

Robin M Yates

List of Publications by Year in descending order

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57
papers

3,020
citations

257450

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168389

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docs citations

58
times ranked

4267
citing authors

#	ARTICLE	IF	CITATIONS
1	Extracellular cathepsin Z signals through the $\beta 5$ integrin and augments NLRP3 inflammasome activation. <i>Journal of Biological Chemistry</i> , 2022, 298, 101459.	3.4	10
2	Macrophages disseminate pathogen associated molecular patterns through the direct extracellular release of the soluble content of their phagolysosomes. <i>Nature Communications</i> , 2022, 13, .	12.8	13
3	Better Together: Current Insights Into Phagosome-Lysosome Fusion. <i>Frontiers in Immunology</i> , 2021, 12, 636078.	4.8	54
4	A non-immunological role for $\beta 3$ -interferon α -inducible lysosomal thiol reductase (GILT) in osteoclastic bone resorption. <i>Science Advances</i> , 2021, 7, .	10.3	4
5	Listeria exploits IFITM3 to suppress antibacterial activity in phagocytes. <i>Nature Communications</i> , 2021, 12, 4999.	12.8	11
6	An Institutional Self-Study of Text-Matching Software in a Canadian Graduate-Level Engineering Program. <i>Journal of Academic Ethics</i> , 2020, 18, 263-282.	2.2	8
7	Application of a Sulfoxonium Ylide Electrophile to Generate Cathepsin X-Selective Activity-Based Probes. <i>ACS Chemical Biology</i> , 2020, 15, 718-727.	3.4	17
8	N-Terminomics/TAILS Profiling of Proteases and Their Substrates in Ulcerative Colitis. <i>ACS Chemical Biology</i> , 2019, 14, 2471-2483.	3.4	16
9	Growth hormone-mediated reprogramming of macrophage transcriptome and effector functions. <i>Scientific Reports</i> , 2019, 9, 19348.	3.3	20
10	Strategic research prioritisation in veterinary schools: a preliminary investigation. <i>Journal of Higher Education Policy and Management</i> , 2018, 40, 175-189.	2.3	1
11	The phagosome and redox control of antigen processing. <i>Free Radical Biology and Medicine</i> , 2018, 125, 53-61.	2.9	20
12	The cooling compound icilin attenuates autoimmune neuroinflammation through modulation of the T α cell response. <i>FASEB Journal</i> , 2018, 32, 1236-1249.	0.5	4
13	17-DMAG regulates p21 expression to induce chondrogenesis <i>in vitro</i> and <i>in vivo</i> . <i>DMM Disease Models and Mechanisms</i> , 2018, 11, .	2.4	9
14	Benefits of Antibiotics During Viral Infections: Immuno-Modulating Properties of Tulathromycin in Porcine Reproductive and Respiratory Syndrome. <i>FASEB Journal</i> , 2018, 32, 817.1.	0.5	0
15	Gestational bisphenol-A exposure lowers the threshold for autoimmunity in a model of multiple sclerosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 4999-5004.	7.1	17
16	Smac mimetics and oncolytic viruses synergize in driving anticancer T-cell responses through complementary mechanisms. <i>Nature Communications</i> , 2017, 8, 344.	12.8	61
17	A role for cathepsin Z in neuroinflammation provides mechanistic support for an epigenetic risk factor in multiple sclerosis. <i>Journal of Neuroinflammation</i> , 2017, 14, 103.	7.2	63
18	Fluorometric Approaches to Measuring Reductive and Oxidative Events in Phagosomes. <i>Methods in Molecular Biology</i> , 2017, 1519, 215-225.	0.9	3

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19	Mycobacterium tuberculosis: Readouts of Bacterial Fitness and the Environment Within the Phagosome. <i>Methods in Molecular Biology</i> , 2017, 1519, 333-347.	0.9	13
20	Simultaneous Analysis of Multiple Luminal Parameters of Individual Phagosomes Using High-Content Imaging. <i>Methods in Molecular Biology</i> , 2017, 1519, 227-239.	0.9	7
21	Abnormal cannabidiol attenuates experimental colitis in mice, promotes wound healing and inhibits neutrophil recruitment. <i>Journal of Inflammation</i> , 2016, 13, 21.	3.4	25
22	Ligation of γ -Fc γ R Alters Phagosomal Processing of Protein via Augmentation of NADPH Oxidase Activity. <i>Traffic</i> , 2016, 17, 786-802.	2.7	10
23	Identification and treatment of the <i>Staphylococcus aureus</i> reservoir in vivo. <i>Journal of Experimental Medicine</i> , 2016, 213, 1141-1151.	8.5	178
24	Characterizing heterogeneity in the response of synovial mesenchymal progenitor cells to synovial macrophages in normal individuals and patients with osteoarthritis. <i>Journal of Inflammation</i> , 2016, 13, 12.	3.4	19
25	Endogenous and exogenous pathways maintain the reductive capacity of the phagosome. <i>Journal of Leukocyte Biology</i> , 2016, 100, 17-26.	3.3	9
26	Infection of porcine bone marrow-derived macrophages by porcine respiratory and reproductive syndrome virus impairs phagosomal maturation. <i>Journal of General Virology</i> , 2016, 97, 669-679.	2.9	17
27	Redirecting soluble antigen for MHC class I cross-presentation during phagocytosis. <i>European Journal of Immunology</i> , 2015, 45, 383-395.	2.9	37
28	Redundancy between Cysteine Cathepsins in Murine Experimental Autoimmune Encephalomyelitis. <i>PLoS ONE</i> , 2015, 10, e0128945.	2.5	29
29	<i>Giardia duodenalis</i> Surface Cysteine Proteases Induce Cleavage of the Intestinal Epithelial Cytoskeletal Protein Villin via Myosin Light Chain Kinase. <i>PLoS ONE</i> , 2015, 10, e0136102.	2.5	70
30	γ -Interferon-inducible Lysosomal Thiol Reductase (GILT) Maintains Phagosomal Proteolysis in Alternatively Activated Macrophages. <i>Journal of Biological Chemistry</i> , 2014, 289, 31891-31904.	3.4	61
31	<i>Giardia duodenalis</i> Cathepsin B Proteases Degrade Intestinal Epithelial Interleukin-8 and Attenuate Interleukin-8-Induced Neutrophil Chemotaxis. <i>Infection and Immunity</i> , 2014, 82, 2772-2787.	2.2	91
32	Targeting Mitochondria-Derived Reactive Oxygen Species to Reduce Epithelial Barrier Dysfunction and Colitis. <i>American Journal of Pathology</i> , 2014, 184, 2516-2527.	3.8	134
33	NADPH Oxidase Modifies Patterns of MHC Class II-Restricted Epitopic Repertoires through Redox Control of Antigen Processing. <i>Journal of Immunology</i> , 2014, 192, 4989-5001.	0.8	85
34	<i>Giardia</i> cathepsin B cysteine proteases degrade interleukin-8 and attenuate interleukin-8-induced neutrophil chemotaxis (152.2). <i>FASEB Journal</i> , 2014, 28, 152.2.	0.5	0
35	Dynamic Quantitative Assays of Phagosomal Function. <i>Current Protocols in Immunology</i> , 2013, 102, 14.34.1-14.34.14.	3.6	25
36	Redox-sensitive probes for the measurement of redox chemistries within phagosomes of macrophages and dendritic cells. <i>Redox Biology</i> , 2013, 1, 467-474.	9.0	17

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37	Redox Considerations in the Phagosome: Current Concepts, Controversies, and Future Challenges. Antioxidants and Redox Signaling, 2013, 18, 628-629.	5.4	10
38	Giardia duodenalis cysteine cathepsin proteases and their role in intestinal disease. FASEB Journal, 2013, 27, 647.7.	0.5	2
39	Intracellular chloride channel protein CLIC1 regulates macrophage functions via modulation of phagosomal acidification. Journal of Cell Science, 2012, 125, 5479-88.	2.0	75
40	Phagosomal proteolysis in dendritic cells is modulated by NADPH oxidase in a pH-independent manner. EMBO Journal, 2012, 31, 932-944.	7.8	143
41	Alternative activation of macrophages by IL-4 enhances the proteolytic capacity of their phagosomes through synergistic mechanisms. Blood, 2011, 118, 4199-4208.	1.4	117
42	In vitro and in vivo transfection of primary phagocytes via microbubble-mediated intraphagosomal sonoporation. Journal of Immunological Methods, 2011, 371, 152-158.	1.4	12
43	Development of a novel, cell-based chemical screen to identify inhibitors of intraphagosomal lipolysis in macrophages. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2010, 77A, 751-760.	1.5	11
44	NADPH oxidase activity controls phagosomal proteolysis in macrophages through modulation of the luminal redox environment of phagosomes. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 10496-10501.	7.1	123
45	Antiviral Antibodies Target Adenovirus to Phagolysosomes and Amplify the Innate Immune Response. Journal of Immunology, 2009, 182, 7058-7068.	0.8	50
46	Intraphagosomal Measurement of the Magnitude and Duration of the Oxidative Burst. Traffic, 2009, 10, 372-378.	2.7	84
47	Recording Phagosome Maturation Through the Real-Time, Spectrofluorometric Measurement of Hydrolytic Activities. Methods in Molecular Biology, 2009, 531, 157-171.	0.9	24
48	Intraphagosomal measurement of the magnitude and duration of the oxidative burst.. Traffic, 2009, 10, 372-8.	2.7	48
49	Real-Time Spectrofluorometric Assays for the Luminal Environment of the Maturing Phagosome. Methods in Molecular Biology, 2008, 445, 311-325.	0.9	63
50	Toll-like receptors and phagosome maturation. Nature Immunology, 2007, 8, 217-217.	14.5	24
51	TLR signalling and phagosome maturation: an alternative viewpoint. Cellular Microbiology, 2007, 9, 849-850.	2.1	20
52	<i>Mycobacterium tuberculosis</i> and the environment within the phagosome. Immunological Reviews, 2007, 219, 37-54.	6.0	314
53	Macrophage Activation Downregulates the Degradative Capacity of the Phagosome. Traffic, 2007, 8, 241-250.	2.7	119
54	Adherent and Invasive Escherichia coli Is Associated with Granulomatous Colitis in Boxer Dogs. Infection and Immunity, 2006, 74, 4778-4792.	2.2	235

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55	The Kinetics of Phagosome Maturation as a Function of Phagosome/Lysosome Fusion and Acquisition of Hydrolytic Activity. <i>Traffic</i> , 2005, 6, 413-420.	2.7	195
56	Phagosome Maturation Proceeds Independently of Stimulation of Toll-like Receptors 2 and 4. <i>Immunity</i> , 2005, 23, 409-417.	14.3	192
57	Functional Analysis of the Intraphagosomal Environment of the Macrophage: Fluorogenic Reporters and the Transcriptional Responses of <i>Salmonella</i> and <i>Mycobacterium</i> spp.. , 0, , 249-264.		0