multiple Sclerosis Journal</i> , <b>2012</b> , 18, 335-44	5	35
209	Bone marrow transplantation confers modest benefits in mouse models of Huntington's disease. <i>Journal of Neuroscience</i> , <b>2012</b> , 32, 133-42	6.6	57
208	Illuminating neuromyelitis optica pathogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 1001-2	11.5	21
207	The fractalkine receptor but not CCR2 is present on microglia from embryonic development throughout adulthood. <i>Journal of Immunology</i> , <b>2012</b> , 188, 29-36	5.3	256
206	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> , <b>2012</b> , 109, 18150-5	11.5	181
205	Perspective: Let the sunshine in!. <i>Nature</i> , <b>2012</b> , 484, S8	50.4	1
204	Inflammatory cortical demyelination in early multiple sclerosis. <i>New England Journal of Medicine</i> , <b>2011</b> , 365, 2188-97	59.2	734

203	Antiinflammatory autoimmune cellular responses to cardiac troponin I in idiopathic dilated cardiomyopathy. <i>Journal of Cardiac Failure</i> , <b>2011</b> , 17, 359-65	3.3	6
202	Excessive biologic response to IFN $\beta$ s associated with poor treatment response in patients with multiple sclerosis. <i>PLoS ONE</i> , <b>2011</b> , 6, e19262	3.7	34
201	G-CSF-mediated thrombopoietin release triggers neutrophil motility and mobilization from bone marrow via induction of Cxcr2 ligands. <i>Blood</i> , <b>2011</b> , 117, 4349-57	2.2	148
200	D6 facilitates cellular migration and fluid flow to lymph nodes by suppressing lymphatic congestion. <i>Blood</i> , <b>2011</b> , 118, 6220-9	2.2	58
199	Analyses of phenotypic and functional characteristics of CX3CR1-expressing natural killer cells. <i>Immunology</i> , <b>2011</b> , 133, 62-73	7.8	46
198	Depletion of Ly6G/C(+) cells ameliorates delayed cerebral vasospasm in subarachnoid hemorrhage. <i>Journal of Neuroimmunology</i> , <b>2011</b> , 232, 94-100	3.5	55
197	Heterogeneity of CNS myeloid cells and their roles in neurodegeneration. <i>Nature Neuroscience</i> , <b>2011</b> , 14, 1227-35	25.5	505
196	Impaired respiratory function in mdx and mdx/utrn(+/-) mice. <i>Muscle and Nerve</i> , <b>2011</b> , 43, 263-7	3.4	48
195	Multiple sclerosis normal-appearing white matter: pathology-imaging correlations. <i>Annals of Neurology</i> , <b>2011</b> , 70, 764-73	9.4	185
194	Chemokine receptor CXCR4 signaling modulates the growth factor-induced cell cycle of self-renewing and multipotent neural progenitor cells. <i>Glia</i> , <b>2011</b> , 59, 108-18	9	35
193	CXCR2 signaling protects oligodendrocyte progenitor cells from IFN- $\gamma$ /CXCL10-mediated apoptosis. <i>Glia</i> , <b>2011</b> , 59, 1518-28	9	36
192	MMP9 deficiency does not decrease blood-brain barrier disruption, but increases astrocyte MMP3 expression during viral encephalomyelitis. <i>Glia</i> , <b>2011</b> , 59, 1770-81	9	22
191	Macrophages recruited via CCR2 produce insulin-like growth factor-1 to repair acute skeletal muscle injury. <i>FASEB Journal</i> , <b>2011</b> , 25, 358-69	0.9	188
190	CXCR3-dependent plasma blast migration to the central nervous system during viral encephalomyelitis. <i>Journal of Virology</i> , <b>2011</b> , 85, 6136-47	6.6	46
189	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> , <b>2011</b> , 286, 32713-22	5.4	173
188	The role of cell type-specific responses in IFN- $\beta$ therapy of multiple sclerosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 19689-94	11.5	28
187	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> , <b>2011</b> , 31, 9910-22	6.6	166
186	Neuroscience. How many cell types does it take to wire a brain?. <i>Science</i> , <b>2011</b> , 333, 1391-2	33.3	28



185	Acute skeletal muscle injury: CCL2 expression by both monocytes and injured muscle is required for repair. <i>FASEB Journal</i> , <b>2011</b> , 25, 3344-55	0.9	149
184	The myeloid cells of the central nervous system parenchyma. <i>Nature</i> , <b>2010</b> , 468, 253-62	50.4	586
183	CXCR2-positive neutrophils are essential for cuprizone-induced demyelination: relevance to multiple sclerosis. <i>Nature Neuroscience</i> , <b>2010</b> , 13, 319-26	25.5	167
182	CXCR2 signaling protects oligodendrocytes and restricts demyelination in a mouse model of viral-induced demyelination. <i>PLoS ONE</i> , <b>2010</b> , 5, e11340	3.7	43
181	Myelin repair is accelerated by inactivating CXCR2 on nonhematopoietic cells. <i>Journal of Neuroscience</i> , <b>2010</b> , 30, 9074-83	6.6	67
180	STAT-phosphorylation-independent induction of interferon regulatory factor-9 by interferon-beta. <i>Journal of Interferon and Cytokine Research</i> , <b>2010</b> , 30, 163-70	3.5	10
179	Major differences in the responses of primary human leukocyte subsets to IFN-beta. <i>Journal of Immunology</i> , <b>2010</b> , 185, 5888-99	5.3	57
178	Monocytes regulate T cell migration through the glia limitans during acute viral encephalitis. <i>Journal of Virology</i> , <b>2010</b> , 84, 4878-88	6.6	56
177	Regulation of tau pathology by the microglial fractalkine receptor. <i>Neuron</i> , <b>2010</b> , 68, 19-31	13.9	401
176	CXCL12 and CXCR4 in bone marrow physiology. <i>Expert Review of Hematology</i> , <b>2010</b> , 3, 315-22	2.8	74
175	CX3CR1 deficiency alters microglial activation and reduces beta-amyloid deposition in two Alzheimer's disease mouse models. <i>American Journal of Pathology</i> , <b>2010</b> , 177, 2549-62	5.8	339
174	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> , <b>2010</b> , 11, 223-34	3.3	61
173	PML risk and natalizumab: more questions than answers. <i>Lancet Neurology</i> , <b>2010</b> , 9, 231-3	24.1	13
172	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> , <b>2010</b> , 352, 89-100	2.5	63
171	Astrocyte-restricted ablation of interleukin-17-induced Act1-mediated signaling ameliorates autoimmune encephalomyelitis. <i>Immunity</i> , <b>2010</b> , 32, 414-25	32.3	221
170	Selective chemokine receptor usage by central nervous system myeloid cells in CCR2-red fluorescent protein knock-in mice. <i>PLoS ONE</i> , <b>2010</b> , 5, e13693	3.7	387
169	CCL2 accelerates microglia-mediated Abeta oligomer formation and progression of neurocognitive dysfunction. <i>PLoS ONE</i> , <b>2009</b> , 4, e6197	3.7	78
168	Roles of IKK-beta, IRF1, and p65 in the activation of chemokine genes by interferon-gamma. <i>Journal of Interferon and Cytokine Research</i> , <b>2009</b> , 29, 817-24	3.5	32

167	Immunotherapy for multiple sclerosis: the curious case of interferon beta. <i>Archives of Neurology</i> , <b>2009</b> , 66, 1193-4		2
166	AAV1/2-mediated CNS gene delivery of dominant-negative CCL2 mutant suppresses gliosis, beta-amyloidosis, and learning impairment of APP/PS1 mice. <i>Molecular Therapy</i> , <b>2009</b> , 17, 803-9	11.7	52
165	Imaging correlates of leukocyte accumulation and CXCR4/CXCL12 in multiple sclerosis. <i>Archives of Neurology</i> , <b>2009</b> , 66, 44-53		60
164	Double-label nonradioactive in situ hybridization for the analysis of chemokine receptor expression in the central nervous system. <i>Methods in Enzymology</i> , <b>2009</b> , 460, 91-103	1.7	1
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21	Expression of chemokines RANTES, MIP-1alpha and GRO-alpha correlates with inflammation in acute experimental autoimmune encephalomyelitis. <i>NeuroImmunoModulation</i> , <b>1998</b> , 5, 166-71	2.5	95
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14	The interferons: biological effects, mechanisms of action, and use in multiple sclerosis. <i>Annals of Neurology</i> , <b>1995</b> , 37, 7-15	9.4	178
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