Silke Haerteis

List of Publications by Year
in descending order

30 papers	703 citations	759233 12 h-index	552781 26 g-index
30 all docs	30 docs citations	30 times ranked	732 citing authors

#	Article	IF	Citations
1	Experimental Models of SARS-CoV-2 Infection: Possible Platforms to Study COVID-19 Pathogenesis and Potential Treatments. Annual Review of Pharmacology and Toxicology, 2022, 62, 25-53.	9.4	20
2	Intranasal application of stem cells and their derivatives as a new hope in the treatment of cerebral hypoxia/ischemia: a review. Reviews in the Neurosciences, 2022, 33, 583-606.	2.9	9
3	The 3D in vivo chorioallantoic membrane model and its role in breast cancer research. Journal of Cancer Research and Clinical Oncology, 2022, , 1.	2.5	2
4	Proteolytic activation of the epithelial sodium channel (ENaC) by factor VII activating protease (FSAP) and its relevance for sodium retention in nephrotic mice. Pflugers Archiv European Journal of Physiology, 2022, 474, 217-229.	2.8	17
5	The Role of Citrate Homeostasis in Merkel Cell Carcinoma Pathogenesis. Cancers, 2022, 14, 3425.	3.7	4
6	Laser speckle contrast analysis (LASCA) technology for the semiquantitative measurement of angiogenesis in in-ovo-tumor-model. Microvascular Research, 2021, 133, 104072.	2.5	19
7	Cancer-associated cells release citrate to support tumour metastatic progression. Life Science Alliance, 2021, 4, e202000903.	2.8	21
8	Assessment of breast cancer primary tumor material in a 3D in vivo model. Clinical Hemorheology and Microcirculation, 2021, 79, 1-10.	1.7	6
9	A polycystin-2 protein with modified channel properties leads to an increased diameter of renal tubules and to renal cysts. Journal of Cell Science, 2021, 134, .	2.0	2
10	Indocyanine Green for Leakage Control in Isolated Limb Perfusion. Journal of Personalized Medicine, 2021, 11, 1152.	2.5	2
11	Rebuttal to editorial: Sodium retention by uPA in nephrotic syndrome?. Acta Physiologica, 2020, 228, e13427.	3.8	3
12	pH sensing in skin tumors: Methods to study the involvement of GPCRs, acidâ€sensing ion channels and transient receptor potential vanilloid channels. Experimental Dermatology, 2020, 29, 1055-1061.	2.9	4
13	Histological and SEM Assessment of Blood Stasis in Kidney Blood Vessels after Repeated Intra-Arterial Application of Radiographic Contrast Media. Life, 2020, 10, 167.	2.4	3
14	Extended analysis of intratumoral heterogeneity of primary osteosarcoma tissue using 3D-in-vivo-tumor-model. Clinical Hemorheology and Microcirculation, 2020, 76, 133-141.	1.7	14
15	3D monitoring of tumor volume in an in vivo model. Clinical Hemorheology and Microcirculation, 2020, 76, 123-131.	1.7	9
16	Enhanced Resorption of Liposomal Packed Vitamin C Monitored by Ultrasound. Journal of Clinical Medicine, 2020, 9, 1616.	2.4	9
17	Ion channels in sarcoma: pathophysiology and treatment options. Pflugers Archiv European Journal of Physiology, 2019, 471, 1163-1171.	2.8	10
18	Subcellular localization of the chemotherapeutic agent doxorubicin in renal epithelial cells and in tumor cells using correlative light and electron microscopy. Clinical Hemorheology and Microcirculation, 2019, 73, 157-167.	1.7	6

#	Article	IF	Citations
19	Urokinaseâ€type plasminogen activator (uPA) is not essential for epithelial sodium channel (ENaC)â€mediated sodium retention in experimental nephrotic syndrome. Acta Physiologica, 2019, 227, e13286.	3.8	36
20	Bile acids inhibit human purinergic receptor P2X4 in a heterologous expression system. Journal of General Physiology, 2019, 151, 820-833.	1.9	9
21	The degenerin region of the human bile acid-sensitive ion channel (BASIC) is involved in channel inhibition by calcium and activation by bile acids. Pflugers Archiv European Journal of Physiology, 2018, 470, 1087-1102.	2.8	8
22	Bile acids potentiate protonâ€activated currents in <i>Xenopus laevis</i> oocytes expressing human acidâ€sensing ion channel (<scp>ASIC</scp>1a). Physiological Reports, 2017, 5, e13132.	1.7	11
23	Activation of the Human Epithelial Sodium Channel (ENaC) by Bile Acids Involves the Degenerin Site. Journal of Biological Chemistry, 2016, 291, 19835-19847.	3.4	23
24	Proteolytic Activation of the Human Epithelial Sodium Channel by Trypsin IV and Trypsin I Involves Distinct Cleavage Sites. Journal of Biological Chemistry, 2014, 289, 19067-19078.	3.4	31
25	Pharmacological and electrophysiological characterization of the human bile acid-sensitive ion channel (hBASIC). Pflugers Archiv European Journal of Physiology, 2014, 466, 253-263.	2.8	23
26	Demonstration of Proteolytic Activation of the Epithelial Sodium Channel (ENaC) by Combining Current Measurements with Detection of Cleavage Fragments. Journal of Visualized Experiments, 2014, , .	0.3	4
27	Plasmin and chymotrypsin have distinct preferences for channel activating cleavage sites in the Î³ subunit of the human epithelial sodium channel. Journal of General Physiology, 2012, 140, 375-389.	1.9	41
28	Proteolytic activation of the epithelial sodium channel (ENaC) by the cysteine protease cathepsin-S. Pflugers Archiv European Journal of Physiology, 2012, 464, 353-365.	2.8	54
29	The Î´-Subunit of the Epithelial Sodium Channel (ENaC) Enhances Channel Activity and Alters Proteolytic ENaC Activation. Journal of Biological Chemistry, 2009, 284, 29024-29040.	3.4	67
30	Plasmin in Nephrotic Urine Activates the Epithelial Sodium Channel. Journal of the American Society of Nephrology: JASN, 2009, 20, 299-310.	6.1	236