

Bernd Schröder

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,146
citations

394421

19
h-index

454955

30
g-index

32
all docs

32
docs citations

32
times ranked

1661
citing authors

#	ARTICLE	IF	CITATIONS
1	The multifaceted roles of the invariant chain CD74 – More than just a chaperone. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 1269-1281.	4.1	162
2	Mechanism, specificity, and physiology of signal peptide peptidase (SPP) and SPP-like proteases. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 2828-2839.	2.6	112
3	The intramembrane protease SPPL2a promotes B cell development and controls endosomal traffic by cleavage of the invariant chain. <i>Journal of Experimental Medicine</i> , 2013, 210, 41-58.	8.5	100
4	Disruption of an antimycobacterial circuit between dendritic and helper T cells in human SPPL2a deficiency. <i>Nature Immunology</i> , 2018, 19, 973-985.	14.5	96
5	Shedding of glycan-modifying enzymes by signal peptide peptidase-like 3 (SPPL3) regulates cellular N-glycosylation. <i>EMBO Journal</i> , 2014, 33, 2890-2905.	7.8	81
6	Secretome Analysis Identifies Novel Signal Peptide Peptidase-Like 3 (SPPL3) Substrates and Reveals a Role of SPPL3 in Multiple Golgi Glycosylation Pathways*. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 1584-1598.	3.8	74
7	Molecular characterisation of –transmembrane protein 192™ (TMEM192), a novel protein of the lysosomal membrane. <i>Biological Chemistry</i> , 2010, 391, 695-704.	2.5	43
8	Signal-peptide-peptidase-like 2a (SPPL2a) is targeted to lysosomes/late endosomes by a tyrosine motif in its C-terminal tail. <i>FEBS Letters</i> , 2011, 585, 2951-2957.	2.8	39
9	Foamy Virus Envelope Protein Is a Substrate for Signal Peptide Peptidase-like 3 (SPPL3). <i>Journal of Biological Chemistry</i> , 2012, 287, 43401-43409.	3.4	38
10	Latest emerging functions of SPP/SPPL intramembrane proteases. <i>European Journal of Cell Biology</i> , 2017, 96, 372-382.	3.6	37
11	Atherogenic LOX-1 signaling is controlled by SPPL2-mediated intramembrane proteolysis. <i>Journal of Experimental Medicine</i> , 2019, 216, 807-830.	8.5	31
12	The Intramembrane Proteases Signal Peptide Peptidase-Like 2a and 2b Have Distinct Functions <i>In Vivo</i> . <i>Molecular and Cellular Biology</i> , 2014, 34, 1398-1411.	2.3	30
13	The intramembrane protease SPPL2c promotes male germ cell development by cleaving –phospholamban. <i>EMBO Reports</i> , 2019, 20, .	4.5	27
14	Physiological functions of SPP/SPPL intramembrane proteases. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 2959-2979.	5.4	26
15	Processing of CD74 by the Intramembrane Protease SPPL2a Is Critical for B Cell Receptor Signaling in Transitional B Cells. <i>Journal of Immunology</i> , 2015, 195, 1548-1563.	0.8	25
16	Substrate determinants of signal peptide peptidase-like 2a (SPPL2a)-mediated intramembrane proteolysis of the invariant chain CD74. <i>Biochemical Journal</i> , 2016, 473, 1405-1422.	3.7	24
17	Signal peptide peptidase and SPP-like proteases - Possible therapeutic targets?. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 2169-2182.	4.1	24
18	A Cell-Based Assay Reveals Nuclear Translocation of Intracellular Domains Released by SPPL Proteases. <i>Traffic</i> , 2015, 16, 871-892.	2.7	23

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19	Signal peptide peptidase-like 2c impairs vesicular transport and cleaves SNARE proteins. <i>EMBO Reports</i> , 2019, 20, .	4.5	22
20	Signal-peptide-peptidase-like 2a is required for CD74 intramembrane proteolysis in human B cells. <i>Biochemical and Biophysical Research Communications</i> , 2014, 451, 48-53.	2.1	19
21	Phagosomal signalling of the C-type lectin receptor Dectin-1 is terminated by intramembrane proteolysis. <i>Nature Communications</i> , 2022, 13, 1880.	12.8	17
22	The Intramembrane Protease SPPL2A Is Critical for Tooth Enamel Formation. <i>Journal of Bone and Mineral Research</i> , 2013, 28, 1622-1630.	2.8	15
23	Intramembrane proteolysis within lysosomes. <i>Ageing Research Reviews</i> , 2016, 32, 51-64.	10.9	14
24	Cathepsin S provokes interleukin-6 (IL-6) trans-signaling through cleavage of the IL-6 receptor in vitro. <i>Scientific Reports</i> , 2020, 10, 21612.	3.3	13
25	Proteolytic Regulation of the Lectin-Like Oxidized Lipoprotein Receptor LOX-1. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 594441.	2.4	13
26	The Influence of MHC Class II on B Cell Defects Induced by Invariant Chain/CD74 N-Terminal Fragments. <i>Journal of Immunology</i> , 2017, 199, 172-185.	0.8	11
27	Functional characterization of the lysosomal membrane protein TMEM192 in mice. <i>Oncotarget</i> , 2017, 8, 43635-43652.	1.8	8
28	Signal peptide peptidase-like 2 proteases: Regulatory switches or proteasome of the membrane?. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2022, 1869, 119163.	4.1	7
29	Deficiency of the Intramembrane Protease SPPL2a Alters Antimycobacterial Cytokine Responses of Dendritic Cells. <i>Journal of Immunology</i> , 2021, 206, 164-180.	0.8	5
30	Intramembrane proteases protect from atherosclerosis. <i>Aging</i> , 2019, 11, 8041-8043.	3.1	0