

Martin KrÄjnke

List of Publications by Year in descending order

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45
papers

5,183
citations

218677

26
h-index

254184

43
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45
docs citations

45
times ranked

7303
citing authors

#	ARTICLE	IF	CITATIONS
1	Macrophages target <i>Listeria monocytogenes</i> by two discrete non-canonical autophagy pathways. <i>Autophagy</i> , 2022, 18, 1090-1107.	9.1	20
2	When the Phagosome Gets Leaky: Pore-Forming Toxin-Induced Non-Canonical Autophagy (PINCA). <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 834321.	3.9	4
3	Epitope-specific immunity against <i>Staphylococcus aureus</i> coproporphyrinogen III oxidase. <i>Npj Vaccines</i> , 2021, 6, 11.	6.0	10
4	NOX2 Deficiency Permits Sustained Survival of <i>S. aureus</i> in Macrophages and Contributes to Severity of Infection. <i>Frontiers in Immunology</i> , 2021, 12, 633629.	4.8	4
5	A tissue-specific screen of ceramide expression in aged mice identifies ceramide synthase 1 and ceramide synthase 5 as potential regulators of fiber size and strength in skeletal muscle. <i>Aging Cell</i> , 2020, 19, e13049.	6.7	18
6	Cytosolic Gram-negative bacteria prevent apoptosis by inhibition of effector caspases through lipopolysaccharide. <i>Nature Microbiology</i> , 2020, 5, 354-367.	13.3	33
7	TRIM21 Is Targeted for Chaperone-Mediated Autophagy during <i>Salmonella</i> Typhimurium Infection. <i>Journal of Immunology</i> , 2020, 205, 2456-2467.	0.8	18
8	CHIP ubiquitylates NOXA and induces its lysosomal degradation in response to DNA damage. <i>Cell Death and Disease</i> , 2020, 11, 740.	6.3	5
9	Reduced mitochondrial resilience enables non-canonical induction of apoptosis after TNF receptor signaling in virus-infected hepatocytes. <i>Journal of Hepatology</i> , 2020, 73, 1347-1359.	3.7	11
10	Ceramide Synthase 5 Deficiency Aggravates Dextran Sodium Sulfate-Induced Colitis and Colon Carcinogenesis and Impairs T-Cell Activation. <i>Cancers</i> , 2020, 12, 1753.	3.7	17
11	Murine Epidermal Ceramide Synthase 4 Is a Key Regulator of Skin Barrier Homeostasis. <i>Journal of Investigative Dermatology</i> , 2020, 140, 1927-1937.e5.	0.7	11
12	Highly Efficient Transfection of Primary Macrophages with In Vitro Transcribed mRNA. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	9
13	Mitochondrial reactive oxygen species enable proinflammatory signaling through disulfide linkage of NEMO. <i>Science Signaling</i> , 2019, 12, .	3.6	69
14	Caspase-8 is the molecular switch for apoptosis, necroptosis and pyroptosis. <i>Nature</i> , 2019, 575, 683-687.	27.8	568
15	Generation and selection of antibodies for a novel immunochromatographic lateral flow test to rapidly identify OXA-23-like-mediated carbapenem resistance in <i>Acinetobacter baumannii</i> . <i>Journal of Medical Microbiology</i> , 2019, 68, 1021-1032.	1.8	7
16	The β 2 Integrin Mac-1 Induces Protective LC3-Associated Phagocytosis of <i>Listeria monocytogenes</i> . <i>Cell Host and Microbe</i> , 2018, 23, 324-337.e5.	11.0	93
17	Hypoxia-induced changes in plasma micro-RNAs correlate with pulmonary artery pressure at high altitude. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 314, L157-L164.	2.9	26
18	Recent Zika Virus Isolates Induce Premature Differentiation of Neural Progenitors in Human Brain Organoids. <i>Cell Stem Cell</i> , 2017, 20, 397-406.e5.	11.1	267

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19	Salmonella Typhimurium disrupts Sirt1/AMPK checkpoint control of mTOR to impair autophagy. PLoS Pathogens, 2017, 13, e1006227.	4.7	104
20	p22 ^{phox} C242T Single-Nucleotide Polymorphism Inhibits Inflammatory Oxidative Damage to Endothelial Cells and Vessels. Circulation, 2016, 133, 2391-2403.	1.6	15
21	Endogenous Il10 Alleviates the Systemic Antiviral Cellular Immune Response and T Cell-Mediated Immunopathology in Select Organs of Acutely LCMV-Infected Mice. American Journal of Pathology, 2015, 185, 3025-3038.	3.8	5
22	antagonization promotes inflammatory destruction of vascular endothelium. EMBO Reports, 2015, 16, 719-727.	4.5	15
23	Ceramide Synthase 4 Regulates Stem Cell Homeostasis and Hair Follicle Cycling. Journal of Investigative Dermatology, 2015, 135, 1501-1509.	0.7	40
24	Riboflavin (vitamin B ₂) deficiency impairs NADPH oxidase 2 (Nox2) priming and defense against <i>Listeria monocytogenes</i> . European Journal of Immunology, 2014, 44, 728-741.	2.9	59
25	dependent release of mitochondrial SMAC dampens XIAP-mediated immunity against <i>Shigella</i> . EMBO Journal, 2014, 33, 2171-2187.	7.8	52
26	Obesity-Induced CerS6-Dependent C16:0 Ceramide Production Promotes Weight Gain and Glucose Intolerance. Cell Metabolism, 2014, 20, 678-686.	16.2	520
27	The growth of <i>Staphylococcus aureus</i> and <i>Escherichia coli</i> in low-direct current electric fields. International Journal of Oral Science, 2014, 6, 7-14.	8.6	20
28	Soluble ligands for NK cell receptors promote evasion of chronic lymphocytic leukemia cells from NK cell anti-tumor activity. Blood, 2013, 121, 3658-3665.	1.4	184
29	NOX enzymes as drug targets. Cellular and Molecular Life Sciences, 2012, 69, 2279-2282.	5.4	21
30	Proteomics-Based Identification of Anchorless Cell Wall Proteins as Vaccine Candidates against <i>Staphylococcus aureus</i> . Infection and Immunity, 2009, 77, 2719-2729.	2.2	68
31	Riboflavin kinase couples TNF receptor 1 to NADPH oxidase. Nature, 2009, 460, 1159-1163.	27.8	197
32	Editorial. Immunobiology, 2008, 213, 159.	1.9	0
33	PtdIns(4,5)P-restricted plasma membrane localization of FAN is involved in TNF-induced actin reorganization. EMBO Journal, 2007, 26, 3308-3321.	7.8	32
34	Novel Tumor Necrosis Factor-responsive Mammalian Neutral Sphingomyelinase-3 Is a C-tail-anchored Protein. Journal of Biological Chemistry, 2006, 281, 13784-13793.	3.4	120
35	Role of caspases in TNF-mediated regulation of cPLA2. FEBS Letters, 2002, 531, 18-22.	2.8	33
36	Human Endothelial Cell Activation and Mediator Release in Response to <i>Listeria monocytogenes</i> Virulence Factors. Infection and Immunity, 2001, 69, 897-905.	2.2	67

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37	Purification and Characterization of a Magnesium-dependent Neutral Sphingomyelinase from Bovine Brain. <i>Journal of Biological Chemistry</i> , 2000, 275, 7641-7647.	3.4	71
38	Impaired neutral sphingomyelinase activation and cutaneous barrier repair in FAN-deficient mice. <i>EMBO Journal</i> , 1999, 18, 2472-2479.	7.8	77
39	SPHINGOMYELINASES IN CELL SIGNALING. <i>Biochemical Society Transactions</i> , 1999, 27, A78-A78.	3.4	0
40	Caspase 7-induced cleavage of kinectin in apoptotic cells. <i>FEBS Letters</i> , 1998, 436, 51-54.	2.8	29
41	REGULATION OF CERAMIDE PRODUCTION AND APOPTOSIS. <i>Annual Review of Physiology</i> , 1998, 60, 643-665.	13.1	763
42	FAN, a Novel WD-Repeat Protein, Couples the p55 TNF-Receptor to Neutral Sphingomyelinase. <i>Cell</i> , 1996, 86, 937-947.	28.9	375
43	Soluble HLA class I molecules induce apoptosis in alloreactive cytotoxic T lymphocytes. <i>Nature Medicine</i> , 1996, 2, 1005-1010.	30.7	262
44	A Novel Cytoplasmic Domain of the p55 Tumor Necrosis Factor Receptor Initiates the Neutral Sphingomyelinase Pathway. <i>Journal of Biological Chemistry</i> , 1996, 271, 14617-14622.	3.4	134
45	Functional dichotomy of neutral and acidic sphingomyelinases in tumor necrosis factor signaling. <i>Cell</i> , 1994, 78, 1005-1015.	28.9	730