

Felix Randow

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

14,693
citations

136950

32
h-index

254184

43
g-index

45
all docs

45
docs citations

45
times ranked

26240
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.	9.1	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
3	Galectin 8 targets damaged vesicles for autophagy to defend cells against bacterial invasion. <i>Nature</i> , 2012, 482, 414-418.	27.8	864
4	The TBK1 adaptor and autophagy receptor NDP52 restricts the proliferation of ubiquitin-coated bacteria. <i>Nature Immunology</i> , 2009, 10, 1215-1221.	14.5	766
5	Specific Recognition of Linear Ubiquitin Chains by NEMO Is Important for NF- κ B Activation. <i>Cell</i> , 2009, 136, 1098-1109.	28.9	667
6	The role of PPAR- γ in macrophage differentiation and cholesterol uptake. <i>Nature Medicine</i> , 2001, 7, 41-47.	30.7	476
7	Endoplasmic reticulum chaperone gp96 is required for innate immunity but not cell viability. <i>Nature Cell Biology</i> , 2001, 3, 891-896.	10.3	326
8	Spatiotemporal Control of ULK1 Activation by NDP52 and TBK1 during Selective Autophagy. <i>Molecular Cell</i> , 2019, 74, 347-362.e6.	9.7	314
9	LC3C, Bound Selectively by a Noncanonical LIR Motif in NDP52, Is Required for Antibacterial Autophagy. <i>Molecular Cell</i> , 2012, 48, 329-342.	9.7	285
10	Self and Nonself: How Autophagy Targets Mitochondria and Bacteria. <i>Cell Host and Microbe</i> , 2014, 15, 403-411.	11.0	259
11	Cellular Self-Defense: How Cell-Autonomous Immunity Protects Against Pathogens. <i>Science</i> , 2013, 340, 701-706.	12.6	231
12	The Cargo Receptor NDP52 Initiates Selective Autophagy by Recruiting the ULK Complex to Cytosol-Invading Bacteria. <i>Molecular Cell</i> , 2019, 74, 320-329.e6.	9.7	220
13	A LC3-Interacting Motif in the Influenza A Virus M2 Protein Is Required to Subvert Autophagy and Maintain Virion Stability. <i>Cell Host and Microbe</i> , 2014, 15, 239-247.	11.0	207
14	Viral avoidance and exploitation of the ubiquitin system. <i>Nature Cell Biology</i> , 2009, 11, 527-534.	10.3	204
15	Ubiquitylation of lipopolysaccharide by RNF213 during bacterial infection. <i>Nature</i> , 2021, 594, 111-116.	27.8	185
16	LUBAC-synthesized linear ubiquitin chains restrict cytosol-invading bacteria by activating autophagy and NF- κ B. <i>Nature Microbiology</i> , 2017, 2, 17063.	13.3	182
17	Guanylate-binding proteins convert cytosolic bacteria into caspase-4 signaling platforms. <i>Nature Immunology</i> , 2020, 21, 880-891.	14.5	182
18	The role of ω -eat-me™ signals and autophagy cargo receptors in innate immunity. <i>Current Opinion in Microbiology</i> , 2013, 16, 339-348.	5.1	179

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19	SINTBAD, a novel component of innate antiviral immunity, shares a TBK1-binding domain with NAP1 and TANK. <i>EMBO Journal</i> , 2007, 26, 3180-3190.	7.8	170
20	GBPs Inhibit Motility of <i>Shigella flexneri</i> but Are Targeted for Degradation by the Bacterial Ubiquitin Ligase IpaH9.8. <i>Cell Host and Microbe</i> , 2017, 22, 507-518.e5.	11.0	143
21	Recruitment of <sc>TBK</sc> 1 to cytosolâ€involving <i>Salmonella</i> induces <sc>WIPI</sc> 2â€dependent antibacterial autophagy. <i>EMBO Journal</i> , 2016, 35, 1779-1792.	7.8	107
22	The receptor DNGR-1 signals for phagosomal rupture to promote cross-presentation of dead-cell-associated antigens. <i>Nature Immunology</i> , 2021, 22, 140-153.	14.5	104
23	Autophagy in the regulation of pathogen replication and adaptive immunity. <i>Trends in Immunology</i> , 2012, 33, 475-487.	6.8	101
24	NDP52, a novel autophagy receptor for ubiquitin-decorated cytosolic bacteria. <i>Autophagy</i> , 2010, 6, 288-289.	9.1	92
25	Galectin-8â€mediated selective autophagy protects against seeded tau aggregation. <i>Journal of Biological Chemistry</i> , 2018, 293, 2438-2451.	3.4	84
26	Cleavage by signal peptide peptidase is required for the degradation of selected tail-anchored proteins. <i>Journal of Cell Biology</i> , 2014, 205, 847-862.	5.2	73
27	Sterical Hindrance Promotes Selectivity of the Autophagy Cargo Receptor NDP52 for the Danger Receptor Galectin-8 in Antibacterial Autophagy. <i>Science Signaling</i> , 2013, 6, ra9.	3.6	70
28	How cells deploy ubiquitin and autophagy to defend their cytosol from bacterial invasion. <i>Autophagy</i> , 2011, 7, 304-309.	9.1	58
29	Signal processing by its coil zipper domain activates IKK β . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 1279-1284.	7.1	55
30	Endoplasmic reticulum chaperone gp96 is essential for infection with vesicular stomatitis virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 6970-6975.	7.1	44
31	Targeting the Conserved Stem Loop 2 Motif in the SARS-CoV-2 Genome. <i>Journal of Virology</i> , 2021, 95, e0066321.	3.4	42
32	Rubicon swaps autophagy for LAP. <i>Nature Cell Biology</i> , 2015, 17, 843-845.	10.3	34
33	Transbilayer Movement of Sphingomyelin Precedes Catastrophic Breakage of Enterobacteria-Containing Vacuoles. <i>Current Biology</i> , 2020, 30, 2974-2983.e6.	3.9	33
34	Retroviral transduction of DT40. <i>Sub-Cellular Biochemistry</i> , 2006, 40, 383-386.	2.4	32
35	An essential role for the ATG8 ortholog LC3C in antibacterial autophagy. <i>Autophagy</i> , 2013, 9, 784-786.	9.1	25
36	Sensing of mycobacterial arabinogalactan by galectinâ€9 exacerbates mycobacterial infection. <i>EMBO Reports</i> , 2021, 22, e51678.	4.5	14

#	ARTICLE	IF	CITATIONS
37	CALCOCO2/NDP52 initiates selective autophagy through recruitment of ULK and TBK1 kinase complexes. <i>Autophagy</i> , 2019, 15, 1655-1656.	9.1	12
38	SIK2 orchestrates actin-dependent host response upon Salmonella infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, e2024144118.	7.1	10
39	Strange New World: Bacteria Catalyze Ubiquitylation via ADP Ribosylation. <i>Cell Host and Microbe</i> , 2017, 21, 127-129.	11.0	6
40	Somatic Cell Genetics for the Study of NF- κ B Signaling in Innate ImmunityA presentation from the EMBO Meeting "Cellular Signaling & Molecular Medicine," Cavtat, Croatia, 29 March to 6 April 2008.. <i>Science Signaling</i> , 2008, 1, pt7.	3.6	5
41	Measuring Antibacterial Autophagy. <i>Methods in Molecular Biology</i> , 2019, 1880, 679-690.	0.9	4
42	TBK1 directs WIPI2 against Salmonella. <i>Autophagy</i> , 2016, 12, 2508-2509.	9.1	2