

Julie E Dalziel

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,141
citations

448610

19
h-index

466096

32
g-index

42
all docs

42
docs citations

42
times ranked

1571
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Generation and identification of kokumi compounds and their validation by taste-receptor assay: An example with dry-cured lamb meat. <i>Food Chemistry</i> , 2022, 13, 100218. | 1.8 | 0 |
| 2 | The Microbiome-Gut-Brain Axis and Resilience to Developing Anxiety or Depression under Stress. <i>Microorganisms</i> , 2021, 9, 723. | 1.6 | 50 |
| 3 | Microbial signalling in colonic motility. <i>International Journal of Biochemistry and Cell Biology</i> , 2021, 134, 105963. | 1.2 | 4 |
| 4 | Goat milk increases gastric emptying and alters caecal short chain fatty acid profile compared with cow milk in healthy rats. <i>Food and Function</i> , 2020, 11, 8573-8582. | 2.1 | 7 |
| 5 | G Protein-Coupled Receptors in Taste Physiology and Pharmacology. <i>Frontiers in Pharmacology</i> , 2020, 11, 587664. | 1.6 | 90 |
| 6 | The Role of the Gut Microbiota in Dietary Interventions for Depression and Anxiety. <i>Advances in Nutrition</i> , 2020, 11, 890-907. | 2.9 | 104 |
| 7 | Differences in peptide generation following in vitro gastrointestinal digestion of yogurt and milk from cow, sheep and goat. <i>Food Chemistry</i> , 2020, 317, 126419. | 4.2 | 44 |
| 8 | Metabolome and microbiome profiling of a stress-sensitive rat model of gut-brain axis dysfunction. <i>Scientific Reports</i> , 2019, 9, 14026. | 1.6 | 23 |
| 9 | Cryo-EM structures of the pore-forming A subunit from the <i>Yersinia entomophaga</i> ABC toxin. <i>Nature Communications</i> , 2019, 10, 1952. | 5.8 | 40 |
| 10 | The Effects of Unfermented and Fermented Cow and Sheep Milk on the Gut Microbiota. <i>Frontiers in Microbiology</i> , 2019, 10, 458. | 1.5 | 15 |
| 11 | Short communication: Processed bovine colostrum milk protein concentrate increases epithelial barrier integrity of Caco-2 cell layers. <i>Journal of Dairy Science</i> , 2019, 102, 10772-10778. | 1.4 | 10 |
| 12 | Alteration in propagating colonic contractions by dairy proteins in isolated rat large intestine. <i>Journal of Dairy Science</i> , 2019, 102, 9598-9604. | 1.4 | 3 |
| 13 | Meucin-49, a multifunctional scorpion venom peptide with bactericidal synergy with neurotoxins. <i>Amino Acids</i> , 2018, 50, 1025-1043. | 1.2 | 14 |
| 14 | Differential effects of sheep and cow skim milk before and after fermentation on gastrointestinal transit of solids in a rat model. <i>Journal of Functional Foods</i> , 2018, 47, 116-126. | 1.6 | 13 |
| 15 | Gastroparesis and lipid metabolism-associated dysbiosis in Wistar-Kyoto rats. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 313, G62-G72. | 1.6 | 25 |
| 16 | Gastric Emptying and Gastrointestinal Transit Compared among Native and Hydrolyzed Whey and Casein Milk Proteins in an Aged Rat Model. <i>Nutrients</i> , 2017, 9, 1351. | 1.7 | 27 |
| 17 | Promotility Action of the Probiotic <i>Bifidobacterium lactis</i> HN019 Extract Compared with Prucalopride in Isolated Rat Large Intestine. <i>Frontiers in Neuroscience</i> , 2017, 11, 20. | 1.4 | 8 |
| 18 | Influence of Bovine Whey Protein Concentrate and Hydrolysate Preparation Methods on Motility in the Isolated Rat Distal Colon. <i>Nutrients</i> , 2016, 8, 809. | 1.7 | 16 |

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|----|---|-----|-----------|
| 19 | Tracking gastrointestinal transit of solids in aged rats as pharmacological models of chronic dysmotility. <i>Neurogastroenterology and Motility</i> , 2016, 28, 1241-1251. | 1.6 | 31 |
| 20 | Towards an understanding of the structural basis for insect olfaction by odorant receptors. <i>Insect Biochemistry and Molecular Biology</i> , 2015, 66, 31-41. | 1.2 | 69 |
| 21 | The probiotic <i>Escherichia coli</i> Nissle 1917 inhibits propagating colonic contractions in the rat isolated large intestine. <i>Food and Function</i> , 2015, 6, 256-263. | 2.1 | 12 |
| 22 | An integrated approach to assessing the bio-activity of nutrients in vitro: The anti-oxidant effects of catechin and chlorogenic acid as an example. <i>Integrative Food, Nutrition and Metabolism</i> , 2015, 2, . | 0.3 | 7 |
| 23 | BK channels regulate sinoatrial node firing rate and cardiac pacing in vivo. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 307, H1327-H1338. | 1.5 | 56 |
| 24 | An in vitro rat model of colonic motility to determine the effect of $\hat{1}^2$ -casomorphin-5 on propagating contractions. <i>Food and Function</i> , 2014, 5, 2768-2774. | 2.1 | 21 |
| 25 | Combined effects of fungal alkaloids on intestinal motility in an in vitro rat model ^{1,2} . <i>Journal of Animal Science</i> , 2013, 91, 5177-5182. | 0.2 | 11 |
| 26 | hERG ion channel pharmacology: cell membrane liposomes in porous-supported lipid bilayers compared with whole-cell patch-clamping. <i>European Biophysics Journal</i> , 2012, 41, 949-958. | 1.2 | 4 |
| 27 | Mechanism of action of lolitrem B, a fungal endophyte derived toxin that inhibits BK large conductance Ca ²⁺ -activated K ⁺ channels. <i>Toxicon</i> , 2011, 57, 686-694. | 0.8 | 20 |
| 28 | Molecular divergence of two orthologous scorpion toxins affecting potassium channels. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2011, 159, 313-321. | 0.8 | 19 |
| 29 | Bilayer lipid membranes supported on Teflon filters: A functional environment for ion channels. <i>Biosensors and Bioelectronics</i> , 2011, 26, 3127-3135. | 5.3 | 32 |
| 30 | Porous Materials to Support Bilayer Lipid Membranes for Ion Channel Biosensors. <i>International Journal of Electrochemistry</i> , 2011, 2011, 1-6. | 2.4 | 5 |
| 31 | A Role for BK Channels in Heart Rate Regulation in Rodents. <i>PLoS ONE</i> , 2010, 5, e8698. | 1.1 | 50 |
| 32 | Structural determinants of lolitrems for inhibition of BK large conductance Ca ²⁺ -activated K ⁺ channels. <i>European Journal of Pharmacology</i> , 2009, 605, 36-45. | 1.7 | 32 |
| 33 | The Molecular Mechanism of $\hat{1}^2$ -Ryegrass Staggers, $\hat{1}^2$ a Neurological Disorder of K ⁺ Channels. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 327, 657-664. | 1.3 | 100 |
| 34 | Chapter Two Rapid Purification and Reconstitution of Recombinant Voltage-Gated Sodium Channels into Planar BLMs. <i>Behavior Research Methods</i> , 2008, , 27-47. | 2.3 | 1 |
| 35 | Recombinant human voltage-gated skeletal muscle sodium channels are pharmacologically functional in planar lipid bilayers. <i>Biosensors and Bioelectronics</i> , 2007, 22, 1006-1012. | 5.3 | 12 |
| 36 | Expression of human BK ion channels in Sf9 cells, their purification using metal affinity chromatography, and functional reconstitution into planar lipid bilayers. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 857, 315-321. | 1.2 | 8 |

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|----|---|-----|-----------|
| 37 | The fungal neurotoxin lolitrem B inhibits the function of human large conductance calcium-activated potassium channels. <i>Toxicology Letters</i> , 2005, 155, 421-426. | 0.4 | 42 |
| 38 | Penicillin blocks human $\alpha 1 \beta 1$ and $\alpha 1 \beta 2 \beta 3$ GABAA channels that open spontaneously. <i>European Journal of Pharmacology</i> , 2004, 496, 23-32. | 1.7 | 36 |
| 39 | A threonine residue in the M2 region of the $\alpha 1$ subunit is needed for expression of functional $\alpha 1 \beta 1$ GABAA receptors. <i>European Journal of Pharmacology</i> , 1999, 370, 345-348. | 1.7 | 6 |
| 40 | Mutant human $\alpha 1 \beta 1$ (T262Q) GABAA receptors are directly activated but not modulated by pentobarbital. <i>European Journal of Pharmacology</i> , 1999, 385, 283-286. | 1.7 | 24 |
| 41 | A Structural Determinant of Desensitization and Allosteric Regulation by Pentobarbitone of the GABA A Receptor. <i>Journal of Membrane Biology</i> , 1997, 155, 157-166. | 1.0 | 50 |