

Rui Li

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

8,018
citations

257450
24
h-index

276875
41
g-index

49
all docs

49
docs citations

49
times ranked

18236
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	IL-35-producing B cells are critical regulators of immunity during autoimmune and infectious diseases. Nature, 2014, 507, 366-370.	27.8	882
3	Cellular and humoral immune responses following SARS-CoV-2 mRNA vaccination in patients with multiple sclerosis on anti-CD20 therapy. Nature Medicine, 2021, 27, 1990-2001.	30.7	396
4	Proinflammatory GM-CSF α -producing B cells in multiple sclerosis and B cell depletion therapy. Science Translational Medicine, 2015, 7, 310ra166.	12.4	334
5	Reassessing B cell contributions in multiple sclerosis. Nature Immunology, 2018, 19, 696-707.	14.5	275
6	Dimethyl Fumarate Treatment Mediates an Anti-Inflammatory Shift in B Cell Subsets of Patients with Multiple Sclerosis. Journal of Immunology, 2017, 198, 691-698.	0.8	112
7	Nerve growth factor activates autophagy in Schwann cells to enhance myelin debris clearance and to expedite nerve regeneration. Theranostics, 2020, 10, 1649-1677.	10.0	111
8	Cellular immunology of relapsing multiple sclerosis: interactions, checks, and balances. Lancet Neurology, The, 2021, 20, 470-483.	10.2	96
9	Administration of bone marrow stromal cells ameliorates experimental autoimmune myasthenia gravis by altering the balance of Th1/Th2/Th17/Treg cell subsets through the secretion of TGF- β 2. Journal of Neuroimmunology, 2009, 207, 83-91.	2.3	87
10	B cells from patients with multiple sclerosis induce cell death via apoptosis in neurons in vitro. Journal of Neuroimmunology, 2017, 309, 88-99.	2.3	85
11	A Novel MicroRNA-132-Sirtuin-1 Axis Underlies Aberrant B-cell Cytokine Regulation in Patients with Relapsing-Remitting Multiple Sclerosis. PLoS ONE, 2014, 9, e105421.	2.5	81
12	Human Mesenchymal Stem Cells Impact Th17 and Th1 Responses Through a Prostaglandin E2 and Myeloid-Dependent Mechanism. Stem Cells Translational Medicine, 2016, 5, 1506-1514.	3.3	73
13	Dimethyl fumarate α -induced lymphopenia in MS due to differential T-cell subset apoptosis. Neurology: Neuroimmunology and NeuroInflammation, 2017, 4, e340.	6.0	73
14	Abnormal effector and regulatory T cell subsets in paediatric-onset multiple sclerosis. Brain, 2019, 142, 617-632.	7.6	72
15	Cytokine-Defined B Cell Responses as Therapeutic Targets in Multiple Sclerosis. Frontiers in Immunology, 2015, 6, 626.	4.8	69
16	Immune-related GTPase M (IRGM1) regulates neuronal autophagy in a mouse model of stroke. Autophagy, 2012, 8, 1621-1627.	9.1	47
17	Activated leukocyte cell adhesion molecule regulates B lymphocyte migration across central nervous system barriers. Science Translational Medicine, 2019, 11, .	12.4	45
18	IL-17A and IL-17F Expression in B Lymphocytes. International Archives of Allergy and Immunology, 2012, 157, 406-416.	2.1	37

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19	BM stromal cells ameliorate experimental autoimmune myasthenia gravis by altering the balance of Th cells through the secretion of IDO. <i>European Journal of Immunology</i> , 2009, 39, 800-809.	2.9	36
20	IFN γ -induced Irgm1 promotes tumorigenesis of melanoma via dual regulation of apoptosis and Bif-1-dependent autophagy. <i>Oncogene</i> , 2015, 34, 5363-5371.	5.9	32
21	Reconstitution of the peripheral immune repertoire following withdrawal of fingolimod. <i>Multiple Sclerosis Journal</i> , 2017, 23, 1225-1232.	3.0	32
22	Antibody-Independent Function of Human B Cells Contributes to Antifungal T Cell Responses. <i>Journal of Immunology</i> , 2017, 198, 3245-3254.	0.8	31
23	IRGM1 regulates oxidized LDL uptake by macrophage via actin-dependent receptor internalization during atherosclerosis. <i>Scientific Reports</i> , 2013, 3, 1867.	3.3	30
24	BTK inhibition limits B-cell-T-cell interaction through modulation of B-cell metabolism: implications for multiple sclerosis therapy. <i>Acta Neuropathologica</i> , 2022, 143, 505-521.	7.7	29
25	Pre-treatment T-cell subsets associate with fingolimod treatment responsiveness in multiple sclerosis. <i>Scientific Reports</i> , 2020, 10, 356.	3.3	24
26	Abnormal B-Cell and Tfh-Cell Profiles in Patients With Parkinson Disease. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2022, 9, .	6.0	21
27	IRGM1 enhances B16 melanoma cell metastasis through PI3K-Rac1 mediated epithelial mesenchymal transition. <i>Scientific Reports</i> , 2015, 5, 12357.	3.3	19
28	Protein methylation functions as the posttranslational modification switch to regulate autophagy. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 3711-3722.	5.4	18
29	The Multiple Roles of B Cells in Multiple Sclerosis and Their Implications in Multiple Sclerosis Therapies. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2019, 9, a029108.	6.2	17
30	Irgm1 is required for the inflammatory function of M1 macrophage in early experimental autoimmune encephalomyelitis. <i>Journal of Leukocyte Biology</i> , 2017, 101, 507-517.	3.3	15
31	Intravenous Administration of Adipose-Derived Stem Cell Protein Extracts Improves Neurological Deficits in a Rat Model of Stroke. <i>Stem Cells International</i> , 2017, 2017, 1-11.	2.5	15
32	Isotype-Switched Autoantibodies Are Necessary To Facilitate Central Nervous System Autoimmune Disease in <i>Aicda</i> ^{-/-} and <i>Ung</i> ^{-/-} Mice. <i>Journal of Immunology</i> , 2018, 201, 1119-1130.	0.8	15
33	Combination of mild therapeutic hypothermia and adipose-derived stem cells for ischemic brain injury. <i>Neural Regeneration Research</i> , 2018, 13, 1759.	3.0	15
34	Simvastatin accelerated motoneurons death in SOD1G93A mice through inhibiting Rab7-mediated maturation of late autophagic vacuoles. <i>Cell Death and Disease</i> , 2021, 12, 392.	6.3	13
35	IL-17 Eliminates the Therapeutic Effects of Myelin Basic Protein-Induced Nasal Tolerance in Experimental Autoimmune Encephalomyelitis by Activating IL-6. <i>Scandinavian Journal of Immunology</i> , 2008, 68, 589-597.	2.7	11
36	IRGM promotes the PINK1-mediated mitophagy through the degradation of Mitofilin in SH-SY5Y cells. <i>FASEB Journal</i> , 2020, 34, 14768-14779.	0.5	10

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37	Pro-inflammatory adiponectin in pediatric-onset multiple sclerosis. Multiple Sclerosis Journal, 2021, 27, 1948-1959.	3.0	9
38	Regulation of suppressing and activating effects of mesenchymal stem cells on the encephalitogenic potential of MBP68â€“86-specific lymphocytes. Journal of Neuroimmunology, 2010, 226, 116-125.	2.3	5
39	Multiplexed detection and isolation of viable low-frequency cytokine-secreting human B cells using cytokine secretion assay and flow cytometry (CSA-Flow). Scientific Reports, 2020, 10, 14823.	3.3	5
40	IRGM promotes melanoma cell survival through autophagy and is a promising prognostic biomarker for clinical application. Molecular Therapy - Oncolytics, 2021, 20, 187-198.	4.4	4
41	Humor in systemic lupus erythematosus. European Journal of Rheumatology, 2015, 2, 5-9.	0.6	3
42	Increased adiponectin levels in serum of early pediatric onset MS induce pro-inflammatory responses of both myeloid cells and T cells. Journal of Neuroimmunology, 2014, 275, 90-91.	2.3	0
43	Abnormal responses of CD8+CD161high mucosal associated invariant T (MAIT) cells and CCR2+CCR5+ CD4 T cells contribute to disrupted balance of effector and regulatory T cells in pediatric-onset MS. Journal of Neuroimmunology, 2014, 275, 203-204.	2.3	0
44	â€“Cytokine definedâ€™ B cell subsets in multiple sclerosis. Journal of Neuroimmunology, 2014, 275, 10.	2.3	0
45	Human B cell and glial cell interactions: Implications to the compartmentalized CNS inflammation of multiple sclerosis (MS). Journal of Neuroimmunology, 2014, 275, 176-177.	2.3	0
46	Multiple sclerosis meets systems immunology â€“ Authors' reply. Lancet Neurology, The, 2021, 20, 888.	10.2	0