

Helle A Praetorius

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

2,548
citations

236833

25
h-index

189801

50
g-index

63
all docs

63
docs citations

63
times ranked

2780
citing authors

#	ARTICLE	IF	CITATIONS
1	EP ₁ receptor antagonism mitigates early and late stage renal fibrosis. <i>Acta Physiologica</i> , 2022, 234, e13780.	1.8	6
2	Acute pyelonephritis: Increased plasma membrane targeting of renal aquaporin ² . <i>Acta Physiologica</i> , 2022, 234, e13760.	1.8	7
3	Meeting Preview: Europhysiology 2022 Let [™] s meet for real. , 2022, , 38.		1
4	Europhysiology 2022: Let [™] s meet for real. <i>Acta Physiologica</i> , 2022, 235, e13825.	1.8	0
5	The bacteria and the host: a story of purinergic signaling in urinary tract infections. <i>American Journal of Physiology - Cell Physiology</i> , 2021, 321, C134-C146.	2.1	4
6	Prevention of P2 Receptor-Dependent Thrombocyte Activation by Pore-Forming Bacterial Toxins Improves Outcome in A Murine Model of Urosepsis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5652.	1.8	4
7	How Does Aldosterone Work in the ² -Intercalated Cell?. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 451-452.	3.0	0
8	Renal Autocrine and Paracrine Signaling: A Story of Self-protection. <i>Physiological Reviews</i> , 2020, 100, 1229-1289.	13.1	20
9	P2X1 receptor blockers reduce the number of circulating thrombocytes and the overall survival of urosepsis with haemolysin-producing <i>Escherichia coli</i> . <i>Purinergic Signalling</i> , 2019, 15, 265-276.	1.1	7
10	Lack of P2X7 Receptors Protects against Renal Fibrosis after Pyelonephritis with [±] -Haemolysin [±] -Producing <i>Escherichia coli</i> . <i>American Journal of Pathology</i> , 2019, 189, 1201-1211.	1.9	11
11	[±] -Haemolysin production, as a single factor, causes fulminant sepsis in a model of <i>Escherichia coli</i> -induced bacteraemia. <i>Cellular Microbiology</i> , 2019, 21, e13017.	1.1	13
12	Comment on [±] - <i>Aggregatibacter actinomycetemcomitans</i> -induced hypercitrullination links periodontal infection to autoimmunity in rheumatoid arthritis. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	24
13	Erythrocyte P2X1 receptor expression is correlated with change in haematocrit in patients admitted to the ICU with blood pathogen-positive sepsis. <i>Critical Care</i> , 2018, 22, 181.	2.5	9
14	Loop Diuretics Diminish Hemolysis Induced by [±] -Haemolysin from <i>Escherichia coli</i> . <i>Journal of Membrane Biology</i> , 2017, 250, 301-313.	1.0	5
15	Inhibition of the sarco/endoplasmic reticulum (ER) Ca ²⁺ -ATPase by thapsigargin analogs induces cell death via ER Ca ²⁺ depletion and the unfolded protein response. <i>Journal of Biological Chemistry</i> , 2017, 292, 19656-19673.	1.6	147
16	P2X Receptors Inhibit NaCl Absorption in mTAL Independently of Nitric Oxide. <i>Frontiers in Physiology</i> , 2017, 8, 18.	1.3	6
17	P2X1, P2X4, and P2X7 Receptor Knock Out Mice Expose Differential Outcome of Sepsis Induced by [±] -Haemolysin Producing <i>Escherichia coli</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 113.	1.8	39
18	Intact colonic ^C _K ^a 1.1 channel activity in ^{KCNMB} ₂ knockout mice. <i>Physiological Reports</i> , 2017, 5, e13179.	0.7	3

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19	Inhibition of P2X Receptors Protects Human Monocytes against Damage by Leukotoxin from <i>Aggregatibacter actinomycetemcomitans</i> and $\hat{\pm}$ -Hemolysin from <i>Escherichia coli</i> . <i>Infection and Immunity</i> , 2016, 84, 3114-3130.	1.0	22
20	Hyperaldosteronism after decreased renal K^{+} excretion in KCNMB2 knockout mice. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 310, F1035-F1046.	1.3	13
21	Being dedicated. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 309, F835-F835.	1.3	0
22	Sorting out the paracrine kidney. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 308, F1074-F1075.	1.3	0
23	[Ca ²⁺] Oscillations and IL-6 Release Induced by $\hat{\pm}$ -Hemolysin from <i>Escherichia coli</i> Require P2 Receptor Activation in Renal Epithelia. <i>Journal of Biological Chemistry</i> , 2015, 290, 14776-14784.	1.6	13
24	Furosemide-induced urinary acidification is caused by pronounced H^{+} secretion in the thick ascending limb. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 309, F146-F153.	1.3	38
25	The primary cilium as sensor of fluid flow: new building blocks to the model. A Review in the Theme: Cell Signaling: Proteins, Pathways and Mechanisms. <i>American Journal of Physiology - Cell Physiology</i> , 2015, 308, C198-C208.	2.1	70
26	Bacterial RTX Toxins Allow Acute ATP Release from Human Erythrocytes Directly through the Toxin Pore. <i>Journal of Biological Chemistry</i> , 2014, 289, 19098-19109.	1.6	54
27	Sialic Acid Residues Are Essential for Cell Lysis Mediated by Leukotoxin from <i>Aggregatibacter actinomycetemcomitans</i> . <i>Infection and Immunity</i> , 2014, 82, 2219-2228.	1.0	18
28	Primary cilium-dependent sensing of urinary flow and paracrine purinergic signaling. <i>Seminars in Cell and Developmental Biology</i> , 2013, 24, 3-10.	2.3	33
29	P2X Receptor-Dependent Erythrocyte Damage by $\hat{\pm}$ -Hemolysin from <i>Escherichia coli</i> Triggers Phagocytosis by THP-1 Cells. <i>Toxins</i> , 2013, 5, 472-487.	1.5	16
30	P2Y2 receptor knock-out mice display normal NaCl absorption in medullary thick ascending limb. <i>Frontiers in Physiology</i> , 2013, 4, 280.	1.3	8
31	Renal epithelial cells can release ATP by vesicular fusion. <i>Frontiers in Physiology</i> , 2013, 4, 238.	1.3	24
32	Basolateral P2X receptors mediate inhibition of NaCl transport in mouse medullary thick ascending limb (mTAL). <i>American Journal of Physiology - Renal Physiology</i> , 2012, 302, F487-F494.	1.3	30
33	17 $\hat{\beta}$ -Estradiol induces nongenomic effects in renal intercalated cells through G protein-coupled estrogen receptor 1. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 302, F358-F368.	1.3	44
34	Assessment of the Effect of 24-Hour Aldosterone Administration on Protein Abundance in Fluorescence-Sorted Mouse Distal Renal Tubules by Mass Spectrometry. <i>Nephron Physiology</i> , 2012, 121, p9-p15.	1.5	7
35	Leukotoxin from <i>Aggregatibacter actinomycetemcomitans</i> causes shrinkage and P2X receptor-dependent lysis of human erythrocytes. <i>Cellular Microbiology</i> , 2012, 14, 1904-1920.	1.1	42
36	The secretory KCa1.1 channel localises to crypts of distal mouse colon: functional and molecular evidence. <i>Pflügers Archiv European Journal of Physiology</i> , 2011, 462, 745-752.	1.3	19

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37	Haemolysis induced by α -toxin from <i>Staphylococcus aureus</i> requires P2X receptor activation. <i>Pflügers Archiv European Journal of Physiology</i> , 2011, 462, 669-679.	1.3	47
38	Agonists that Increase $[Ca^{2+}]_i$ Halt the Movement of Acidic Cytoplasmic Vesicles in MDCK Cells. <i>Journal of Membrane Biology</i> , 2011, 244, 43-53.	1.0	2
39	Python Erythrocytes Are Resistant to α -Hemolysin from <i>Escherichia coli</i> . <i>Journal of Membrane Biology</i> , 2011, 244, 131-140.	1.0	23
40	Vasopressin-independent targeting of aquaporin-2 by selective E-prostanoid receptor agonists alleviates nephrogenic diabetes insipidus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 12949-12954.	3.3	113
41	Isolation of single cells from murine late distal convoluted tubules and connecting tubules. <i>FASEB Journal</i> , 2011, 25, 863.7.	0.2	0
42	Characterizing the pathway for nucleotide release in a renal epithelial cell line. <i>FASEB Journal</i> , 2011, 25, 1041.12.	0.2	0
43	Colonic potassium handling. <i>Pflügers Archiv European Journal of Physiology</i> , 2010, 459, 645-656.	1.3	88
44	Adrenaline-induced colonic K^+ secretion is mediated by $KCa1.1$ (BK) channels. <i>Journal of Physiology</i> , 2010, 588, 1763-1777.	1.3	34
45	<i>Escherichia coli</i> α -Hemolysin Triggers Shrinkage of Erythrocytes via $KCa3.1$ and $TMEM16A$ Channels with Subsequent Phosphatidylserine Exposure. <i>Journal of Biological Chemistry</i> , 2010, 285, 15557-15565.	1.6	53
46	Intrarenal Purinergic Signaling in the Control of Renal Tubular Transport. <i>Annual Review of Physiology</i> , 2010, 72, 377-393.	5.6	111
47	Vasopressin independent trafficking of aquaporin α 2 by prostaglandin E2. <i>FASEB Journal</i> , 2010, 24, 610.3.	0.2	0
48	α -Hemolysin from <i>Escherichia coli</i> uses endogenous amplification through P2X receptor activation to induce hemolysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 4030-4035.	3.3	113
49	AVP-stimulated nucleotide secretion in perfused mouse medullary thick ascending limb and cortical collecting duct. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 297, F341-F349.	1.3	29
50	ATP release from non-excitabile cells. <i>Purinergic Signalling</i> , 2009, 5, 433-446.	1.1	202
51	Measuring Cilium-Induced Ca^{2+} Increases in Cultured Renal Epithelia. <i>Methods in Cell Biology</i> , 2009, 91, 299-313.	0.5	1
52	The adrenaline-induced colonic K^+ secretion is conducted by the ZERO splice variant of $KCa1.1$ (BK). <i>FASEB Journal</i> , 2009, 23, 796.21.	0.2	1
53	Fluid flow sensing and triggered nucleotide release in epithelia. <i>Journal of Physiology</i> , 2008, 586, 2669-2669.	1.3	16
54	Aldosterone increases $KCa1.1$ (BK) channel-mediated colonic K^+ secretion. <i>Journal of Physiology</i> , 2008, 586, 4251-4264.	1.3	74

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55	Flow-Induced $[Ca^{2+}]_i$ Increase Depends on Nucleotide Release and Subsequent Purinergic Signaling in the Intact Nephron. <i>Journal of the American Society of Nephrology: JASN</i> , 2007, 18, 2062-2070.	3.0	108
56	Interaction Between $Na^+ / K^+ - Pump$ and $Na^+ / Ca^{2+} - Exchanger$ Modulates Intercellular Communication. <i>Circulation Research</i> , 2007, 100, 1026-1035.	2.0	52
57	Effects of extracellular HCO_3^- on fatigue, pH_i , and K^+ efflux in rat skeletal muscles. <i>Journal of Applied Physiology</i> , 2007, 103, 494-503.	1.2	19
58	Aldosterone up-regulates $K^{Ca} 1.1$ (BK) channel-mediated colonic K^+ secretion. <i>FASEB Journal</i> , 2007, 21, .	0.2	0
59	Spontaneous $[Ca^{2+}]_i$ oscillations reflect nucleotide release from cultured and intact renal epithelia. <i>FASEB Journal</i> , 2007, 21, A1327.	0.2	1
60	Angiotensin II mediates downregulation of aquaporin water channels and key renal sodium transporters in response to urinary tract obstruction. <i>American Journal of Physiology - Renal Physiology</i> , 2006, 291, F1021-F1032.	1.3	65
61	A PHYSIOLOGICAL VIEW OF THE PRIMARY CILIUM. <i>Annual Review of Physiology</i> , 2005, 67, 515-529.	5.6	258
62	The renal cell primary cilium functions as a flow sensor. <i>Current Opinion in Nephrology and Hypertension</i> , 2003, 12, 517-520.	1.0	236
63	Low Chloride Stimulation of Prostaglandin E ₂ Release and Cyclooxygenase-2 Expression in a Mouse Macula Densa Cell Line. <i>Journal of Biological Chemistry</i> , 2000, 275, 37922-37929.	1.6	145