

Scott P Kelly

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4991545/publications.pdf>

Version: 2024-02-01

87
papers

3,227
citations

136740

32
h-index

161609

54
g-index

89
all docs

89
docs citations

89
times ranked

2116
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Genomic and physiological mechanisms underlying skin plasticity during water to air transition in an amphibious fish. <i>Journal of Experimental Biology</i> , 2021, 224, . | 0.8 | 10 |
| 2 | lonâ€poor water and dietary salt deprivation upregulate the ghrelinergic system in the goldfish () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7 | 0.7 | 0 |
| 3 | Mummichog gill and operculum exhibit functionally consistent claudin-10 paralog profiles and Claudin-10c hypersaline response. <i>Biology Open</i> , 2021, 10, . | 0.6 | 6 |
| 4 | C-type natriuretic peptide regulates the molecular components of the rainbow trout gill epithelium tight junction complex. <i>Peptides</i> , 2020, 124, 170211. | 1.2 | 6 |
| 5 | Claudins of sea lamprey (<sc> <i>Petromyzon marinus</i> </sc>) â€“ organâ€specific expression and transcriptional responses to water of varying ion content. <i>Journal of Fish Biology</i> , 2020, 96, 768-781. | 0.7 | 9 |
| 6 | Effects of copper on a reconstructed freshwater rainbow trout gill epithelium: Paracellular and intracellular aspects. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2020, 230, 108705. | 1.3 | 2 |
| 7 | Tracking adiponectin biodistribution via fluorescence molecular tomography indicates increased vascular permeability after streptozotocin-induced diabetes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 317, E760-E772. | 1.8 | 5 |
| 8 | Septate junction in the distal ileac plexus of larval lepidopteran <i>Trichoplusia ni</i>: alterations in paracellular permeability during ion transport reversal. <i>Journal of Experimental Biology</i> , 2019, 222, . | 0.8 | 11 |
| 9 | The mineralocorticoid receptor contributes to barrier function of a model fish gill epithelium. <i>Journal of Experimental Biology</i> , 2019, 222, . | 0.8 | 4 |
| 10 | Impact of salt-contaminated freshwater on osmoregulation and tracheal gill function in nymphs of the mayfly <i>Hexagenia rigida</i> . <i>Aquatic Toxicology</i> , 2019, 211, 92-104. | 1.9 | 17 |
| 11 | A lethal fungal pathogen directly alters tight junction proteins in the skin of a susceptible amphibian. <i>Journal of Experimental Biology</i> , 2018, 222, . | 0.8 | 6 |
| 12 | Tricellular tight junction-associated angulins in the gill epithelium of rainbow trout. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018, 315, R312-R322. | 0.9 | 8 |
| 13 | Identification of the septate junction protein gliotactin in the mosquito, <i>Aedes aegypti</i>: evidence for a role in increased paracellular permeability in larvae. <i>Journal of Experimental Biology</i> , 2017, 220, 2354-2363. | 0.8 | 11 |
| 14 | Salinity alters snakeskin and mesh transcript abundance and permeability in midgut and Malpighian tubules of larval mosquito, <i>Aedes aegypti</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2017, 205, 58-67. | 0.8 | 20 |
| 15 | Claudin tight junction proteins in rainbow trout (<i>Oncorhynchus mykiss</i>) skin: Spatial response to elevated cortisol levels. <i>General and Comparative Endocrinology</i> , 2017, 240, 214-226. | 0.8 | 11 |
| 16 | Thermal acclimation mitigates cold-induced paracellular leak from the <i>Drosophila</i> gut. <i>Scientific Reports</i> , 2017, 7, 8807. | 1.6 | 48 |
| 17 | Strategies of ionoregulation in the freshwater nymph of the mayfly (<i>Hexagenia rigida</i>). <i>Journal of Experimental Biology</i> , 2017, 220, 3997-4006. | 0.8 | 13 |
| 18 | A role for tight junction-associated MARVEL proteins in larval sea lamprey (<i>Petromyzon) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td (| 0.8 | 11 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Claudin-10 isoform expression and cation selectivity change with salinity in salt-secreting epithelia of <i>F. heteroclitus</i> . <i>Journal of Experimental Biology</i> , 2017, 221, . | 0.8 | 21 |
| 20 | Transendothelial movement of adiponectin is restricted by glucocorticoids. <i>Journal of Endocrinology</i> , 2017, 234, 101-114. | 1.2 | 8 |
| 21 | Claudin-31 contributes to corticosteroid-induced alterations in the barrier properties of the gill epithelium. <i>Molecular and Cellular Endocrinology</i> , 2017, 439, 457-466. | 1.6 | 13 |
| 22 | Claudin-8d is a cortisol-responsive barrier protein in the gill epithelium of trout. <i>Journal of Molecular Endocrinology</i> , 2017, 59, 299-310. | 1.1 | 13 |
| 23 | Dietary salt loading and ion-poor water exposure provide insight into the molecular physiology of the rainbow trout gill epithelium tight junction complex. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2016, 186, 739-757. | 0.7 | 9 |
| 24 | The liquorice root derivative glycyrrhetic acid can ameliorate ionoregulatory disturbance in rainbow trout (<i>Oncorhynchus mykiss</i>) abruptly exposed to ion-poor water. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2016, 199, 120-129. | 0.8 | 8 |
| 25 | The response of claudin-like transmembrane septate junction proteins to altered environmental ion levels in the larval mosquito <i>Aedes aegypti</i> . <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2016, 186, 589-602. | 0.7 | 14 |
| 26 | Procedures for the reconstruction, primary culture and experimental use of rainbow trout gill epithelia. <i>Nature Protocols</i> , 2016, 11, 490-498. | 5.5 | 28 |
| 27 | Occluding junctions of invertebrate epithelia. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2016, 186, 17-43. | 0.7 | 53 |
| 28 | Effect of the liquorice root derivatives on salt and water balance in a teleost fish, rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2015, 180, 86-97. | 0.8 | 10 |
| 29 | Claudins in a primary cultured puffer fish (<i>Tetraodon nigroviridis</i>) gill epithelium model alter in response to acute seawater exposure. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2015, 189, 91-101. | 0.8 | 7 |
| 30 | Altered Transendothelial Transport of Hormones as a Contributor to Diabetes. <i>Diabetes and Metabolism Journal</i> , 2014, 38, 92. | 1.8 | 9 |
| 31 | Claudin-6, -10d, and -10e contribute to seawater acclimation in the euryhaline puffer fish <i>Tetraodon nigroviridis</i> . <i>Journal of Experimental Biology</i> , 2014, 217, 1758-67. | 0.8 | 29 |
| 32 | Tight junction protein gene expression patterns and changes in transcript abundance during development of model fish gill epithelia. <i>Journal of Experimental Biology</i> , 2014, 217, 1667-81. | 0.8 | 34 |
| 33 | Claudins in teleost fishes. <i>Tissue Barriers</i> , 2013, 1, e25391. | 1.6 | 92 |
| 34 | Tissue specific ionomotive enzyme activity and K ⁺ reabsorption reveal the rectum as an important ionoregulatory organ in larval <i>Chironomus riparius</i> exposed to varying salinity. <i>Journal of Experimental Biology</i> , 2013, 216, 3637-48. | 0.8 | 17 |
| 35 | A role for tricellulin in the regulation of gill epithelium permeability. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013, 304, R1139-R1148. | 0.9 | 22 |
| 36 | Permeability properties of the teleost gill epithelium under ion-poor conditions. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012, 302, R727-R739. | 0.9 | 44 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Tight junctions, tight junction proteins and paracellular permeability across the gill epithelium of fishes: A review. <i>Respiratory Physiology and Neurobiology</i> , 2012, 184, 269-281. | 0.7 | 173 |
| 38 | Effects of elevated circulating cortisol levels on hydromineral status and gill tight junction protein abundance in the stenohaline goldfish. <i>General and Comparative Endocrinology</i> , 2012, 175, 277-283. | 0.8 | 30 |
| 39 | Permeability properties and occludin expression in a primary cultured model gill epithelium from the stenohaline freshwater goldfish. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2011, 181, 487-500. | 0.7 | 6 |
| 40 | Exogenous GDF9 but not Activin A, BMP15 or TGF β 2 alters tight junction protein transcript abundance in zebrafish ovarian follicles. <i>General and Comparative Endocrinology</i> , 2011, 171, 211-217. | 0.8 | 29 |
| 41 | Effect of cortisol on permeability and tight junction protein transcript abundance in primary cultured gill epithelia from stenohaline goldfish and euryhaline trout. <i>General and Comparative Endocrinology</i> , 2011, 172, 494-504. | 0.8 | 70 |
| 42 | Epithelial remodeling and claudin mRNA abundance in the gill and kidney of puffer fish (<i>Tetraodon</i>). <i>Biochemical, Systemic, and Environmental Physiology</i> , 2011, 181, 219-238. | 0.7 | 49 |
| 43 | The physiological response of larval <i>Chironomus riparius</i> (Meigen) to abrupt brackish water exposure. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2011, 181, 343-352. | 0.7 | 41 |
| 44 | Glucocorticoid and mineralocorticoid receptors regulate paracellular permeability in a primary cultured gill epithelium. <i>Journal of Experimental Biology</i> , 2011, 214, 2308-2318. | 0.8 | 61 |
| 45 | Claudins in a Primary Cultured Puffer Fish (<i>Tetraodon nigroviridis</i>) Gill Epithelium. <i>Methods in Molecular Biology</i> , 2011, 762, 179-194. | 0.4 | 5 |
| 46 | Spatial and salinity-induced alterations in claudin-3 isoform mRNA along the gastrointestinal tract of the pufferfish <i>Tetraodon nigroviridis</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2010, 155, 154-163. | 0.8 | 18 |
| 47 | Tight junction proteins in zebrafish ovarian follicles: Stage specific mRNA abundance and response to 17 β -estradiol, human chorionic gonadotropin, and maturation inducing hormone. <i>General and Comparative Endocrinology</i> , 2010, 168, 388-400. | 0.8 | 42 |
| 48 | Cortisol differentially alters claudin isoforms in cultured puffer fish gill epithelia. <i>Molecular and Cellular Endocrinology</i> , 2010, 317, 120-126. | 1.6 | 57 |
| 49 | Cortisol reduces paracellular permeability and increases occludin abundance in cultured trout gill epithelia. <i>Molecular and Cellular Endocrinology</i> , 2010, 323, 232-238. | 1.6 | 49 |
| 50 | Occludin and hydromineral balance in <i>Xenopus laevis</i> . <i>Journal of Experimental Biology</i> , 2009, 212, 287-296. | 0.8 | 11 |
| 51 | Occludin expression in goldfish held in ion-poor water. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2009, 179, 145-154. | 0.7 | 36 |
| 52 | Claudin-8 and -27 tight junction proteins in puffer fish <i>Tetraodon nigroviridis</i> acclimated to freshwater and seawater. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2009, 179, 419-431. | 0.7 | 42 |
| 53 | Chapter 9 The Endocrine Regulation of Food Intake. <i>Fish Physiology</i> , 2009, 28, 421-465. | 0.2 | 37 |
| 54 | Cortisol stimulates calcium transport across cultured gill epithelia from freshwater rainbow trout. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2008, 44, 96-104. | 0.7 | 18 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Claudin-3 tight junction proteins in <i>Tetraodon nigroviridis</i> : cloning, tissue-specific expression, and a role in hydromineral balance. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 294, R1638-R1647. | 0.9 | 59 |
| 56 | Occludin immunolocalization and protein expression in goldfish. <i>Journal of Experimental Biology</i> , 2008, 211, 1524-1534. | 0.8 | 65 |
| 57 | Prolactin-releasing peptide, food intake, and hydromineral balance in goldfish. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2006, 291, R1474-R1481. | 0.9 | 33 |
| 58 | Neuropeptides and the control of food intake in fish. <i>General and Comparative Endocrinology</i> , 2005, 142, 3-19. | 0.8 | 511 |
| 59 | Response of developing cultured freshwater gill epithelia to gradual apical media dilution and hormone supplementation. <i>The Journal of Experimental Zoology</i> , 2004, 301A, 867-881. | 1.4 | 10 |
| 60 | Larval Development of Silver Sea Bream (<i>Sparus sarba</i>): Ontogeny of RNA-DNA Ratio, GH, IGF-I, and Na ⁺ -K ⁺ -ATPase. <i>Marine Biotechnology</i> , 2003, 5, 79-91. | 1.1 | 31 |
| 61 | DILUTE CULTURE MEDIA AS AN ENVIRONMENTAL OR PHYSIOLOGICAL SIMULANT IN CULTURED GILL EPITHELIA FROM FRESHWATER RAINBOW TROUT. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2003, 39, 21. | 0.7 | 7 |
| 62 | Effects of cortisol and prolactin on Na ⁺ and Cl ⁻ transport in cultured branchial epithelia from FW rainbow trout. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2003, 285, R1305-R1316. | 0.9 | 35 |
| 63 | Cultured gill epithelia as models for the freshwater fish gill. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2002, 1566, 72-83. | 1.4 | 87 |
| 64 | Prolactin effects on cultured pavement cell epithelia and pavement cell plus mitochondria-rich cell epithelia from freshwater rainbow trout gills. <i>General and Comparative Endocrinology</i> , 2002, 128, 44-56. | 0.8 | 29 |
| 65 | Studies on lipid metabolism in trout (<i>Oncorhynchus mykiss</i>) branchial cultures. <i>The Journal of Experimental Zoology</i> , 2002, 293, 683-692. | 1.4 | 12 |
| 66 | Physiological responses to acute silver exposure in the freshwater crayfish (<i>Cambarus diogenes</i>) | 2.2 | 57 |
| 67 | Cultured Gill Epithelia from Freshwater Tilapia (<i>Oreochromis niloticus</i>): Effect of Cortisol and Homologous Serum Supplements from Stressed and Unstressed Fish. <i>Journal of Membrane Biology</i> , 2002, 190, 29-42. | 1.0 | 46 |
| 68 | Effect of cortisol on the physiology of cultured pavement cell epithelia from freshwater trout gills. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2001, 281, R811-R820. | 0.9 | 48 |
| 69 | The Physiological Effects of 3,5,3-Triiodo-L-thyronine Alone or Combined with Cortisol on Cultured Pavement Cell Epithelia from Freshwater Rainbow Trout Gills. <i>General and Comparative Endocrinology</i> , 2001, 123, 280-294. | 0.8 | 27 |
| 70 | The cultured branchial epithelium of the rainbow trout as a model for diffusive fluxes of ammonia across the fish gill. <i>Journal of Experimental Biology</i> , 2001, 204, 4115-4124. | 0.8 | 20 |
| 71 | A maxi Cl ⁻ channel in cultured pavement cells from the gills of the freshwater rainbow trout <i>Oncorhynchus mykiss</i> . <i>Journal of Experimental Biology</i> , 2001, 204, 1783-94. | 0.8 | 19 |
| 72 | The cultured branchial epithelium of the rainbow trout as a model for diffusive fluxes of ammonia across the fish gill. <i>Journal of Experimental Biology</i> , 2001, 204, 4115-24. | 0.8 | 13 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Effect of salinity and ration size on macrophage phagocytosis in juvenile black sea bream (<i>Mylio</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 13 | 0.3 | 13 |
| 74 | Procedures for the preparation and culture of 'reconstructed' rainbow trout branchial epithelia. <i>Cytotechnology</i> , 2000, 22, 153-163. | 0.7 | 67 |
| 75 | Hypercortisolemia does not affect the branchial osmoregulatory responses of the marine teleost <i>Sparus sarba</i> . <i>Life Sciences</i> , 2000, 66, 1435-1444. | 2.0 | 14 |
| 76 | Transport properties of cultured branchial epithelia from freshwater rainbow trout: a novel preparation with mitochondria-rich cells. <i>Journal of Experimental Biology</i> , 2000, 203, 1523-37. | 0.8 | 55 |
| 77 | The response of sea bream following abrupt hyposmotic exposure. <i>Journal of Fish Biology</i> , 1999, 55, 732-750. | 0.7 | 68 |
| 78 | Haloplasticity of black seabream (<i>Mylio macrocephalus</i>): Hypersaline to freshwater acclimation. <i>The Journal of Experimental Zoology</i> , 1999, 283, 226-241. | 1.4 | 94 |
| 79 | Cellular and Biochemical Characterization of Hyposmotic Adaptation in a Marine Teleost, <i>Sparus sarba</i> . <i>Zoological Science</i> , 1999, 16, 505-514. | 0.3 | 29 |
| 80 | Effects of Prolactin and Growth Hormone on Strategies of Hypoosmotic Adaptation in a Marine Teleost, <i>Sparus sarba</i> . <i>General and Comparative Endocrinology</i> , 1999, 113, 9-22. | 0.8 | 60 |
| 81 | Hormonal modulation of branchial Na ⁺ -K ⁺ -ATPase subunit mRNA in a marine teleost <i>Sparus sarba</i> . <i>Life Sciences</i> , 1999, 64, 1819-1829. | 2.0 | 18 |
| 82 | Alterations in Na ⁺ -K ⁺ -ATPase activity and gill chloride cell morphometrics of juvenile black sea bream (<i>Mylio macrocephalus</i>) in response to salinity and ration size. <i>Aquaculture</i> , 1999, 172, 351-367. | 1.7 | 31 |
| 83 | Effects of GH, prolactin and cortisol on hepatic heat shock protein 70 expression in a marine teleost <i>Sparus sarba</i> . <i>Journal of Endocrinology</i> , 1999, 161, 413-421. | 1.2 | 55 |
| 84 | The response of sea bream following abrupt hyposmotic exposure. , 1999, 55, 732. | | 5 |
| 85 | Stimulation of macrophage phagocytosis and lymphocyte count by exogenous prolactin administration in silver sea bream (<i>Sparus sarba</i>) adapted to hyper- and hypo-osmotic salinities. <i>Veterinary Immunology and Immunopathology</i> , 1998, 61, 387-391. | 0.5 | 26 |
| 86 | Effect of injected growth hormone on phagocytosis in silver sea bream (<i>Sparus sarba</i>) adapted to hyper- and hypo-osmotic salinities. <i>Fish and Shellfish Immunology</i> , 1997, 7, 515-517. | 1.6 | 27 |
| 87 | Effects of salinity and nutritional status on growth and metabolism of <i>Spams sarba</i> in a closed seawater system. <i>Aquaculture</i> , 1995, 135, 229-238. | 1.7 | 151 |