

Michael B Butterworth

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

1,700
citations

331670

21
h-index

345221

36
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42
all docs

42
docs citations

42
times ranked

1646
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Histone deacetylase inhibitors (HDACi) increase expression of KCa2.3 (SK3) in primary microvascular endothelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2022, 322, C338-C353. | 4.6 | 2 |
| 2 | Non-coding RNAs and the mineralocorticoid receptor in the kidney. <i>Molecular and Cellular Endocrinology</i> , 2021, 521, 111115. | 3.2 | 7 |
| 3 | MicroRNA Regulation of Channels and Transporters. <i>Physiology in Health and Disease</i> , 2020, , 543-563. | 0.3 | 0 |
| 4 | Loss of miR-17~92 results in dysregulation of Cfr in nephron progenitors. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 316, F993-F1005. | 2.7 | 10 |
| 5 | Regulation of Aldosterone Signaling by MicroRNAs. <i>Vitamins and Hormones</i> , 2019, 109, 69-103. | 1.7 | 9 |
| 6 | The Lhx1-Ldb1 complex interacts with Furry to regulate microRNA expression during pronephric kidney development. <i>Scientific Reports</i> , 2018, 8, 16029. | 3.3 | 6 |
| 7 | Role of microRNAs in aldosterone signaling. <i>Current Opinion in Nephrology and Hypertension</i> , 2018, 27, 390-394. | 2.0 | 16 |
| 8 | The tale of two (distal nephron) cell types. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 314, F930-F931. | 2.7 | 0 |
| 9 | Specific Palmitoyltransferases Associate with and Activate the Epithelial Sodium Channel. <i>Journal of Biological Chemistry</i> , 2017, 292, 4152-4163. | 3.4 | 17 |
| 10 | Ankyrin G Expression Regulates Apical Delivery of the Epithelial Sodium Channel (ENaC). <i>Journal of Biological Chemistry</i> , 2017, 292, 375-385. | 3.4 | 34 |
| 11 | A MicroRNA Cluster miR-23â€“24â€“27 Is Upregulated by Aldosterone in the Distal Kidney Nephron Where it Alters Sodium Transport. <i>Journal of Cellular Physiology</i> , 2017, 232, 1306-1317. | 4.1 | 22 |
| 12 | Expression of a Diverse Array of Ca ²⁺ -Activated K ⁺ Channels (SK1/3, IK1, BK) that Functionally Couple to the Mechanosensitive TRPV4 Channel in the Collecting Duct System of Kidney. <i>PLoS ONE</i> , 2016, 11, e0155006. | 2.5 | 12 |
| 13 | MicroRNAs and the regulation of aldosterone signaling in the kidney. <i>American Journal of Physiology - Cell Physiology</i> , 2015, 308, C521-C527. | 4.6 | 17 |
| 14 | Alternatively spliced proline-rich cassettes link WNK1 to aldosterone action. <i>Journal of Clinical Investigation</i> , 2015, 125, 3433-3448. | 8.2 | 58 |
| 15 | Aldosterone Regulates MicroRNAs in the Cortical Collecting Duct to Alter Sodium Transport. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 2445-2457. | 6.1 | 42 |
| 16 | Anterograde Trafficking of KCa3.1 in Polarized Epithelia Is Rab1- and Rab8-Dependent and Recycling Endosome-Independent. <i>PLoS ONE</i> , 2014, 9, e92013. | 2.5 | 23 |
| 17 | Modulation of the Epithelial Sodium Channel (ENaC) by Bacterial Metalloproteases and Protease Inhibitors. <i>PLoS ONE</i> , 2014, 9, e100313. | 2.5 | 26 |
| 18 | Active ENaC channels are selectively recycled. <i>FASEB Journal</i> , 2013, 27, 911.10. | 0.5 | 0 |

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|----|--|-----|-----------|
| 19 | Activation of the Epithelial Sodium Channel (ENaC) by the Alkaline Protease from <i>Pseudomonas aeruginosa</i> . <i>Journal of Biological Chemistry</i> , 2012, 287, 32556-32565. | 3.4 | 58 |
| 20 | Rab11b regulates the trafficking and recycling of the epithelial sodium channel (ENaC). <i>American Journal of Physiology - Renal Physiology</i> , 2012, 302, F581-F590. | 2.7 | 76 |
| 21 | The Epithelial Sodium Channel (ENaC) Establishes a Trafficking Vesicle Pool Responsible for Its Regulation. <i>PLoS ONE</i> , 2012, 7, e46593. | 2.5 | 22 |
| 22 | Myosin 5 is involved in cAMP-induced ENaC trafficking in a mCCD cell line. <i>FASEB Journal</i> , 2011, 25, 1041.40. | 0.5 | 0 |
| 23 | Basolateral trafficking of KCa3.1 in a polarized epithelium. <i>FASEB Journal</i> , 2011, 25, 860.13. | 0.5 | 1 |
| 24 | AS160 Modulates Aldosterone-stimulated Epithelial Sodium Channel Forward Trafficking. <i>Molecular Biology of the Cell</i> , 2010, 21, 2024-2033. | 2.1 | 50 |
| 25 | Acute Regulation of the Epithelial Sodium Channel in Airway Epithelia by Proteases and Trafficking. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2010, 43, 712-719. | 2.9 | 73 |
| 26 | Regulation of the epithelial sodium channel (ENaC) by membrane trafficking. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2010, 1802, 1166-1177. | 3.8 | 125 |
| 27 | The Rab-GAP, AS160, participates in the regulation of apical membrane epithelial sodium channel (ENaC) density and recycling. <i>FASEB Journal</i> , 2010, 24, 1024.1. | 0.5 | 0 |
| 28 | Regulation of Epithelial Na ⁺ Transport by Soluble Adenylyl Cyclase in Kidney Collecting Duct Cells. <i>Journal of Biological Chemistry</i> , 2009, 284, 5774-5783. | 3.4 | 47 |
| 29 | Rab11b Regulates the Apical Recycling of the Cystic Fibrosis Transmembrane Conductance Regulator in Polarized Intestinal Epithelial Cells. <i>Molecular Biology of the Cell</i> , 2009, 20, 2337-2350. | 2.1 | 114 |
| 30 | Regulation of the epithelial sodium channel by membrane trafficking. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 296, F10-F24. | 2.7 | 110 |
| 31 | An Obligatory Heterodimer of 14-3-3 ^σ and 14-3-3 ^μ Is Required for Aldosterone Regulation of the Epithelial Sodium Channel. <i>Journal of Biological Chemistry</i> , 2008, 283, 27418-27425. | 3.4 | 56 |
| 32 | Some Assembly Required: Putting the Epithelial Sodium Channel Together. <i>Journal of Biological Chemistry</i> , 2008, 283, 35305-35309. | 3.4 | 18 |
| 33 | USP10: the nexus between nexin and vasopressin. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 295, F888-F888. | 2.7 | 2 |
| 34 | The Epithelial Sodium Channel (ENaC) Traffics to Apical Membrane in Lipid Rafts in Mouse Cortical Collecting Duct Cells. <i>Journal of Biological Chemistry</i> , 2007, 282, 37402-37411. | 3.4 | 65 |
| 35 | The Deubiquitinating Enzyme UCH-L3 Regulates the Apical Membrane Recycling of the Epithelial Sodium Channel. <i>Journal of Biological Chemistry</i> , 2007, 282, 37885-37893. | 3.4 | 104 |
| 36 | Lipid rafts mediate constitutive apical delivery of the epithelial sodium channel (ENaC). <i>FASEB Journal</i> , 2007, 21, A954. | 0.5 | 0 |

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|----|---|-----|-----------|
| 37 | 14-3-3 Isoforms Are Induced by Aldosterone and Participate in Its Regulation of Epithelial Sodium Channels. <i>Journal of Biological Chemistry</i> , 2006, 281, 16323-16332. | 3.4 | 67 |
| 38 | Airway Surface Liquid Volume Regulates ENaC by Altering the Serine Protease-Protease Inhibitor Balance. <i>Journal of Biological Chemistry</i> , 2006, 281, 27942-27949. | 3.4 | 99 |
| 39 | Clathrin-mediated Endocytosis of the Epithelial Sodium Channel. <i>Journal of Biological Chemistry</i> , 2006, 281, 14129-14135. | 3.4 | 103 |
| 40 | Acute ENaC Stimulation by cAMP in a Kidney Cell Line is Mediated by Exocytic Insertion from a Recycling Channel Pool. <i>Journal of General Physiology</i> , 2005, 125, 81-101. | 1.9 | 152 |
| 41 | cAMP-sensitive endocytic trafficking in A6 epithelia. <i>American Journal of Physiology - Cell Physiology</i> , 2001, 280, C752-C762. | 4.6 | 49 |
| 42 | Cytochemical localization of adenylate cyclase in cultured renal epithelial (A6) cells. <i>Microscopy Research and Technique</i> , 1998, 40, 455-462. | 2.2 | 8 |