

# Gregory A Taylor

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

14,262  
citations

201385

27  
h-index

301761

39  
g-index

40  
all docs

40  
docs citations

40  
times ranked

25171  
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.	4.3	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	4.3	3,122
3	Autophagy Is a Defense Mechanism Inhibiting BCG and Mycobacterium tuberculosis Survival in Infected Macrophages. <i>Cell</i> , 2004, 119, 753-766.	13.5	1,996
4	Human IRGM Induces Autophagy to Eliminate Intracellular Mycobacteria. <i>Science</i> , 2006, 313, 1438-1441.	6.0	831
5	Immune Control of Tuberculosis by IFN- $\gamma$ -Inducible LRG-47. <i>Science</i> , 2003, 302, 654-659.	6.0	629
6	Inactivation of Lrg-47 and Irg-47 Reveals a Family of Interferon $\gamma$ -Inducible Genes with Essential, Pathogen-Specific Roles in Resistance to Infection. <i>Journal of Experimental Medicine</i> , 2001, 194, 181-188.	4.2	311
7	Phosphorylation of Immunity-Related GTPases by a Toxoplasma gondii-Secreted Kinase Promotes Macrophage Survival and Virulence. <i>Cell Host and Microbe</i> , 2010, 8, 484-495.	5.1	286
8	p47 GTPases: regulators of immunity to intracellular pathogens. <i>Nature Reviews Immunology</i> , 2004, 4, 100-109.	10.6	247
9	Akkermansia muciniphila mediates negative effects of IFN $\gamma$ on glucose metabolism. <i>Nature Communications</i> , 2016, 7, 13329.	5.8	232
10	Interferon-Inducible GTPases in Host Resistance, Inflammation and Disease. <i>Journal of Molecular Biology</i> , 2016, 428, 3495-3513.	2.0	183
11	IRG and GBP Host Resistance Factors Target Aberrant, "Non-self" Vacuoles Characterized by the Missing of "Self" IRGM Proteins. <i>PLoS Pathogens</i> , 2013, 9, e1003414.	2.1	163
12	The Polymorphic Pseudokinase ROP5 Controls Virulence in Toxoplasma gondii by Regulating the Active Kinase ROP18. <i>PLoS Pathogens</i> , 2012, 8, e1002992.	2.1	153
13	The Crohn's Disease Risk Factor IRGM Limits NLRP3 Inflammasome Activation by Impeding Its Assembly and by Mediating Its Selective Autophagy. <i>Molecular Cell</i> , 2019, 73, 429-445.e7.	4.5	145
14	IRG proteins: key mediators of interferon-regulated host resistance to intracellular pathogens. <i>Cellular Microbiology</i> , 2007, 9, 1099-1107.	1.1	124
15	The p47 GTPase Lrg-47 (Irgm1) Links Host Defense and Hematopoietic Stem Cell Proliferation. <i>Cell Stem Cell</i> , 2008, 2, 83-89.	5.2	124
16	Irgm1-deficient mice exhibit Paneth cell abnormalities and increased susceptibility to acute intestinal inflammation. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 305, G573-G584.	1.6	115
17	Control of IFN- $\gamma$ -mediated host resistance to intracellular pathogens by immunity-related GTPases (p47) Tj ETQq1 1.0.784314 rgBT /Ove	1.0	94
18	Balance of Irgm protein activities determines IFN- $\gamma$ -induced host defense. <i>Journal of Leukocyte Biology</i> , 2009, 85, 877-885.	1.5	91

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19	Viral Replication Complexes Are Targeted by LC3-Guided Interferon-Inducible GTPases. <i>Cell Host and Microbe</i> , 2017, 22, 74-85.e7.	5.1	90
20	<i>Toxoplasma gondii</i> Parasitophorous Vacuole Membrane-Associated Dense Granule Proteins Orchestrate Chronic Infection and GRA12 Underpins Resistance to Host Gamma Interferon. <i>MBio</i> , 2019, 10, .	1.8	81
21	Immunity-related GTPase M (IRGM) Proteins Influence the Localization of Guanylate-binding Protein 2 (GBP2) by Modulating Macroautophagy. <i>Journal of Biological Chemistry</i> , 2011, 286, 30471-30480.	1.6	71
22	Impaired Macrophage Function Underscores Susceptibility to Salmonella in Mice Lacking Irgm1 (LRG-47). <i>Journal of Immunology</i> , 2007, 179, 6963-6972.	0.4	69
23	IRGM1 links mitochondrial quality control to autoimmunity. <i>Nature Immunology</i> , 2021, 22, 312-321.	7.0	67
24	Behavioral characterization of P311 knockout mice. <i>Genes, Brain and Behavior</i> , 2008, 7, 786-795.	1.1	44
25	Dynamin-related Irgm proteins modulate LPS-induced caspase-11 activation and septic shock. <i>EMBO Reports</i> , 2020, 21, e50830.	2.0	41
26	Zinc inhibits turnover of labile mRNAs in intact cells. <i>Journal of Cellular Physiology</i> , 1995, 162, 378-387.	2.0	34
27	Partners in anti-crime: how interferon-inducible GTPases and autophagy proteins team up in cell-intrinsic host defense. <i>Current Opinion in Immunology</i> , 2018, 54, 93-101.	2.4	29
28	Palmitoylation of the Immunity Related GTPase, Irgm1: Impact on Membrane Localization and Ability to Promote Mitochondrial Fission. <i>PLoS ONE</i> , 2014, 9, e95021.	1.1	29
29	Enterocyte-innate lymphoid cell crosstalk drives early IFN- $\gamma$ -mediated control of <i>Cryptosporidium</i> . <i>Mucosal Immunology</i> , 2022, 15, 362-372.	2.7	26
30	Rhoptry and Dense Granule Secreted Effectors Regulate CD8+ T Cell Recognition of <i>Toxoplasma gondii</i> Infected Host Cells. <i>Frontiers in Immunology</i> , 2019, 10, 2104.	2.2	24
31	Metabolic Alterations Contribute to Enhanced Inflammatory Cytokine Production in Irgm1-deficient Macrophages. <i>Journal of Biological Chemistry</i> , 2017, 292, 4651-4662.	1.6	22
32	Environmental factors regulate Paneth cell phenotype and host susceptibility to intestinal inflammation in Irgm1-deficient mice. <i>DMM Disease Models and Mechanisms</i> , 2018, 11, .	1.2	22
33	Na $\gamma$ ve CD8 T cell IFN- $\gamma$ responses to a vacuolar antigen are regulated by an inflammasome-independent NLRP3 pathway and <i>Toxoplasma gondii</i> ROP5. <i>PLoS Pathogens</i> , 2020, 16, e1008327.	2.1	16
34	Irgm1-deficiency leads to myeloid dysfunction in colon lamina propria and susceptibility to the intestinal pathogen <i>Citrobacter rodentium</i> . <i>PLoS Pathogens</i> , 2020, 16, e1008553.	2.1	14
35	IFN- $\gamma$ -induced macrophage antileishmanial mechanisms in mice: A role for immunity-related GTPases, Irgm1 and Irgm3, in <i>Leishmania donovani</i> infection in the liver. <i>Experimental Parasitology</i> , 2015, 157, 103-109.	0.5	12
36	IRGM3 Contributes to Immunopathology and Is Required for Differentiation of Antigen-Specific Effector CD8 <sup>+</sup> T Cells in Experimental Cerebral Malaria. <i>Infection and Immunity</i> , 2015, 83, 1406-1417.	1.0	8

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37	Irgm1 regulates metabolism and function in T cell subsets. Scientific Reports, 2022, 12, 850.	1.6	8
38	mTOR is critical for intestinal T-cell homeostasis and resistance to Citrobacter rodentium. Scientific Reports, 2016, 6, 34939.	1.6	4
39	Th17 Immunity in the Colon Is Controlled by Two Novel Subsets of Colon-Specific Mononuclear Phagocytes. Frontiers in Immunology, 2021, 12, 661290.	2.2	3