

# AndrÃ© SchÃ¼tte

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11385409/publications.pdf>

Version: 2024-02-01

16  
papers

3,318  
citations

567281

15  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

5071  
citing authors

#	ARTICLE	IF	CITATIONS
1	The mucus and mucins of the goblet cells and enterocytes provide the first defense line of the gastrointestinal tract and interact with the immune system. <i>Immunological Reviews</i> , 2014, 260, 8-20.	6.0	895
2	The composition of the gut microbiota shapes the colon mucus barrier. <i>EMBO Reports</i> , 2015, 16, 164-177.	4.5	519
3	Composition and functional role of the mucus layers in the intestine. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 3635-3641.	5.4	404
4	Normalization of Host Intestinal Mucus Layers Requires Long-Term Microbial Colonization. <i>Cell Host and Microbe</i> , 2015, 18, 582-592.	11.0	368
5	Studies of mucus in mouse stomach, small intestine, and colon. I. Gastrointestinal mucus layers have different properties depending on location as well as over the Peyer's patches. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 305, G341-G347.	3.4	275
6	An ex vivo method for studying mucus formation, properties, and thickness in human colonic biopsies and mouse small and large intestinal explants. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 302, G430-G438.	3.4	181
7	Microbial-induced meprin $\hat{1}^2$ cleavage in MUC2 mucin and a functional CFTR channel are required to release anchored small intestinal mucus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 12396-12401.	7.1	159
8	Studies of mucus in mouse stomach, small intestine, and colon. II. Gastrointestinal mucus proteome reveals Muc2 and Muc5ac accompanied by a set of core proteins. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 305, G348-G356.	3.4	114
9	Proteomic Analyses Reveal an Acidic Prime Side Specificity for the Astacin Metalloprotease Family Reflected by Physiological Substrates. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M111.009233.	3.8	113
10	Gram-positive bacteria are held at a distance in the colon mucus by the lectin-like protein ZG16. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 13833-13838.	7.1	113
11	Let It Flow: Morpholino Knockdown in Zebrafish Embryos Reveals a Pro-Angiogenic Effect of the Metalloprotease Meprin $\hat{1}\pm 2$ . <i>PLoS ONE</i> , 2010, 5, e8835.	2.5	42
12	Protein Turnover in Epithelial Cells and Mucus along the Gastrointestinal Tract Is Coordinated by the Spatial Location and Microbiota. <i>Cell Reports</i> , 2020, 30, 1077-1087.e3.	6.4	41
13	News from an Ancient World: Two Novel Astacin Metalloproteases from the Horseshoe Crab. <i>Journal of Molecular Biology</i> , 2009, 385, 236-248.	4.2	31
14	Differential <i>In Vitro</i> and <i>In Vivo</i> Toxicities of Antimicrobial Peptide Prodrugs for Potential Use in Cystic Fibrosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 2813-2821.	3.2	30
15	Two $\hat{1}\pm$ subunits and one $\hat{1}^2$ subunit of meprin zinc-endopeptidases are differentially expressed in the zebrafish <i>Danio rerio</i> . <i>Biological Chemistry</i> , 2007, 388, 523-31.	2.5	19
16	Effects of cathepsin K deficiency on intercellular junction proteins, luminal mucus layers, and extracellular matrix constituents in the mouse colon. <i>Biological Chemistry</i> , 2012, 393, 1391-1403.	2.5	14