# Helle A Praetorius

List of Publications by Year
in descending order



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|---|---|---|---|
| 63 papers | 2,548 citations | 236925 25 h-index | 189892 50 g-index |
| 63 all docs | 63 docs citations | 63 times ranked | 2780 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | EP<sub>1</sub> receptor antagonism mitigates early and late stage renal fibrosis. Acta Physiologica, 2022, 234, e13780. | 3.8 | 6 |
| 2 | Acute pyelonephritis: Increased plasma membrane targeting of renal aquaporinâ€2. Acta Physiologica, 2022, 234, e13760. | 3.8 | 7 |
| 3 | Meeting Preview: Europhysiology 2022 Letâ€™s meet for real. , 2022, , 38. | | 1 |
| 4 | Europhysiology 2022: Letâ€™s meet for real. Acta Physiologica, 2022, 235, e13825. | 3.8 | 0 |
| 5 | The bacteria and the host: a story of purinergic signaling in urinary tract infections. American Journal of Physiology - Cell Physiology, 2021, 321, C134-C146. | 4.6 | 4 |
| 6 | Prevention of P2 Receptor-Dependent Thrombocyte Activation by Pore-Forming Bacterial Toxins Improves Outcome in A Murine Model of Urosepsis. International Journal of Molecular Sciences, 2020, 21, 5652. | 4.1 | 4 |
| 7 | How Does Aldosterone Work in theÎ²-Intercalated Cell?. Journal of the American Society of Nephrology: JASN, 2020, 31, 451-452. | 6.1 | 0 |
| 8 | Renal Autocrine and Paracrine Signaling: A Story of Self-protection. Physiological Reviews, 2020, 100, 1229-1289. | 28.8 | 20 |
| 9 | P2X1 receptor blockers reduce the number of circulating thrombocytes and the overall survival of urosepsis with haemolysin-producing Escherichia coli. Purinergic Signalling, 2019, 15, 265-276. | 2.2 | 7 |
| 10 | Lack of P2X7 Receptors Protects against Renal Fibrosis after Pyelonephritis with Î±-Hemolysinâ€“Producing Escherichia coli. American Journal of Pathology, 2019, 189, 1201-1211. | 3.8 | 11 |
| 11 | Î±â€Haemolysin production, as a single factor, causes fulminant sepsis in a model of<scp><i>Escherichia coli</i></scp>â€induced bacteraemia. Cellular Microbiology, 2019, 21, e13017. | 2.1 | 13 |
| 12 | Comment on â€œ <i>Aggregatibacter actinomycetemcomitans</i> â€“induced hypercitrullination links periodontal infection to autoimmunity in rheumatoid arthritisâ€. Science Translational Medicine, 2018, 10, . | 12.4 | 24 |
| 13 | Erythrocyte P2X1 receptor expression is correlated with change in haematocrit in patients admitted to the ICU with blood pathogen-positive sepsis. Critical Care, 2018, 22, 181. | 5.8 | 9 |
| 14 | Loop Diuretics Diminish Hemolysis Induced by Î±-Hemolysin from Escherichia coli. Journal of Membrane Biology, 2017, 250, 301-313. | 2.1 | 5 |
| 15 | Inhibition of the sarco/endoplasmic reticulum (ER) Ca2+-ATPase by thapsigargin analogs induces cell death via ER Ca2+ depletion and the unfolded protein response. Journal of Biological Chemistry, 2017, 292, 19656-19673. | 3.4 | 147 |
| 16 | P2X Receptors Inhibit NaCl Absorption in mTAL Independently of Nitric Oxide. Frontiers in Physiology, 2017, 8, 18. | 2.8 | 6 |
| 17 | P2X1, P2X4, and P2X7 Receptor Knock Out Mice Expose Differential Outcome of Sepsis Induced by Î±-Haemolysin Producing Escherichia coli. Frontiers in Cellular and Infection Microbiology, 2017, 7, 113. | 3.9 | 39 |
| 18 | Intact colonic <scp>K<sub>C</sub></scp><sub>a</sub>1.1 channel activity in <scp>KCNMB</scp>2 knockout mice. Physiological Reports, 2017, 5, e13179. | 1.7 | 3 |

| # | ARTICLE | IF | CITATIONS |
|---|---|---|---|
| 19 | Inhibition of P2X Receptors Protects Human Monocytes against Damage by Leukotoxin from Aggregatibacter actinomycetemcomitans and Î±-Hemolysin from Escherichia coli. Infection and Immunity, 2016, 84, 3114-3130. | 2.2 | 22 |
| 20 | Hyperaldosteronism after decreased renal K<sup>+</sup>excretion in KCNMB2 knockout mice. American Journal of Physiology - Renal Physiology, 2016, 310, F1035-F1046. | 2.7 | 13 |
| 21 | Being dedicated. American Journal of Physiology - Renal Physiology, 2015, 309, F835-F835. | 2.7 | 0 |
| 22 | Sorting out the paracrine kidney. American Journal of Physiology - Renal Physiology, 2015, 308, F1074-F1075. | 2.7 | 0 |
| 23 | [Ca2+] Oscillations and IL-6 Release Induced by Î±-Hemolysin from Escherichia coli Require P2 Receptor Activation in Renal Epithelia. Journal of Biological Chemistry, 2015, 290, 14776-14784. | 3.4 | 13 |
| 24 | Furosemide-induced urinary acidification is caused by pronounced H<sup>+</sup> secretion in the thick ascending limb. American Journal of Physiology - Renal Physiology, 2015, 309, F146-F153. | 2.7 | 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. American Journal of Physiology - Cell Physiology, 2015, 308, C198-C208. | 4.6 | 70 |
| 26 | Bacterial RTX Toxins Allow Acute ATP Release from Human Erythrocytes Directly through the Toxin Pore. Journal of Biological Chemistry, 2014, 289, 19098-19109. | 3.4 | 54 |
| 27 | Sialic Acid Residues Are Essential for Cell Lysis Mediated by Leukotoxin from Aggregatibacter actinomycetemcomitans. Infection and Immunity, 2014, 82, 2219-2228. | 2.2 | 18 |
| 28 | Primary cilium-dependent sensing of urinary flow and paracrine purinergic signaling. Seminars in Cell and Developmental Biology, 2013, 24, 3-10. | 5.0 | 33 |
| 29 | P2X Receptor-Dependent Erythrocyte Damage by Î±-Hemolysin from Escherichia coli Triggers Phagocytosis by THP-1 Cells. Toxins, 2013, 5, 472-487. | 3.4 | 16 |
| 30 | P2Y2 receptor knock-out mice display normal NaCl absorption in medullary thick ascending limb. Frontiers in Physiology, 2013, 4, 280. | 2.8 | 8 |
| 31 | Renal epithelial cells can release ATP by vesicular fusion. Frontiers in Physiology, 2013, 4, 238. | 2.8 | 24 |
| 32 | Basolateral P2X receptors mediate inhibition of NaCl transport in mouse medullary thick ascending limb (mTAL). American Journal of Physiology - Renal Physiology, 2012, 302, F487-F494. | 2.7 | 30 |
| 33 | 17Î²-Estradiol induces nongenomic effects in renal intercalated cells through G protein-coupled estrogen receptor 1. American Journal of Physiology - Renal Physiology, 2012, 302, F358-F368. | 2.7 | 44 |
| 34 | Assessment of the Effect of 24-Hour Aldosterone Administration on Protein Abundance in Fluorescence-Sorted Mouse Distal Renal Tubules by Mass Spectrometry. Nephron Physiology, 2012, 121, p9-p15. | 1.2 | 7 |
| 35 | Leukotoxin from<i>Aggregatibacter actinomycetemcomitans</i>causes shrinkage and P2X receptor-dependent lysis of human erythrocytes. Cellular Microbiology, 2012, 14, 1904-1920. | 2.1 | 42 |
| 36 | The secretory KCa1.1 channel localises to crypts of distal mouse colon: functional and molecular evidence. Pflugers Archiv European Journal of Physiology, 2011, 462, 745-752. | 2.8 | 19 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Haemolysis induced by Î±-toxin from Staphylococcus aureus requires P2X receptor activation. Pflugers Archiv European Journal of Physiology, 2011, 462, 669-679. | 2.8 | 47 |
| 38 | Agonists that Increase [Ca2+]i Halt the Movement of Acidic Cytoplasmic Vesicles in MDCK Cells. Journal of Membrane Biology, 2011, 244, 43-53. | 2.1 | 2 |
| 39 | Python Erythrocytes Are Resistant to Î±-Hemolysin from Escherichia coli. Journal of Membrane Biology, 2011, 244, 131-140. | 2.1 | 23 |
| 40 | Vasopressin-independent targeting of aquaporin-2 by selective E-prostanoid receptor agonists alleviates nephrogenic diabetes insipidus. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 12949-12954. | 7.1 | 113 |
| 41 | Isolation of single cells from murine late distal convoluted tubules and connecting tubules. FASEB Journal, 2011, 25, 863.7. | 0.5 | 0 |
| 42 | Characterizing the pathway for nucleotide release in a renal epithelial cell line. FASEB Journal, 2011, 25, 1041.12. | 0.5 | 0 |
| 43 | Colonic potassium handling. Pflugers Archiv European Journal of Physiology, 2010, 459, 645-656. | 2.8 | 88 |
| 44 | Adrenaline-induced colonic K+secretion is mediated by KCa1.1 (BK) channels. Journal of Physiology, 2010, 588, 1763-1777. | 2.9 | 34 |
| 45 | Escherichia coli Î±-Hemolysin Triggers Shrinkage of Erythrocytes via KCa3.1 and TMEM16A Channels with Subsequent Phosphatidylserine Exposure. Journal of Biological Chemistry, 2010, 285, 15557-15565. | 3.4 | 53 |
| 46 | Intrarenal Purinergic Signaling in the Control of Renal Tubular Transport. Annual Review of Physiology, 2010, 72, 377-393. | 13.1 | 111 |
| 47 | Vasopressin independent trafficking of aquaporinâ€2 by prostaglandin E2. FASEB Journal, 2010, 24, 610.3. | 0.5 | 0 |
| 48 | Î±-Hemolysin from <i>Escherichia coli</i> uses endogenous amplification through P2X receptor activation to induce hemolysis. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 4030-4035. | 7.1 | 113 |
| 49 | AVP-stimulated nucleotide secretion in perfused mouse medullary thick ascending limb and cortical collecting duct. American Journal of Physiology - Renal Physiology, 2009, 297, F341-F349. | 2.7 | 29 |
| 50 | ATP release from non-excitable cells. Purinergic Signalling, 2009, 5, 433-446. | 2.2 | 202 |
| 51 | Measuring Cilium-Induced Ca2+ Increases in Cultured Renal Epithelia. Methods in Cell Biology, 2009, 91, 299-313. | 1.1 | 1 |
| 52 | The adrenalineâ€induced colonic K + secretion is conducted by the ZERO splice variant of K Ca 1.1 (BK). FASEB Journal, 2009, 23, 796.21. | 0.5 | 1 |
| 53 | Fluid flow sensing and triggered nucleotide release in epithelia. Journal of Physiology, 2008, 586, 2669-2669. | 2.9 | 16 |
| 54 | Aldosterone increases K<sub>Ca</sub>1.1 (BK) channelâ€mediated colonic K<sup>+</sup> secretion. Journal of Physiology, 2008, 586, 4251-4264. | 2.9 | 74 |

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|---|---|---|---|
| 55 | Flow-Induced [Ca2+]i Increase Depends on Nucleotide Release and Subsequent Purinergic Signaling in the Intact Nephron. Journal of the American Society of Nephrology: JASN, 2007, 18, 2062-2070. | 6.1 | 108 |
| 56 | Interaction Between Na + /K + -Pump and Na + /Ca 2+ -Exchanger Modulates Intercellular Communication. Circulation Research, 2007, 100, 1026-1035. | 4.5 | 52 |
| 57 | Effects of extracellular HCO3âˆ’ on fatigue, pHi, and K+ efflux in rat skeletal muscles. Journal of Applied Physiology, 2007, 103, 494-503. | 2.5 | 19 |
| 58 | Aldosterone upâ€•regulates K <sub>Ca</sub> 1.1 (BK) channelâ€•mediated colonic K <sup>+</sup> secretion. FASEB Journal, 2007, 21, . | 0.5 | 0 |
| 59 | Spontaneous [Ca 2+ ] i oscillations reflect nucleotide release from cultured and intact renal epithelia. FASEB Journal, 2007, 21, A1327. | 0.5 | 1 |
| 60 | Angiotensin II mediates downregulation of aquaporin water channels and key renal sodium transporters in response to urinary tract obstruction. American Journal of Physiology - Renal Physiology, 2006, 291, F1021-F1032. | 2.7 | 65 |
| 61 | A PHYSIOLOGICAL VIEW OF THE PRIMARY CILIUM. Annual Review of Physiology, 2005, 67, 515-529. | 13.1 | 258 |
| 62 | The renal cell primary cilium functions as a flow sensor. Current Opinion in Nephrology and Hypertension, 2003, 12, 517-520. | 2.0 | 236 |
| 63 | Low Chloride Stimulation of Prostaglandin E2Release and Cyclooxygenase-2 Expression in a Mouse Macula Densa Cell Line. Journal of Biological Chemistry, 2000, 275, 37922-37929. | 3.4 | 145 |