

Rui Li

List of Publications by Year in descending order

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69
papers

9,008
citations

157969

29
h-index

124976

59
g-index

73
all docs

73
docs citations

73
times ranked

20806
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	11.6	4,789
2	IL-35-producing B cells are critical regulators of immunity during autoimmune and infectious diseases. <i>Nature</i> , 2014, 507, 366-370.	35.8	903
3	Cellular and humoral immune responses following SARS-CoV-2 mRNA vaccination in patients with multiple sclerosis on anti-CD20 therapy. <i>Nature Medicine</i> , 2021, 27, 1990-2001.	29.9	429
4	Proinflammatory GM-CSF α -producing B cells in multiple sclerosis and B cell depletion therapy. <i>Science Translational Medicine</i> , 2015, 7, 310ra166.	13.3	355
5	Reassessing B cell contributions in multiple sclerosis. <i>Nature Immunology</i> , 2018, 19, 696-707.	13.7	293
6	Distinct progenitor lineages contribute to the heterogeneity of plasmacytoid dendritic cells. <i>Nature Immunology</i> , 2018, 19, 711-722.	13.7	245
7	Nerve growth factor activates autophagy in Schwann cells to enhance myelin debris clearance and to expedite nerve regeneration. <i>Theranostics</i> , 2020, 10, 1649-1677.	9.8	132
8	Cellular immunology of relapsing multiple sclerosis: interactions, checks, and balances. <i>Lancet Neurology</i> , The, 2021, 20, 470-483.	10.3	118
9	Dimethyl Fumarate Treatment Mediates an Anti-Inflammatory Shift in B Cell Subsets of Patients with Multiple Sclerosis. <i>Journal of Immunology</i> , 2017, 198, 691-698.	0.8	117
10	B cells from patients with multiple sclerosis induce cell death via apoptosis in neurons in vitro. <i>Journal of Neuroimmunology</i> , 2017, 309, 88-99.	2.4	93
11	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 . <i>Journal of Neuroimmunology</i> , 2009, 207, 83-91.	2.4	88
12	A Novel MicroRNA-132-Sirtuin-1 Axis Underlies Aberrant B-cell Cytokine Regulation in Patients with Relapsing-Remitting Multiple Sclerosis. <i>PLoS ONE</i> , 2014, 9, e105421.	2.5	83
13	Human Mesenchymal Stem Cells Impact Th17 and Th1 Responses Through a Prostaglandin E2 and Myeloid-Dependent Mechanism. <i>Stem Cells Translational Medicine</i> , 2016, 5, 1506-1514.	3.5	77
14	Abnormal effector and regulatory T cell subsets in paediatric-onset multiple sclerosis. <i>Brain</i> , 2019, 142, 617-632.	8.0	76
15	Dimethyl fumarate α -induced lymphopenia in MS due to differential T-cell subset apoptosis. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2017, 4, e340.	6.8	73
16	Cytokine-Defined B Cell Responses as Therapeutic Targets in Multiple Sclerosis. <i>Frontiers in Immunology</i> , 2015, 6, 626.	4.8	71
17	Identification of broadly conserved cross-species protective <i>Leishmania</i> antigen and its responding CD4 ⁺ T cells. <i>Science Translational Medicine</i> , 2015, 7, 310ra167.	13.3	52
18	Calcifying epithelial odontogenic tumor: An updated analysis of 339 cases reported in the literature. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2017, 45, 1117-1123.	1.9	52

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19	Immune-related GTPase M (IRGM1) regulates neuronal autophagy in a mouse model of stroke. <i>Autophagy</i> , 2012, 8, 1621-1627.	11.6	50
20	Autophagy Improves the Immunosuppression of CD4+ T Cells by Mesenchymal Stem Cells Through Transforming Growth Factor- β 1. <i>Stem Cells Translational Medicine</i> , 2016, 5, 1496-1505.	3.5	49
21	Activated leukocyte cell adhesion molecule regulates B lymphocyte migration across central nervous system barriers. <i>Science Translational Medicine</i> , 2019, 11, .	13.3	49
22	Emergency Department Hospitalization Volume and Mortality in the United States. <i>Annals of Emergency Medicine</i> , 2014, 64, 446-457.e6.	0.6	46
23	Metastases in Prostate Cancer. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2019, 9, a033688.	6.3	41
24	Leveraging Visual Outcome Measures to Advance Therapy Development in Neuroimmunologic Disorders. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2022, 9, .	6.8	40
25	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.	7.9	37
26	BM stromal cells ameliorate experimental autoimmune myasthenia gravis by altering the balance of Th cells through the secretion ofIDO. <i>European Journal of Immunology</i> , 2009, 39, 800-809.	3.3	36
27	Antibody-Independent Function of Human B Cells Contributes to Antifungal T Cell Responses. <i>Journal of Immunology</i> , 2017, 198, 3245-3254.	0.8	32
28	Reconstitution of the peripheral immune repertoire following withdrawal of fingolimod. <i>Multiple Sclerosis Journal</i> , 2017, 23, 1225-1232.	3.3	32
29	Estimating the impact of azimuth-angle variations on photovoltaic annual energy production. <i>Clean Energy</i> , 2019, 3, 47-58.	3.3	32
30	Abnormal B-Cell and Tfh-Cell Profiles in Patients With Parkinson Disease. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2022, 9, .	6.8	31
31	IRGM1 regulates oxidized LDL uptake by macrophage via actin-dependent receptor internalization during atherosclerosis. <i>Scientific Reports</i> , 2013, 3, 1867.	3.4	30
32	Cutting Edge: LL-37-Mediated Formyl Peptide Receptor-2 Signaling in Follicular Dendritic Cells Contributes to B Cell Activation in Peyer's Patch Germinal Centers. <i>Journal of Immunology</i> , 2017, 198, 629-633.	0.8	30
33	Clonal analysis of Salmonella-specific effector T cells reveals serovar-specific and cross-reactive T cell responses. <i>Nature Immunology</i> , 2018, 19, 742-754.	13.7	28
34	Pre-treatment T-cell subsets associate with fingolimod treatment responsiveness in multiple sclerosis. <i>Scientific Reports</i> , 2020, 10, 356.	3.4	26
35	Murine Models of Hepatitis A Virus Infection. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2019, 9, a031674.	6.3	22
36	Protein methylation functions as the posttranslational modification switch to regulate autophagy. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 3711-3722.	5.4	21

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37	Differential effects of anti-CD20 therapy on CD4 and CD8 T cells and implication of CD20-expressing CD8 T cells in MS disease activity. Proceedings of the National Academy of Sciences of the United States of America, 2023, 120, .	7.5	21
38	IRGM1 enhances B16 melanoma cell metastasis through PI3K-Rac1 mediated epithelial mesenchymal transition. Scientific Reports, 2015, 5, 12357.	3.4	20
39	The Multiple Roles of B Cells in Multiple Sclerosis and Their Implications in Multiple Sclerosis Therapies. Cold Spring Harbor Perspectives in Medicine, 2019, 9, a029108.	6.3	20
40	Prevalence, Predictors, and Successful Treatment Outcomes of Xpert MTB/RIFâ€“identified Rifampicin-resistant Tuberculosis in Post-conflict Eastern Democratic Republic of the Congo, 2012â€“2017: A Retrospective Province-Wide Cohort Study. Clinical Infectious Diseases, 2019, 69, 1278-1287.	5.6	17
41	Intravenous Administration of Adipose-Derived Stem Cell Protein Extracts Improves Neurological Deficits in a Rat Model of Stroke. Stem Cells International, 2017, 2017, 1-11.	2.6	16
42	A Tablet-Based Multimedia Education Tool Improves Provider and Subject Knowledge of Inhaler Use Techniques. Respiratory Care, 2017, 62, 163-171.	1.8	15
43	Irgm1 is required for the inflammatory function of M1 macrophage in early experimental autoimmune encephalomyelitis. Journal of Leukocyte Biology, 2017, 101, 507-517.	3.2	15
44	Isotype-Switched Autoantibodies Are Necessary To Facilitate Central Nervous System Autoimmune Disease in <i>Aicda</i> ^{-/-} and <i>Ung</i> ^{-/-} Mice. Journal of Immunology, 2018, 201, 1119-1130.	0.8	15
45	Combination of mild therapeutic hypothermia and adipose-derived stem cells for ischemic brain injury. Neural Regeneration Research, 2018, 13, 1759.	3.0	15
46	Simvastatin accelerated motoneurons death in SOD1G93A mice through inhibiting Rab7-mediated maturation of late autophagic vacuoles. Cell Death and Disease, 2021, 12, 392.	6.4	14
47	Impact of phospholipase C β 1 in glioblastoma: a study on the main mechanisms of tumor aggressiveness. Cellular and Molecular Life Sciences, 2022, 79, 195.	5.4	14
48	Cross-talk between B cells, microglia and macrophages, and implications to central nervous system compartmentalized inflammation and progressive multiple sclerosis. EBioMedicine, 2023, 96, 104789.	6.0	11
49	IRGM promotes the PINK1-mediated mitophagy through the degradation of Mitofilin in SH-SY5Y cells. FASEB Journal, 2020, 34, 14768-14779.	0.4	10
50	Anti-inflammatory and immunomodulatory potential of human immunoglobulin applied intrathecally in Lewis rat experimental autoimmune neuritis. Journal of Neuroimmunology, 2017, 309, 58-67.	2.4	9
51	Pro-inflammatory adiponectin in pediatric-onset multiple sclerosis. Multiple Sclerosis Journal, 2021, 27, 1948-1959.	3.3	9
52	Enhanced thermal stability of green-emission quantum-dot light-emitting diodes via composition-gradient thick-shell quantum dots. Applied Physics Express, 2016, 9, 082101.	2.4	7
53	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.	3.4	7
54	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.	2.4	5

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55	Long-Term Pharmacological Inhibition of the Activity of All NOS Isoforms Rather Than Genetic Knock-Out of Endothelial NOS Leads to Impaired Spatial Learning and Memory in C57BL/6 Mice. <i>Biomedicines</i> , 2021, 9, 1905.	3.3	5
56	IRGM promotes melanoma cell survival through autophagy and is a promising prognostic biomarker for clinical application. <i>Molecular Therapy - Oncolytics</i> , 2021, 20, 187-198.	4.4	4
57	Totally endoscopic surgical resection for a blood cyst originated from mitral valve: a case report. <i>Journal of Cardiothoracic Surgery</i> , 2021, 16, 164.	1.1	4
58	Humor in systemic lupus erythematosus. <i>European Journal of Rheumatology</i> , 2015, 2, 5-9.	1.4	3
59	Oxidative phosphorylation regulates B cell effector cytokines and promotes inflammation in multiple sclerosis. <i>Science Immunology</i> , 2024, 9, .	13.0	1
60	Increased adiponectin levels in serum of early pediatric onset MS induce pro-inflammatory responses of both myeloid cells and T cells. <i>Journal of Neuroimmunology</i> , 2014, 275, 90-91.	2.4	0
61	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. <i>Journal of Neuroimmunology</i> , 2014, 275, 203-204.	2.4	0
62	“Cytokine defined” B cell subsets in multiple sclerosis. <i>Journal of Neuroimmunology</i> , 2014, 275, 10.	2.4	0
63	Human B cell and glial cell interactions: Implications to the compartmentalized CNS inflammation of multiple sclerosis (MS). <i>Journal of Neuroimmunology</i> , 2014, 275, 176-177.	2.4	0
64	Multiple sclerosis meets systems immunology “ Authors' reply. <i>Lancet Neurology</i> , The, 2021, 20, 888.	10.3	0
65	10 The Impact of Insurance Disparities on Long-term Burn Outcomes: A Burn Model System Investigation. <i>Journal of Burn Care and Research</i> , 2022, 43, S11-S11.	0.5	0
66	Participation of Ionic Forms in Bisphenol Phototransformation Under Sunlight Exposure. <i>Russian Physics Journal</i> , 2022, 64, 1999-2007.	0.5	0
67	FEATURES OF FORMING THE FINANCIAL STRATEGY OF SMALL BUSINESSES. <i>The Bulletin</i> , 2021, 6, 94-98.	0.1	0
68	B-cell depletion limits HTLV-1-infected T-cell expansion and ameliorate HTLV-1-associated myelopathy. <i>Annals of Clinical and Translational Neurology</i> , 0, , .	3.7	0
69	Neuron-specific deficiency of autophagy increases neuronal loss in traumatic brain injury. <i>PNAS Nexus</i> , 0, , .	2.6	0