

Vojo P Deretic

List of Publications by Year in Descending Order

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Version: 2024-04-10

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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.

192 papers	32,959 citations	81 h-index	181 g-index
277 ext. papers	37,077 ext. citations	10.4 avg, IF	7.38 L-index

#	Paper	IF	Citations
192	A guide to membrane atg8ylation and autophagy with reflections on immunity. <i>Journal of Cell Biology</i> , 2022 , 221,	7.3	4
191	Mammalian hybrid pre-autophagosomal structure HyPAS generates autophagosomes. <i>Cell</i> , 2021 , 184, 5950-5969.e22	56.2	7
190	Autophagy in inflammation, infection, and immunometabolism. <i>Immunity</i> , 2021 , 54, 437-453	32.3	68
189	Autophagy in metabolism and quality control: opposing, complementary or interlinked functions?. <i>Autophagy</i> , 2021 , 1-10	10.2	10
188	Not lowering the bar, just providing a step stool. <i>Autophagy</i> , 2021 , 17, 1569-1570	10.2	
187	ATG9A protects the plasma membrane from programmed and incidental permeabilization. <i>Nature Cell Biology</i> , 2021 , 23, 846-858	23.4	11
186	Autophagy in major human diseases. <i>EMBO Journal</i> , 2021 , 40, e108863	13	79
185	Non-autophagy role of Atg5 and NBR1 in unconventional secretion of IL-12 prevents gut dysbiosis and inflammation. <i>Journal of Crohn's and Colitis</i> , 2021 ,	1.5	3
184	Atg8ylation as a general membrane stress and remodeling response. <i>Cell Stress</i> , 2021 , 5, 128-142	5.5	5
183	MERIT, a cellular system coordinating lysosomal repair, removal and replacement. <i>Autophagy</i> , 2020 , 16, 1539-1541	10.2	7
182	Optical induction of autophagy via Transcription factor EB (TFEB) reduces pathological tau in neurons. <i>PLoS ONE</i> , 2020 , 15, e0230026	3.7	10
181	AMPK is activated during lysosomal damage via a galectin-ubiquitin signal transduction system. <i>Autophagy</i> , 2020 , 16, 1550-1552	10.2	8
180	AMPK, a Regulator of Metabolism and Autophagy, Is Activated by Lysosomal Damage via a Novel Galectin-Directed Ubiquitin Signal Transduction System. <i>Molecular Cell</i> , 2020 , 77, 951-969.e9	17.6	53
179	Azithromycin and ciprofloxacin have a chloroquine-like effect on respiratory epithelial cells 2020 ,		25
178	Ambroxol and Ciprofloxacin Show Activity Against SARS-CoV2 in Vero E6 Cells at Clinically-Relevant Concentrations 2020 ,		7
177	Sustained activation of autophagy suppresses adipocyte maturation via a lipolysis-dependent mechanism. <i>Autophagy</i> , 2020 , 16, 1668-1682	10.2	14
176	Galectin-3 Coordinates a Cellular System for Lysosomal Repair and Removal. <i>Developmental Cell</i> , 2020 , 52, 69-87.e8	10.2	80

175	Mammalian Atg8-family proteins are upstream regulators of the lysosomal system by controlling MTOR and TFEB. <i>Autophagy</i> , 2020 , 16, 2305-2306	10.2	4
174	Mammalian Atg8 proteins and the autophagy factor IRGM control mTOR and TFEB at a regulatory node critical for responses to pathogens. <i>Nature Cell Biology</i> , 2020 , 22, 973-985	23.4	20
173	Autophagy, Inflammation, and Metabolism (AIM) Center in its second year. <i>Autophagy</i> , 2019 , 15, 1829-1832	8.3	2
172	Enhancement of lung levels of antibiotics by ambroxol and bromhexine. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2019 , 15, 213-218	5.5	4
171	Galectins control MTOR and AMPK in response to lysosomal damage to induce autophagy. <i>Autophagy</i> , 2019 , 15, 169-171	10.2	57
170	TRIM32, but not its muscular dystrophy-associated mutant, positively regulates and is targeted to autophagic degradation by p62/SQSTM1. <i>Journal of Cell Science</i> , 2019 , 132,	5.3	9
169	Mammalian Atg8 proteins regulate lysosome and autolysosome biogenesis through SNAREs. <i>EMBO Journal</i> , 2019 , 38, e101994	13	24
168	Phosphorylation of Syntaxin 17 by TBK1 Controls Autophagy Initiation. <i>Developmental Cell</i> , 2019 , 49, 130-144.e6	10.2	63
167	Autophagosome Formation: Cutting the Gordian Knot at the ER. <i>Current Biology</i> , 2018 , 28, R347-R349	6.3	16
166	Galectins Control mTOR in Response to Endomembrane Damage. <i>Molecular Cell</i> , 2018 , 70, 120-135.e8	17.6	109
165	Role of autophagy in IL-1 β export and release from cells. <i>Seminars in Cell and Developmental Biology</i> , 2018 , 83, 36-41	7.5	37
164	Mechanism of Stx17 recruitment to autophagosomes via IRGM and mammalian Atg8 proteins. <i>Journal of Cell Biology</i> , 2018 , 217, 997-1013	7.3	80
163	Ambroxol Induces Autophagy and Potentiates Rifampin Antimycobacterial Activity. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	21
162	Autophagy balances inflammation in innate immunity. <i>Autophagy</i> , 2018 , 14, 243-251	10.2	242
161	TRIM-directed selective autophagy regulates immune activation. <i>Autophagy</i> , 2017 , 13, 989-990	10.2	64
160	Molecular definitions of autophagy and related processes. <i>EMBO Journal</i> , 2017 , 36, 1811-1836	13	857
159	Cellular and molecular mechanism for secretory autophagy. <i>Autophagy</i> , 2017 , 13, 1084-1085	10.2	45
158	Galectins and TRIMs directly interact and orchestrate autophagic response to endomembrane damage. <i>Autophagy</i> , 2017 , 13, 1086-1087	10.2	26

157	Dedicated SNAREs and specialized TRIM cargo receptors mediate secretory autophagy. <i>EMBO Journal</i> , 2017 , 36, 42-60	13	174
156	Determinants of Phagocytosis, Phagosome Biogenesis and Autophagy for Mycobacterium tuberculosis 2017 , 1-22		12
155	Autophagy ³ secret life: secretion instead of degradation. <i>Essays in Biochemistry</i> , 2017 , 61, 637-647	7.6	37
154	Mechanism of action of the tuberculosis and Crohn disease risk factor IRGM in autophagy. <i>Autophagy</i> , 2016 , 12, 429-31	10.2	25
153	TRIM17 contributes to autophagy of midbodies while actively sparing other targets from degradation. <i>Journal of Cell Science</i> , 2016 , 129, 3562-3573	5.3	27
152	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
151	Precision autophagy directed by receptor regulators - emerging examples within the TRIM family. <i>Journal of Cell Science</i> , 2016 , 129, 881-91	5.3	72
150	Targeted pulmonary delivery of inducers of host macrophage autophagy as a potential host-directed chemotherapy of tuberculosis. <i>Advanced Drug Delivery Reviews</i> , 2016 , 102, 10-20	18.5	27
149	TRIMs and Galectins Globally Cooperate and TRIM16 and Galectin-3 Co-direct Autophagy in Endomembrane Damage Homeostasis. <i>Developmental Cell</i> , 2016 , 39, 13-27	10.2	222
148	Autophagy in leukocytes and other cells: mechanisms, subsystem organization, selectivity, and links to innate immunity. <i>Journal of Leukocyte Biology</i> , 2016 , 100, 969-978	6.5	27
147	Therapeutic targeting of autophagy in neurodegenerative and infectious diseases. <i>Journal of Experimental Medicine</i> , 2015 , 212, 979-90	16.6	141
146	IRGM governs the core autophagy machinery to conduct antimicrobial defense. <i>Molecular Cell</i> , 2015 , 58, 507-21	17.6	144
145	Pharmaceutical screen identifies novel target processes for activation of autophagy with a broad translational potential. <i>Nature Communications</i> , 2015 , 6, 8620	17.4	96
144	Autophagosomes and lipid droplets: no longer just chewing the fat. <i>EMBO Journal</i> , 2015 , 34, 2111-3	13	7
143	TRIM-mediated precision autophagy targets cytoplasmic regulators of innate immunity. <i>Journal of Cell Biology</i> , 2015 , 210, 973-89	7.3	171
142	Secretory autophagy. <i>Current Opinion in Cell Biology</i> , 2015 , 35, 106-16	9	267
141	Immunologic manifestations of autophagy. <i>Journal of Clinical Investigation</i> , 2015 , 125, 75-84	15.9	113
140	TRIM proteins regulate autophagy and can target autophagic substrates by direct recognition. <i>Developmental Cell</i> , 2014 , 30, 394-409	10.2	217

139	Autophagy in tuberculosis. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2014 , 4, a018481	5.4	52
138	Neutral lipid stores and lipase PNPLA5 contribute to autophagosome biogenesis. <i>Current Biology</i> , 2014 , 24, 609-20	6.3	168
137	TRIM proteins regulate autophagy: TRIM5 is a selective autophagy receptor mediating HIV-1 restriction. <i>Autophagy</i> , 2014 , 10, 2387-8	10.2	53
136	Regulatory coordination between two major intracellular homeostatic systems: heat shock response and autophagy. <i>Journal of Biological Chemistry</i> , 2013 , 288, 14959-72	5.4	109
135	PtdIns(3)P-bound UVRAG coordinates Golgi-ER retrograde and Atg9 transport by differential interactions with the ER tether and the beclin-1 complex. <i>Nature Cell Biology</i> , 2013 , 15, 1206-1219	23.4	71
134	Autophagy in infection, inflammation and immunity. <i>Nature Reviews Immunology</i> , 2013 , 13, 722-37	36.5	1241
133	Secretory versus degradative autophagy: unconventional secretion of inflammatory mediators. <i>Journal of Innate Immunity</i> , 2013 , 5, 471-9	6.9	85
132	Autophagy as an immune effector against tuberculosis. <i>Current Opinion in Microbiology</i> , 2013 , 16, 355-65	7.9	83
131	The effect of HSF-1 and HSP70 on autophagy regulation. <i>FASEB Journal</i> , 2013 , 27, 994.7	0.9	
130	Autophagy protects against active tuberculosis by suppressing bacterial burden and inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, E3168-76	11.5	322
129	Autophagy intersections with conventional and unconventional secretion in tissue development, remodeling and inflammation. <i>Trends in Cell Biology</i> , 2012 , 22, 397-406	18.3	164
128	TBK-1 promotes autophagy-mediated antimicrobial defense by controlling autophagosome maturation. <i>Immunity</i> , 2012 , 37, 223-34	32.3	446
127	Autophagy as an innate immunity paradigm: expanding the scope and repertoire of pattern recognition receptors. <i>Current Opinion in Immunology</i> , 2012 , 24, 21-31	7.8	219
126	Autophagy: an emerging immunological paradigm. <i>Journal of Immunology</i> , 2012 , 189, 15-20	5.3	131
125	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012 , 8, 445-544	46.2	2783
124	Autophagy-based unconventional secretory pathway for extracellular delivery of IL-1 β . <i>EMBO Journal</i> , 2011 , 30, 4701-11	13	614
123	Autophagy in immunity and cell-autonomous defense against intracellular microbes. <i>Immunological Reviews</i> , 2011 , 240, 92-104	11.3	277
122	Lysosomal positioning coordinates cellular nutrient responses. <i>Nature Cell Biology</i> , 2011 , 13, 453-60	23.4	564

121	Autophagy and p62/sequestosome 1 generate neo-antimicrobial peptides (cryptides) from cytosolic proteins. <i>Autophagy</i> , 2011 , 7, 336-7	10.2	17
120	Relief from Zmp1-mediated arrest of phagosome maturation is associated with facilitated presentation and enhanced immunogenicity of mycobacterial antigens. <i>Vaccine Journal</i> , 2011 , 18, 907-13		41
119	A comprehensive glossary of autophagy-related molecules and processes (2nd edition). <i>Autophagy</i> , 2011 , 7, 1273-94	10.2	205
118	Human IRGM regulates autophagy and cell-autonomous immunity functions through mitochondria. <i>Nature Cell Biology</i> , 2010 , 12, 1154-65	23.4	186
117	13[C]-urea breath test as a novel point-of-care biomarker for tuberculosis treatment and diagnosis. <i>PLoS ONE</i> , 2010 , 5, e12451	3.7	23
116	A comprehensive glossary of autophagy-related molecules and processes. <i>Autophagy</i> , 2010 , 6, 438-48	10.2	123
115	A master conductor for aggregate clearance by autophagy. <i>Developmental Cell</i> , 2010 , 18, 694-6	10.2	11
114	Autophagy and HIV. <i>Seminars in Cell and Developmental Biology</i> , 2010 , 21, 712-8	7.5	28
113	Delivery of cytosolic components by autophagic adaptor protein p62 endows autophagosomes with unique antimicrobial properties. <i>Immunity</i> , 2010 , 32, 329-41	32.3	248
112	Autophagy in infection. <i>Current Opinion in Cell Biology</i> , 2010 , 22, 252-62	9	151
111	The role of PI3P phosphatases in the regulation of autophagy. <i>FEBS Letters</i> , 2010 , 584, 1313-8	3.8	84
110	Human immunodeficiency virus-1 inhibition of immunoamphisomes in dendritic cells impairs early innate and adaptive immune responses. <i>Immunity</i> , 2010 , 32, 654-69	32.3	210
109	Autophagy of intracellular microbes and mitochondria: two sides of the same coin?. <i>F1000 Biology Reports</i> , 2010 , 2,		12
108	Links between autophagy, innate immunity, inflammation and Crohn's disease. <i>Digestive Diseases</i> , 2009 , 27, 246-51	3.2	33
107	Autophagy pathway intersects with HIV-1 biosynthesis and regulates viral yields in macrophages. <i>Journal of Cell Biology</i> , 2009 , 186, 255-68	7.3	391
106	Strange bedfellows expose ancient secrets of autophagy in immunity. <i>Immunity</i> , 2009 , 30, 479-81	32.3	7
105	Control of autophagy initiation by phosphoinositide 3-phosphatase Jumpy. <i>EMBO Journal</i> , 2009 , 28, 2244-58	43.5	219
104	Control of autophagy initiation by phosphoinositide 3-phosphatase jumpy. <i>EMBO Journal</i> , 2009 , 28, 3780-3780	37.1	1

103	Toll-like receptors in control of immunological autophagy. <i>Cell Death and Differentiation</i> , 2009 , 16, 976-88.	2.7	123
102	Autophagy and pattern recognition receptors in innate immunity. <i>Immunological Reviews</i> , 2009 , 227, 189-202	11.3	148
101	Multiple regulatory and effector roles of autophagy in immunity. <i>Current Opinion in Immunology</i> , 2009 , 21, 53-62	7.8	84
100	Autophagy, immunity, and microbial adaptations. <i>Cell Host and Microbe</i> , 2009 , 5, 527-49	23.4	694
99	Th1-Th2 polarisation and autophagy in the control of intracellular mycobacteria by macrophages. <i>Veterinary Immunology and Immunopathology</i> , 2009 , 128, 37-43	2	47
98	Autophagy in immunity against mycobacterium tuberculosis: a model system to dissect immunological roles of autophagy. <i>Current Topics in Microbiology and Immunology</i> , 2009 , 335, 169-88	3.3	98
97	Monitoring autophagy during Mycobacterium tuberculosis infection. <i>Methods in Enzymology</i> , 2009 , 452, 345-61	1.7	13
96	Autophagy pathway intersects with HIV-1 biosynthesis and regulates viral yields in macrophages. <i>Journal of Experimental Medicine</i> , 2009 , 206, i16-i16	16.6	
95	Toll-like receptors control autophagy. <i>EMBO Journal</i> , 2008 , 27, 1110-21	13	597
94	How cells clean house. <i>Scientific American</i> , 2008 , 298, 74-81	0.5	30
93	Beclin1-binding UVRAG targets the class C Vps complex to coordinate autophagosome maturation and endocytic trafficking. <i>Nature Cell Biology</i> , 2008 , 10, 776-87	23.4	594
92	Autophagosome and phagosome. <i>Methods in Molecular Biology</i> , 2008 , 445, 1-10	1.4	44
91	Mycobacterium tuberculosis prevents inflammasome activation. <i>Cell Host and Microbe</i> , 2008 , 3, 224-32	23.4	295
90	Autophagosome-independent essential function for the autophagy protein Atg5 in cellular immunity to intracellular pathogens. <i>Cell Host and Microbe</i> , 2008 , 4, 458-69	23.4	332
89	Autophagy gives a nod and a wink to the inflammasome and Paneth cells in Crohn's disease. <i>Developmental Cell</i> , 2008 , 15, 641-2	10.2	23
88	Autophagy, an immunologic magic bullet: Mycobacterium tuberculosis phagosome maturation block and how to bypass it. <i>Future Microbiology</i> , 2008 , 3, 517-24	2.9	47
87	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. <i>Autophagy</i> , 2008 , 4, 151-75	10.2	1920
86	In vitro phagosome-endosome fusion. <i>Methods in Molecular Biology</i> , 2008 , 445, 301-9	1.4	

85	The Mycobacterium tuberculosis phagosome. <i>Methods in Molecular Biology</i> , 2008 , 445, 439-49	1.4	6
84	Autophagic proteolysis of long-lived proteins in nonliver cells. <i>Methods in Molecular Biology</i> , 2008 , 445, 111-7	1.4	24
83	Phosphoinositides in phagolysosome and autophagosome biogenesis. <i>Biochemical Society Symposia</i> , 2007 , 74, 141-148		10
82	Unveiling the roles of autophagy in innate and adaptive immunity. <i>Nature Reviews Immunology</i> , 2007 , 7, 767-77	36.5	715
81	Mechanism of inducible nitric oxide synthase exclusion from mycobacterial phagosomes. <i>PLoS Pathogens</i> , 2007 , 3, e186	7.6	86
80	Nitrosative stress inhibits production of the virulence factor alginate in mucoid <i>Pseudomonas aeruginosa</i> . <i>Free Radical Research</i> , 2007 , 41, 208-15	4	11
79	Pharmacological modulation of cGMP levels by phosphodiesterase 5 inhibitors as a therapeutic strategy for treatment of respiratory pathology in cystic fibrosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2007 , 293, L712-9	5.8	35
78	T helper 2 cytokines inhibit autophagic control of intracellular <i>Mycobacterium tuberculosis</i> . <i>Immunity</i> , 2007 , 27, 505-17	32.3	361
77	T Helper 2 Cytokines Inhibit Autophagic Control of Intracellular <i>Mycobacterium tuberculosis</i> . <i>Immunity</i> , 2007 , 27, 685	32.3	2
76	Elevated furin levels in human cystic fibrosis cells result in hypersusceptibility to exotoxin A-induced cytotoxicity. <i>Journal of Clinical Investigation</i> , 2007 , 117, 3489-97	15.9	28
75	Phosphoinositides in phagolysosome and autophagosome biogenesis. <i>Biochemical Society Symposia</i> , 2007 , 141-8		9
74	Molecular and physiological effects of mycobacterial oxyR inactivation. <i>Journal of Bacteriology</i> , 2006 , 188, 2674-80	3.5	28
73	Nonclassical pathway of <i>Pseudomonas aeruginosa</i> DNA-induced interleukin-8 secretion in cystic fibrosis airway epithelial cells. <i>Infection and Immunity</i> , 2006 , 74, 2975-84	3.7	27
72	Human IRGM induces autophagy to eliminate intracellular mycobacteria. <i>Science</i> , 2006 , 313, 1438-41	33.3	738
71	Autophagy in immune defense against <i>Mycobacterium tuberculosis</i> . <i>Autophagy</i> , 2006 , 2, 175-8	10.2	61
70	Higher order Rab programming in phagolysosome biogenesis. <i>Journal of Cell Biology</i> , 2006 , 174, 923-9	7.3	101
69	Overview of Autophagy 2006 , 1-17		2
68	The inhibition of phagolysosomal biogenesis is fundamental to tuberculosis. <i>Drug Discovery Today Disease Mechanisms</i> , 2006 , 3, 247-252		

67	Endogenous Major Histocompatibility Complex Class II Antigen Processing of Viral Antigens 2006 , 212-225		
66	Autophagy in Antiviral Host Defense 2006 , 227-241		2
65	Cell Biology and Biochemistry of Autophagy 2006 , 19-53		1
64	The Dual Roles for Autophagy in Cell Death and Survival 2006 , 105-126		
63	Autophagy and Mycobacterium tuberculosis 2006 , 127-138		
62	Listeria monocytogenes: A Model System for Studying Autophagy 2006 , 161-178		
61	Chloroquine normalizes aberrant transforming growth factor beta activity in cystic fibrosis bronchial epithelial cells. <i>Pediatric Pulmonology</i> , 2006 , 41, 771-8	3.5	14
60	Mycobacterium tuberculosis inhibition of phagolysosome biogenesis and autophagy as a host defence mechanism. <i>Cellular Microbiology</i> , 2006 , 8, 719-27	3.9	246
59	Mechanisms of action of isoniazid. <i>Molecular Microbiology</i> , 2006 , 62, 1220-7	4.1	283
58	Rab14 is critical for maintenance of Mycobacterium tuberculosis phagosome maturation arrest. <i>EMBO Journal</i> , 2006 , 25, 5250-9	13	135
57	Endosomal hyperacidification in cystic fibrosis is due to defective nitric oxide-cyclic GMP signalling cascade. <i>EMBO Reports</i> , 2006 , 7, 553-9	6.5	24
56	Autophagy as an immune defense mechanism. <i>Current Opinion in Immunology</i> , 2006 , 18, 375-82	7.8	169
55	Mechanism of phagolysosome biogenesis block by viable Mycobacterium tuberculosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 4033-8	11.5	406
54	Autophagy in innate and adaptive immunity. <i>Trends in Immunology</i> , 2005 , 26, 523-8	14.4	186
53	Ay, there's the Rab: organelle maturation by Rab conversion. <i>Developmental Cell</i> , 2005 , 9, 446-8	10.2	6
52	Mycobacterium tuberculosis reprograms waves of phosphatidylinositol 3-phosphate on phagosomal organelles. <i>Journal of Biological Chemistry</i> , 2004 , 279, 36982-92	5.4	73
51	Microarray analysis reveals induction of lipoprotein genes in mucoid Pseudomonas aeruginosa: implications for inflammation in cystic fibrosis. <i>Infection and Immunity</i> , 2004 , 72, 5012-8	3.7	52
50	Requirements for nitric oxide generation from isoniazid activation in vitro and inhibition of mycobacterial respiration in vivo. <i>Journal of Bacteriology</i> , 2004 , 186, 5427-31	3.5	38

49	Mycobacteria inhibit nitric oxide synthase recruitment to phagosomes during macrophage infection. <i>Infection and Immunity</i> , 2004 , 72, 2872-8	3.7	104
48	Microarray analysis and functional characterization of the nitrosative stress response in nonmucoid and mucoid <i>Pseudomonas aeruginosa</i> . <i>Journal of Bacteriology</i> , 2004 , 186, 4046-50	3.5	57
47	Mycobacterium tuberculosis phagosome maturation arrest: mycobacterial phosphatidylinositol analog phosphatidylinositol mannoside stimulates early endosomal fusion. <i>Molecular Biology of the Cell</i> , 2004 , 15, 751-60	3.5	204
46	Endosomal membrane traffic: convergence point targeted by Mycobacterium tuberculosis and HIV. <i>Cellular Microbiology</i> , 2004 , 6, 999-1009	3.9	44
45	Cell biology of mycobacterium tuberculosis phagosome. <i>Annual Review of Cell and Developmental Biology</i> , 2004 , 20, 367-94	12.6	352
44	Nitric oxide generated from isoniazid activation by KatG: source of nitric oxide and activity against Mycobacterium tuberculosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2004 , 48, 3006-9	5.9	60
43	Autophagy is a defense mechanism inhibiting BCG and Mycobacterium tuberculosis survival in infected macrophages. <i>Cell</i> , 2004 , 119, 753-66	56.2	1735
42	A tale of two lipids: Mycobacterium tuberculosis phagosome maturation arrest. <i>Current Opinion in Microbiology</i> , 2004 , 7, 71-7	7.9	88
41	Induction of p38 mitogen-activated protein kinase reduces early endosome autoantigen 1 (EEA1) recruitment to phagosomal membranes. <i>Journal of Biological Chemistry</i> , 2003 , 278, 46961-7	5.4	90
40	Mycobacterium tuberculosis phagosome maturation arrest: selective targeting of PI3P-dependent membrane trafficking. <i>Traffic</i> , 2003 , 4, 600-6	5.7	88
39	Mycobacterium tuberculosis glycosylated phosphatidylinositol causes phagosome maturation arrest. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 5437-42	11.5	397
38	Inhibition of InhA activity, but not KasA activity, induces formation of a KasA-containing complex in mycobacteria. <i>Journal of Biological Chemistry</i> , 2003 , 278, 20547-54	5.4	55
37	Microarray Analysis of Global Gene Expression in Mucoid <i>Pseudomonas aeruginosa</i> . <i>Journal of Bacteriology</i> , 2003 , 185, 7029-7029	3.5	1
36	Microarray analysis of global gene expression in mucoid <i>Pseudomonas aeruginosa</i> . <i>Journal of Bacteriology</i> , 2003 , 185, 1071-81	3.5	135
35	Tuberculosis toxin blocking phagosome maturation inhibits a novel Ca ²⁺ /calmodulin-PI3K hVPS34 cascade. <i>Journal of Experimental Medicine</i> , 2003 , 198, 653-9	16.6	265
34	Hyperacidification of cellubrevin endocytic compartments and defective endosomal recycling in cystic fibrosis respiratory epithelial cells. <i>Journal of Biological Chemistry</i> , 2002 , 277, 13959-65	5.4	37
33	Cellubrevin alterations and Mycobacterium tuberculosis phagosome maturation arrest. <i>Journal of Biological Chemistry</i> , 2002 , 277, 17320-6	5.4	45
32	Global genomic analysis of AlgU (sigma(E))-dependent promoters (sigmulon) in <i>Pseudomonas aeruginosa</i> and implications for inflammatory processes in cystic fibrosis. <i>Journal of Bacteriology</i> , 2002 , 184, 1057-64	3.5	90

31	Reactive nitrogen and oxygen intermediates and bacterial defenses: unusual adaptations in <i>Mycobacterium tuberculosis</i> . <i>Antioxidants and Redox Signaling</i> , 2002 , 4, 141-59	8.4	86
30	Hyperacidification in cystic fibrosis: links with lung disease and new prospects for treatment. <i>Trends in Molecular Medicine</i> , 2002 , 8, 512-9	11.5	62
29	Mycobacterial FurA is a negative regulator of catalase-peroxidase gene katG. <i>Molecular Microbiology</i> , 2001 , 39, 1174-85	4.1	101
28	Regulation of catalase-peroxidase (KatG) expression, isoniazid sensitivity and virulence by furA of <i>Mycobacterium tuberculosis</i> . <i>Molecular Microbiology</i> , 2001 , 40, 879-89	4.1	115
27	Mapping of <i>Mycobacterium tuberculosis</i> katG promoters and their differential expression in infected macrophages. <i>Journal of Bacteriology</i> , 2001 , 183, 4033-9	3.5	41
26	Silencing of oxidative stress response in <i>Mycobacterium tuberculosis</i> : expression patterns of ahpC in virulent and avirulent strains and effect of ahpC inactivation. <i>Infection and Immunity</i> , 2001 , 69, 5967-73	7.7	86
25	<i>Mycobacterium tuberculosis</i> signal transduction system required for persistent infections. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 12706-11	11.5	185
24	Role of phosphatidylinositol 3-kinase and Rab5 effectors in phagosomal biogenesis and mycobacterial phagosome maturation arrest. <i>Journal of Cell Biology</i> , 2001 , 154, 631-44	7.3	429
23	Molecular basis for defective glycosylation and <i>Pseudomonas</i> pathogenesis in cystic fibrosis lung. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 13972-7	11.5	73
22	Mycobacterial FurA is a negative regulator of catalase-peroxidase gene katG 2001 , 39, 1174		3
21	Regulators of membrane trafficking and <i>Mycobacterium tuberculosis</i> phagosome maturation block. <i>Electrophoresis</i> , 2000 , 21, 3378-85	3.6	38
20	Membrane-to-cytosol redistribution of ECF sigma factor AlgU and conversion to mucoidy in <i>Pseudomonas aeruginosa</i> isolates from cystic fibrosis patients. <i>Molecular Microbiology</i> , 2000 , 36, 314-27	4.1	67
19	Dual regulation of mucoidy in <i>Pseudomonas aeruginosa</i> and sigma factor antagonism. <i>Molecular Microbiology</i> , 2000 , 36, 341-51	4.1	80
18	An essential two-component signal transduction system in <i>Mycobacterium tuberculosis</i> . <i>Journal of Bacteriology</i> , 2000 , 182, 3832-8	3.5	174
17	Innate lung defenses and compromised <i>Pseudomonas aeruginosa</i> clearance in the malnourished mouse model of respiratory infections in cystic fibrosis. <i>Infection and Immunity</i> , 2000 , 68, 2142-7	3.7	56
16	Arrest of mycobacterial phagosome maturation is caused by a block in vesicle fusion between stages controlled by rab5 and rab7. <i>Journal of Biological Chemistry</i> , 1997 , 272, 13326-31	5.4	432
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