Stefan DÃ¼sterhÃ¶ft

List of Publications by Year
in descending order

29 papers	1,073 citations	567281 15 h-index	454955 30 g-index
31 all docs	31 docs citations	31 times ranked	1291 citing authors

#	Article	IF	Citations
1	ADAM17 Is an Essential Factor for the Infection of Bovine Cells with Pestiviruses. Viruses, 2022, 14, 381.	3.3	8
2	The collectrinâ€like part of the<scp>SARSâ€CoVâ€1 and â€2</scp>receptor<scp>ACE2</scp>is shed by the metalloproteinases<scp>ADAM10</scp>and<scp>ADAM17</scp>. FASEB Journal, 2022, 36, e22234.	0.5	12
3	Expression levels of the metalloproteinase ADAM8 critically regulate proliferation, migration and malignant signalling events in hepatoma cells. Journal of Cellular and Molecular Medicine, 2021, 25, 1982-1999.	3.6	9
4	Interleukinâ€11 (ILâ€11) receptor cleavage by the rhomboid protease RHBDL2 induces ILâ€11 transâ€signaling. FASEB Journal, 2021, 35, e21380.	0.5	20
5	The iRhom homology domain is indispensable for ADAM17-mediated TNFÎ± and EGF receptor ligand release. Cellular and Molecular Life Sciences, 2021, 78, 5015-5040.	5.4	8
6	Interleukin-6 controls recycling and degradation, but not internalization of its receptors. Journal of Biological Chemistry, 2021, 296, 100434.	3.4	11
7	The metalloproteinase ADAM10 requires its activity to sustain surface expression. Cellular and Molecular Life Sciences, 2021, 78, 715-732.	5.4	17
8	Inflammatory activation of surface molecule shedding by upregulation of the pseudoprotease iRhom2 in colon epithelial cells. Scientific Reports, 2021, 11, 24230.	3.3	8
9	The iRhom2/ADAM17 Axis Attenuates Bacterial Uptake by Phagocytes in a Cell Autonomous Manner. International Journal of Molecular Sciences, 2020, 21, 5978.	4.1	9
10	Cathepsin S provokes interleukin-6 (IL-6) trans-signaling through cleavage of the IL-6 receptor in vitro. Scientific Reports, 2020, 10, 21612.	3.3	13
11	Differential Induction of the ADAM17 Regulators iRhom1 and 2 in Endothelial Cells. Frontiers in Cardiovascular Medicine, 2020, 7, 610344.	2.4	16
12	Distance dependent shedding of IL-6R. Biochemical and Biophysical Research Communications, 2020, 526, 355-360.	2.1	2
13	<scp>ADAM</scp> 17â€triggered <scp>TNF</scp> signalling protects the ageing Drosophila retina from lipid dropletâ€mediated degeneration. EMBO Journal, 2020, 39, e104415.	7.8	25
14	Status update on iRhom and ADAM17: It's still complicated. Biochimica Et Biophysica Acta - Molecular Cell Research, 2019, 1866, 1567-1583.	4.1	39
15	The metalloprotease ADAM17 in inflammation and cancer. Pathology Research and Practice, 2019, 215, 152410.	2.3	76
16	Amphiregulin Regulates Phagocytosis-Induced Cell Death in Monocytes via EGFR and the Bcl-2 Protein Family. Mediators of Inflammation, 2019, 2019, 1-13.	3.0	7
17	The SNP rs4252548 (R112H) which is associated with reduced human height compromises the stability of IL-11. Biochimica Et Biophysica Acta - Molecular Cell Research, 2018, 1865, 496-506.	4.1	21
18	Rhomboid proteases in human disease: Mechanisms and future prospects. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 2200-2209.	4.1	56

#	Article	IF	Citations
19	<scp>GRP</scp>78 protects a disintegrin and metalloprotease 17 against proteinâ€disulfide isomerase A6 catalyzed inactivation. FEBS Letters, 2017, 591, 3567-3587.	2.8	9
20	Molecular insights into the multilayered regulation of ADAM17: The role of the extracellular region. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 2088-2095.	4.1	62
21	Proteolytic Origin of the Soluble Human IL-6R In Vivo and a Decisive Role of N-Glycosylation. PLoS Biology, 2017, 15, e2000080.	5.6	99
22	Control of ADAM17 activity by regulation of its cellular localisation. Scientific Reports, 2016, 6, 35067.	3.3	75
23	Cleavage Site Localization Differentially Controls Interleukin-6 Receptor Proteolysis by ADAM10 and ADAM17. Scientific Reports, 2016, 6, 25550.	3.3	72
24	Phosphatidylserine exposure is required for ADAM17 sheddase function. Nature Communications, 2016, 7, 11523.	12.8	134
25	Secreted Frizzled-related protein 3 (sFRP3)-mediated suppression of interleukin-6 receptor release by A disintegrin and metalloprotease 17 (ADAM17) is abrogated in the osteoarthritis-associated rare double variant of sFRP3. Biochemical Journal, 2015, 468, 507-518.	3.7	13
26	Extracellular Juxtamembrane Segment of ADAM17 Interacts with Membranes and Is Essential for Its Shedding Activity. Biochemistry, 2015, 54, 5791-5801.	2.5	48
27	A Disintegrin and Metalloprotease 17 Dynamic Interaction Sequence, the Sweet Tooth for the Human Interleukin 6 Receptor. Journal of Biological Chemistry, 2014, 289, 16336-16348.	3.4	60
28	Membrane-Proximal Domain of a Disintegrin and Metalloprotease-17 Represents the Putative Molecular Switch of Its Shedding Activity Operated by Protein-disulfide Isomerase. Journal of the American Chemical Society, 2013, 135, 5776-5781.	13.7	75
29	The membraneâ€proximal domain of A Disintegrin and Metalloprotease 17 (ADAM17) is responsible for recognition of the interleukinâ€6 receptor and interleukinâ€1 receptor II. FEBS Letters, 2012, 586, 1093-1100.	2.8	63