# Wolfgang Kummer

List of Publications by Year
in descending order



| 162 | 6,667 | 61857 | 79541 |
|---|---|---|---|
| papers | citations | 43 h-index | 73 g-index |

| 163 | 163 | 163 | 6297 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | CXCL13 is expressed in a subpopulation of neuroendocrine cells in the murine trachea and lung. Cell and Tissue Research, 2022, 390, 35-49. | 1.5 | 2 |
| 2 | Cysteinyl leukotrienes and acetylcholine are biliary tuft cell cotransmitters. Science Immunology, 2022, 7, eabf6734. | 5.6 | 16 |
| 3 | Development of epithelial cholinergic chemosensory cells of the urethra and trachea of mice. Cell and Tissue Research, 2021, 385, 21-35. | 1.5 | 9 |
| 4 | Olfactory receptor Olfr78 (prostate-specific G protein-coupled receptor PSGR) expression in arterioles supplying skeletal and cardiac muscles and in arterioles feeding some murine organs. Histochemistry and Cell Biology, 2021, , 1. | 0.8 | 4 |
| 5 | Acute nicotine administration stimulates ciliary activity via Î±3Î²4 nAChR in the mouse trachea. International Immunopharmacology, 2020, 84, 106496. | 1.7 | 8 |
| 6 | Advillin is a tuft cell marker in the mouse alimentary tract. Journal of Molecular Histology, 2020, 51, 421-435. | 1.0 | 9 |
| 7 | Chemosensory Cell-Derived Acetylcholine Drives Tracheal Mucociliary Clearance in Response to Virulence-Associated Formyl Peptides. Immunity, 2020, 52, 683-699.e11. | 6.6 | 63 |
| 8 | Multilineage murine stem cells generate complex organoids to model distal lung development and disease. EMBO Journal, 2020, 39, e103476. | 3.5 | 44 |
| 9 | The curious case of ligamentum arteriosum: It is more than a ligament. FASEB Journal, 2020, 34, 1-1. | 0.2 | 0 |
| 10 | Bordetella pseudohinzii targets cilia and impairs tracheal cilia-driven transport in naturally acquired infection in mice. Scientific Reports, 2018, 8, 5681. | 1.6 | 13 |
| 11 | The sympathetic nervous system: malignancy, disease, and novel functions. Cell and Tissue Research, 2018, 372, 163-170. | 1.5 | 12 |
| 12 | Sphingosine Kinase 1 Regulates Inflammation and Contributes to Acute Lung Injury in Pneumococcal Pneumonia via the Sphingosine-1-Phosphate Receptor 2. Critical Care Medicine, 2018, 46, e258-e267. | 0.4 | 16 |
| 13 | Hypoxiaâ€induced pulmonary vasoconstriction of intraâ€acinar arteries is impaired in NADPH oxidase 4 geneâ€deficient mice. Pulmonary Circulation, 2018, 8, 1-4. | 0.8 | 4 |
| 14 | Î²-Nicotinamide Adenine Dinucleotide (Î²-NAD) Inhibits ATP-Dependent IL-1Î² Release from Human Monocytic Cells. International Journal of Molecular Sciences, 2018, 19, 1126. | 1.8 | 14 |
| 15 | Muscarinic receptors 2 and 5 regulate bitter response of urethral brush cells via negative feedback. FASEB Journal, 2018, 32, 2903-2910. | 0.2 | 7 |
| 16 | ENaC in Cholinergic Brush Cells. Frontiers in Cell and Developmental Biology, 2018, 6, 89. | 1.8 | 6 |
| 17 | Caveolin-3 differentially orchestrates cholinergic and serotonergic constriction of murine airways. Scientific Reports, 2018, 8, 7508. | 1.6 | 4 |
| 18 | Substance P Receptor in the Rat Heart and Regulation of Its Expression in Long-Term Diabetes. Frontiers in Physiology, 2018, 9, 918. | 1.3 | 5 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | C-Reactive Protein Stimulates Nicotinic Acetylcholine Receptors to Control ATP-Mediated Monocytic Inflammasome Activation. Frontiers in Immunology, 2018, 9, 1604. | 2.2 | 45 |
| 20 | Brush cells, the newly identified gatekeepers of the urinary tract. Current Opinion in Urology, 2017, 27, 85-92. | 0.9 | 21 |
| 21 | Caveolin-1: Functional Insights into Its Role in Muscarine- and Serotonin-Induced Smooth Muscle Constriction in Murine Airways. Frontiers in Physiology, 2017, 8, 295. | 1.3 | 7 |
| 22 | Nicotinic Acetylcholine Receptor Î±9 and Î±10 Subunits Are Expressed in the Brain of Mice. Frontiers in Cellular Neuroscience, 2017, 11, 282. | 1.8 | 27 |
| 23 | TASK-1 potassium channel is not critically involved in mediating hypoxic pulmonary vasoconstriction of murine intra-pulmonary arteries. PLoS ONE, 2017, 12, e0174071. | 1.1 | 24 |
| 24 | Calcitonin Peptide Family Members Are Differentially Regulated by LPS and Inhibit Functions of Rat Alveolar NR8383 Macrophages. PLoS ONE, 2016, 11, e0163483. | 1.1 | 7 |
| 25 | Chemosensory epithelial cells in the urethra: sentinels of the urinary tract. Histochemistry and Cell Biology, 2016, 146, 673-683. | 0.8 | 25 |
| 26 | Spatial expression of components of a calcitonin receptor-like receptor (CRL) signalling system (CRL,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf heart valves. Cell and Tissue Research, 2016, 366, 587-599. | 1.5 | 2 |
| 27 | Expression and localization of GPR91 and GPR99 in murine organs. Cell and Tissue Research, 2016, 364, 245-262. | 1.5 | 36 |
| 28 | Chemical coding and chemosensory properties of cholinergic brush cells in the mouse gastrointestinal and biliary tract. Frontiers in Physiology, 2015, 6, 87. | 1.3 | 91 |
| 29 | Suitability of Nicotinic Acetylcholine Receptor Î±7 and Muscarinic Acetylcholine Receptor 3 Antibodies for Immune Detection. Journal of Histochemistry and Cytochemistry, 2015, 63, 329-339. | 1.3 | 21 |
| 30 | Cholinergic urethral brush cells are widespread throughout placental mammals. International Immunopharmacology, 2015, 29, 51-56. | 1.7 | 22 |
| 31 | Identification of cholinergic chemosensory cells in mouse tracheal and laryngeal glandular ducts. International Immunopharmacology, 2015, 29, 158-165. | 1.7 | 15 |
| 32 | Phosphocholine-Modified Macromolecules and Canonical Nicotinic Agonists Inhibit ATP-Induced IL-1Î² Release. Journal of Immunology, 2015, 195, 2325-2334. | 0.4 | 80 |
| 33 | Cholinergic chemosensory cells of the thymic medulla express the bitter receptor Tas2r131. International Immunopharmacology, 2015, 29, 143-147. | 1.7 | 21 |
| 34 | AzoCholine Enables Optical Control of Alpha 7 Nicotinic Acetylcholine Receptors in Neural Networks. ACS Chemical Neuroscience, 2015, 6, 701-707. | 1.7 | 49 |
| 35 | Cholinergic activation of the murine trachealis muscle via non-vesicular acetylcholine release involving low-affinity choline transporters. International Immunopharmacology, 2015, 29, 173-180. | 1.7 | 13 |
| 36 | Luminal acetylcholine does not affect the activity of the CFTR in tracheal epithelia of pigs. International Immunopharmacology, 2015, 29, 166-172. | 1.7 | 4 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Recent progress in revealing the biological and medical significance of the non-neuronal cholinergic system. International Immunopharmacology, 2015, 29, 1-7. | 1.7 | 32 |
| 38 | A novel cholinergic epithelial cell with chemosensory traits in the murine conjunctiva. International Immunopharmacology, 2015, 29, 45-50. | 1.7 | 12 |
| 39 | Mental Stress in Atopic Dermatitis â€“ Neuronal Plasticity and the Cholinergic System Are Affected in Atopic Dermatitis and in Response to Acute Experimental Mental Stress in a Randomized Controlled Pilot Study. PLoS ONE, 2014, 9, e113552. | 1.1 | 72 |
| 40 | Adrenomedullin and the calcitonin receptor-like receptor system mRNA expressions in the rat heart and sensory ganglia in experimentally-induced long-term diabetes. General Physiology and Biophysics, 2014, 33, 215-255. | 0.4 | 4 |
| 41 | Bitter triggers acetylcholine release from polymodal urethral chemosensory cells and bladder reflexes. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 8287-8292. | 3.3 | 134 |
| 42 | Terminally Differentiated Epithelial Cells of the Thymic Medulla and Skin Express Nicotinic Acetylcholine Receptor SubunitÎ±3. BioMed Research International, 2014, 2014, 1-9. | 0.9 | 5 |
| 43 | Non-neuronal cholinergic airway epithelium biology. Current Opinion in Pharmacology, 2014, 16, 43-49. | 1.7 | 62 |
| 44 | Cholinergic epithelial cell with chemosensory traits in murine thymic medulla. Cell and Tissue Research, 2014, 358, 737-748. | 1.5 | 52 |
| 45 | Low-dose adrenomedullin-2/intermedin(8â€“47) reduces pulmonary ischemia/reperfusion injury. Peptides, 2014, 62, 49-54. | 1.2 | 5 |
| 46 | Effects of Lewis lung carcinoma and B16 melanoma on the innervation of the mouse trachea. Autonomic Neuroscience: Basic and Clinical, 2014, 183, 106-110. | 1.4 | 2 |
| 47 | Videomorphometric Analysis of Hypoxic Pulmonary Vasoconstriction of Intra-pulmonary Arteries Using Murine Precision Cut Lung Slices. Journal of Visualized Experiments, 2014, , e50970. | 0.2 | 18 |
| 48 | Cilia-driven particle and fluid transport over mucus-free mice tracheae. Journal of Biomechanics, 2013, 46, 593-598. | 0.9 | 25 |
| 49 | Expression of nicotinic acetylcholine receptor subunit mRNA in mouse bladder afferent neurons. Neuroscience, 2013, 229, 27-35. | 1.1 | 17 |
| 50 | Examination of luminal acetylcholine on CFTR activity in porcine airway epithelium. FASEB Journal, 2013, 27, . | 0.2 | 0 |
| 51 | Ciliary Activity in the Oviduct of Cycling, Pregnant, and Muscarinic Receptor Knockout Mice1. Biology of Reproduction, 2012, 86, 120. | 1.2 | 29 |
| 52 | Evidence for Functional Atypical Nicotinic Receptors That Activate K<sup>+</sup>â€“Dependent Cl<sup>â^'</sup> Secretion in Mouse Tracheal Epithelium. American Journal of Respiratory Cell and Molecular Biology, 2012, 46, 106-114. | 1.4 | 21 |
| 53 | Luminal cholinergic signalling in airway lining fluid: a novel mechanism for activating chloride secretion via Ca<sup>2+</sup>â€dependent Cl<sup>â€</sup> and K<sup>+</sup> channels. British Journal of Pharmacology, 2012, 166, 1388-1402. | 2.7 | 23 |
| 54 | Stereological characterization of left ventricular cardiomyocytes, capillaries, and innervation in the nondiabetic, obese mouse. Cardiovascular Pathology, 2012, 21, 346-354. | 0.7 | 18 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Cholinergic receptors in the murine oviduct: Inventory and coupling to intracellular calcium concentration. Life Sciences, 2012, 91, 1003-1008. | 2.0 | 4 |
| 56 | Does bladder outlet obstruction alter the non-neuronal cholinergic system of the human urothelium?. Life Sciences, 2012, 91, 1082-1086. | 2.0 | 11 |
| 57 | Cholinergic brush cells in the trachea mediate respiratory responses to quorum sensing molecules. Life Sciences, 2012, 91, 992-996. | 2.0 | 75 |
| 58 | Nicotine-induced activation of soluble adenylyl cyclase participates in ion transport regulation in mouse tracheal epithelium. Life Sciences, 2012, 91, 1009-1012. | 2.0 | 9 |
| 59 | â€œTastingâ€•the airway lining fluid. Histochemistry and Cell Biology, 2012, 138, 365-383. | 0.8 | 48 |
| 60 | Cholinergic chemosensory cells in the auditory tube. Histochemistry and Cell Biology, 2012, 137, 483-497. | 0.8 | 49 |
| 61 | T243 AUTOIMMUNITY AGAINST THE BETA2 ADRENERGIC RECEPTOR AND MUSCARINIC 2 RECEPTOR IN COMPLEX REGIONAL PAIN SYNDROME. European Journal of Pain Supplements, 2011, 5, 48-48. | 0.0 | 1 |
| 62 | Cholinergic chemosensory cells in the trachea regulate breathing. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 9478-9483. | 3.3 | 233 |
| 63 | The cholinergic system in rat testis is of non-neuronal origin. Reproduction, 2011, 142, 157-166. | 1.1 | 42 |
| 64 | Pulmonary Vascular Innervation and Its Role in Responses to Hypoxia: Size Matters!. Proceedings of the American Thoracic Society, 2011, 8, 471-476. | 3.5 | 47 |
| 65 | An unbiased stereological method for efficiently quantifying the innervation of the heart and other organs based on total length estimations. Journal of Applied Physiology, 2010, 108, 1402-1409. | 1.2 | 24 |
| 66 | Nicotinic receptors on rat alveolar macrophages dampen ATP-induced increase in cytosolic calcium concentration. Respiratory Research, 2010, 11, 133. | 1.4 | 44 |
| 67 | Muscarinic receptor-mediated bronchoconstriction is coupled to caveolae in murine airways. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2010, 298, L626-L636. | 1.3 | 24 |
| 68 | Muscarinic acetylcholine receptor subtypes expressed by mouse bladder afferent neurons. Neuroscience, 2010, 168, 842-850. | 1.1 | 41 |
| 69 | Mitochondrial complex II participates in normoxic and hypoxic regulation of Î±-keto acids in the murine heart. Journal of Molecular and Cellular Cardiology, 2010, 49, 950-961. | 0.9 | 7 |
| 70 | Muscarinic receptor subtypes in cilia-driven transport and airway epithelial development. European Respiratory Journal, 2009, 33, 1113-1121. | 3.1 | 54 |
| 71 | Pivotal Advance: Up-regulation of acetylcholine synthesis and paracrine cholinergic signaling in intravascular transplant leukocytes during rejection of rat renal allografts. Journal of Leukocyte Biology, 2009, 86, 13-22. | 1.5 | 45 |
| 72 | Suitability of muscarinic acetylcholine receptor antibodies for immunohistochemistry evaluated on tissue sections of receptor gene-deficient mice. Naunyn-Schmiedeberg's Archives of Pharmacology, 2009, 379, 389-395. | 1.4 | 131 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | Presence of Î±7 nicotinic acetylcholine receptors on dorsal root ganglion neurons proved using knockout mice and selective Î±â€neurotoxins in histochemistry. Journal of Neurochemistry, 2009, 109, 1087-1095. | 2.1 | 24 |
| 74 | Serotonin Increases Cilia-Driven Particle Transport via an Acetylcholine-Independent Pathway in the Mouse Trachea. PLoS ONE, 2009, 4, e4938. | 1.1 | 34 |
| 75 | The epithelial cholinergic system of the airways. Histochemistry and Cell Biology, 2008, 130, 219-34. | 0.8 | 174 |
| 76 | Reduced expression of nicotinic Î± subunits 3, 7, 9 and 10 in lesional and nonlesional atopic dermatitis skin but enhanced expression of Î± subunits 3 and 5 in mast cells. British Journal of Dermatology, 2008, 159, 847-857. | 1.4 | 34 |
| 77 | Expression of neuropeptide Y and its receptors Y1 and Y2 in the rat heart and its supplying autonomic and spinal sensory ganglia in experimentally induced diabetes. Neuroscience, 2008, 151, 1016-1028. | 1.1 | 31 |
| 78 | Neuropeptide Y Is Expressed by Rat Mononuclear Blood Leukocytes and Strongly Down-Regulated during Inflammation. Journal of Immunology, 2008, 181, 6906-6912. | 0.4 | 30 |
| 79 | Hypoxia-Dependent Regulation of Nonphagocytic NADPH Oxidase Subunit NOX4 in the Pulmonary Vasculature. Circulation Research, 2007, 101, 258-267. | 2.0 | 317 |
| 80 | Expression of the muscle specific caveolin-isoform, cav-3, in mouse sensory neurons. Autonomic Neuroscience: Basic and Clinical, 2007, 135, 69. | 1.4 | 1 |
| 81 | Caveolin-3 and eNOS colocalize and interact in ciliated airway epithelial cells in the rat. International Journal of Biochemistry and Cell Biology, 2007, 39, 615-625. | 1.2 | 17 |
| 82 | Administration of keratinocyte growth factor down-regulates the pulmonary capacity of acetylcholine production. International Journal of Biochemistry and Cell Biology, 2007, 39, 1955-1963. | 1.2 | 6 |
| 83 | Administration of keratinocyte growth factor (KGF) modulates the pulmonary expression of nicotinic acetylcholine receptor subunits Î±7, Î±9 and Î±10. Life Sciences, 2007, 80, 2290-2293. | 2.0 | 15 |
| 84 | Down-regulation of the non-neuronal acetylcholine synthesis and release machinery in acute allergic airway inflammation of rat and mouse. Life Sciences, 2007, 80, 2263-2269. | 2.0 | 59 |
| 85 | Immunohistochemical detection of nicotinic acetylcholine receptor subunits Î±9 and Î±10 in rat lung isografts and allografts. Life Sciences, 2007, 80, 2286-2289. | 2.0 | 10 |
| 86 | Expression of muscarinic and nicotinic acetylcholine receptors in the mouse urothelium. Life Sciences, 2007, 80, 2308-2313. | 2.0 | 86 |
| 87 | Expression and distribution of cholinergic receptors in the human urothelium. Life Sciences, 2007, 80, 2303-2307. | 2.0 | 125 |
| 88 | TRPM5, a taste-signaling transient receptor potential ion-channel, is a ubiquitous signaling component in chemosensory cells. BMC Neuroscience, 2007, 8, 49. | 0.8 | 198 |
| 89 | Acetylcholine and Molecular Components of its Synthesis and Release Machinery in the Urothelium. European Urology, 2007, 51, 1042-1053. | 0.9 | 129 |
| 90 | Caveolin-1 and -2 in airway epithelium: expression and in situ association as detected by FRET-CLSM. Respiratory Research, 2006, 7, 108. | 1.4 | 22 |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | Role of acetylcholine and polyspecific cation transporters in serotonin-induced bronchoconstriction in the mouse. Respiratory Research, 2006, 7, 65. | 1.4 | 68 |
| 92 | Non-neuronal acetylcholine release and its contribution to COPD pathology. Drug Discovery Today Disease Mechanisms, 2006, 3, 47-52. | 0.8 | 10 |
| 93 | Hypobaric hypoxia affects endogenous levels of Î±-keto acids in murine heart ventricles. Biochemical and Biophysical Research Communications, 2006, 342, 935-939. | 1.0 | 11 |
| 94 | FRETâ€“CLSM and double-labeling indirect immunofluorescence to detect close association of proteins in tissue sections. Laboratory Investigation, 2006, 86, 853-864. | 1.7 | 45 |
| 95 | Expression of Nicotinic Acetylcholine Receptors on Murine Alveolar Macrophages. Journal of Molecular Neuroscience, 2006, 30, 107-108. | 1.1 | 43 |
| 96 | Coexpression and Spatial Association of Nicotinic Acetylcholine Receptor Subunits Î±7 and Î±10 in Rat Sympathetic Neurons. Journal of Molecular Neuroscience, 2006, 30, 15-16. | 1.1 | 26 |
| 97 | Nicotinic Acetylcholine Receptors Containing Subunits Î±3 and Î±5 in Rat Nociceptive Dorsal Root Ganglion Neurons. Journal of Molecular Neuroscience, 2006, 30, 55-56. | 1.1 | 17 |
| 98 | Role of Acetylcholine and Muscarinic Receptors in Serotonin-Induced Bronchoconstriction in the Mouse. Journal of Molecular Neuroscience, 2006, 30, 67-68. | 1.1 | 24 |
| 99 | Down-regulation of vasoactive intestinal peptide and altered expression of its receptors in rat diabetic cardiomyopathy. Cell and Tissue Research, 2006, 323, 383-393. | 1.5 | 20 |
| 100 | Hypoxia induces production of nitric oxide and reactive oxygen species in glomus cells of rat carotid body. Cell and Tissue Research, 2006, 325, 3-11. | 1.5 | 35 |
| 101 | Nicotinic acetylcholine receptors in rat and human placenta. Placenta, 2005, 26, 735-746. | 0.7 | 100 |
| 102 | MHC class II antigen-expressing cells in cardiac ganglia of the rat. Cell and Tissue Research, 2005, 319, 37-48. | 1.5 | 1 |
| 103 | Polyspecific Cation Transporters Mediate Luminal Release of Acetylcholine from Bronchial Epithelium. American Journal of Respiratory Cell and Molecular Biology, 2005, 33, 79-88. | 1.4 | 201 |
| 104 | Cardiomyopathy in streptozotocin-induced diabetes involves intra-axonal accumulation of calcitonin gene-related peptide and altered expression of its receptor in rats. Neuroscience, 2005, 134, 51-58. | 1.1 | 27 |
| 105 | Activation of the SPHK/S1P signalling pathway is coupled to muscarinic receptor-dependent regulation of peripheral airways. Respiratory Research, 2005, 6, 48. | 1.4 | 35 |
| 106 | Expression of the cholinergic gene locus in the rat placenta. Histochemistry and Cell Biology, 2004, 122, 121-30. | 0.8 | 26 |
| 107 | Nicotinic receptor mediated stimulation of NO-generation in neurons of rat thoracic dorsal root ganglia. Neuroscience Letters, 2004, 361, 32-35. | 1.0 | 27 |
| 108 | Nicotinic acetylcholine receptor subtypes in nociceptive dorsal root ganglion neurons of the adult rat. Autonomic Neuroscience: Basic and Clinical, 2004, 113, 32-42. | 1.4 | 72 |

| # | Article | IF | Citations |
|---|---|---|---|
| 109 | Nicotinic receptor alpha7-subunits are coupled to the stimulation of nitric oxide synthase in rat dorsal root ganglion neurons. Histochemistry and Cell Biology, 2003, 120, 173-181. | 0.8 | 35 |
| 110 | Expression and distribution of the calcitonin receptor-like receptor in the developing rat heart. Anatomy and Embryology, 2003, 207, 307-315. | 1.5 | 7 |
| 111 | Altered production of nitric oxide and reactive oxygen species in rat nodose ganglion neurons during acute hypoxia. Brain Research, 2003, 961, 1-9. | 1.1 | 44 |
| 112 | Rat arteries contain multiple nicotinic acetylcholine receptor Î±-subunits. Life Sciences, 2003, 72, 2095-2099. | 2.0 | 33 |
| 113 | Expression of the high-affinity choline transporter CHT1 in epithelia. Life Sciences, 2003, 72, 2087-2090. | 2.0 | 20 |
| 114 | Role of Muscarinic Receptor Subtypes in the Constriction of Peripheral Airways: Studies on Receptor-Deficient Mice. Molecular Pharmacology, 2003, 64, 1444-1451. | 1.0 | 104 |
| 115 | Expression of the High-Affinity Choline Transporter, CHT1, in the Rat Trachea. American Journal of Respiratory Cell and Molecular Biology, 2003, 28, 473-477. | 1.4 | 47 |
| 116 | Essential role of complex II of the respiratory chain in hypoxia-induced ROS generation in the pulmonary vasculature. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2003, 284, L710-L719. | 1.3 | 148 |
| 117 | Role of ROS and NO in Hypoxia-induced Increase in Tyrosine Hydroxylase-messenger RNA in PC12 cells. Advances in Experimental Medicine and Biology, 2003, 536, 193-199. | 0.8 | 0 |
| 118 | Subcellular Localization and Function of B-Type Cytochromes in Carotid Body and Other Paraganglionic Cells. Advances in Experimental Medicine and Biology, 2002, 475, 371-375. | 0.8 | 5 |
| 119 | Coexpression of Î±9 and Î±10 nicotinic acetylcholine receptors in rat dorsal root ganglion neurons. Neuroscience, 2002, 115, 1-5. | 1.1 | 108 |
| 120 | Sensory Neurons Respond to Hypoxia with NO Production Associated with Mitochondria. Molecular and Cellular Neurosciences, 2002, 20, 307-322. | 1.0 | 46 |
| 121 | Cellular distribution of oxygen sensor candidates?Oxidases, cytochromes, K+-channels?in the carotid body. Microscopy Research and Technique, 2002, 59, 234-242. | 1.2 | 16 |
| 122 | Multiple nicotinic acetylcholine receptor Î±-subunits are expressed in the arterial system of the rat. Histochemistry and Cell Biology, 2002, 118, 441-447. | 0.8 | 43 |
| 123 | Transient expression of vanilloid receptor subtypeÂ1 in rat cardiomyocytes during development. Histochemistry and Cell Biology, 2001, 116, 223-225. | 0.8 | 28 |
| 124 | Immunohistochemical detection of calcitonin gene-related peptide receptor (CGRPR)â€“1 in the endothelium of human coronary artery and bronchial blood vessels. Neuropeptides, 2001, 35, 58-64. | 0.9 | 32 |
| 125 | NOSIP, a novel modulator of endothelial nitric oxide synthase activity. FASEB Journal, 2001, 15, 79-89. | 0.2 | 164 |
| 126 | Immunostaining and Laser-Assisted Cell Picking for mRNA Analysis. Laboratory Investigation, 2000, 80, 327-333. | 1.7 | 57 |

| # | Article | IF | Citations |
|---|---|---|---|
| 127 | Macrophages: a major source of cytochrome b558 in the rat carotid body. Brain Research, 2000, 852, 349-354. | 1.1 | 32 |
| 128 | Expression of the cholinergic gene locus in pulmonary arterial endothelial cells. Histochemistry and Cell Biology, 2000, 113, 379-387. | 0.8 | 43 |
| 129 | NADPH oxidase subunits and superoxide production in porcine pulmonary artery endothelial cells. Histochemistry and Cell Biology, 2000, 114, 29-37. | 0.8 | 52 |
| 130 | M2-Receptor Subtype Does Not Mediate Muscarine-Induced Increases in [Ca2+]i in Nociceptive Neurons of Rat Dorsal Root Ganglia. Journal of Neurophysiology, 2000, 84, 1934-1941. | 0.9 | 30 |
| 131 | Cytochrome b558 (p22phox) in the guinea-pig adrenal medulla. , 1999, 47, 215-220. | | 3 |
| 132 | Smooth muscle cells are the site of neurokinin-1 receptor localization in the arterial supply of the rat sciatic nerve. Neuroscience Letters, 1999, 259, 119-122. | 1.0 | 12 |
| 133 | Muscarinic M2-receptors in rat thoracic dorsal root ganglia. Neuroscience Letters, 1999, 266, 177-180. | 1.0 | 24 |
| 134 | Hypoxic upregulation of tyrosine hydroxylase gene expression is paralleled, but not induced, by increased generation of reactive oxygen species in PC12 cells. FEBS Letters, 1999, 457, 53-56. | 1.3 | 36 |
| 135 | Rat sensory neurons contain cytochrome b558 large subunit immunoreactivity. NeuroReport, 1999, 10, 2615-2617. | 0.6 | 14 |
| 136 | Evidence for an esophageal origin of VIP-IR and NO synthase-IR nerves innervating the guinea pig trachealis: A retrograde neuronal tracing and immunohistochemical analysis. , 1998, 394, 326-334. | | 52 |
| 137 | Rat cardiac neurons express the non-coding R-exon (exon 1) of the cholinergic gene locus. NeuroReport, 1998, 9, 2209-2212. | 0.6 | 19 |
| 138 | Nociceptin and its receptor in guinea-pig sympathetic ganglia. Neuroscience Letters, 1997, 234, 35-38. | 1.0 | 19 |
| 139 | Innervation pattern of guinea pig pulmonary vasculature depends on vascular diameter. Journal of Applied Physiology, 1997, 82, 426-434. | 1.2 | 43 |
| 140 | Cobalt and desferrioxamine reveal crucial members of the oxygen sensing pathway in HepG2 cells. Kidney International, 1997, 51, 483-491. | 2.6 | 77 |
| 141 | Cytochrome b 558 and hydrogen peroxide production in small intensely fluorescent cells of sympathetic ganglia. Histochemistry and Cell Biology, 1997, 107, 151-158. | 0.8 | 8 |
| 142 | Heme oxygenase-2 in primary afferent neurons of the guinea-pig. Histochemistry and Cell Biology, 1996, 105, 453-458. | 0.8 | 20 |
| 143 | Î²2-Adrenoreceptor immunoreactivity in cardiac ganglia of the guinea pig. The Histochemical Journal, 1996, 28, 827-833. | 0.6 | 7 |
| 144 | Localization, regulation and functions of neurotransmitters and neuromodulators in cervical sympathetic ganglia. Microscopy Research and Technique, 1996, 35, 44-68. | 1.2 | 47 |

| # | Article | IF | Citations |
|---|---|---|---|
| 145 | Plasticity of the Afferent Innervation of the Airways. Pulmonary Pharmacology, 1995, 8, 169-172. | 0.5 | 3 |
| 146 | Nitric oxide synthase in guinea pig sympathetic ganglia: Correlation with tyrosine hydroxylase and neuropeptides. Histochemistry and Cell Biology, 1995, 104, 21-28. | 0.8 | 28 |
| 147 | Immunohistochemical demonstration of four subunits of neutrophil NAD(P)H oxidase in type I cells of carotid body. Journal of Applied Physiology, 1995, 78, 1904-1909. | 1.2 | 87 |
| 148 | Innervation of Epi- and Endoneurial Compartments of Rat Facial, Vagus and Sciatic Nerves as Studied by Double-Labeling Immunofluorescence. Cells Tissues Organs, 1994, 149, 264-271. | 1.3 | 7 |
| 149 | Effect of catecholamine depletion and denervation on neuropeptide Y(NPY) and tyrosine-hydroxylase (TH) mRNA levels in rat sympathetic ganglia. Experimental and Clinical Endocrinology and Diabetes, 1994, 102, 54-59. | 0.6 | 15 |
| 150 | Light-and Electronmicroscopical Immunohistochemical Investigation of the Innervation of the Human Carotid Body. Advances in Experimental Medicine and Biology, 1993, 337, 67-71. | 0.8 | 3 |
| 151 | Nitric oxide synthase in VIP-containing vasodilator nerve fibres in the Guineapig. NeuroReport, 1992, 3, 653. | 0.6 | 145 |
| 152 | The sensory and sympathetic innervation of guinea-pig lung and trachea as studied by retrograde neuronal tracing and double-labelling immunohistochemistry. Neuroscience, 1992, 49, 715-737. | 1.1 | 277 |
| 153 | Chemoreceptor A-fibres in the human carotid body contain tyrosine hydroxylase and neurofilament immunoreactivity. Neuroscience, 1992, 47, 713-725. | 1.1 | 27 |
| 154 | Tissue distribution of neutral endopeptidase 24.11 (â€˜enkephalinaseâ€™) activity in guinea pig trachea. Neuropeptides, 1991, 18, 181-186. | 0.9 | 26 |
| 155 | Catecholamines and catecholamine-synthesizing enzymes in guinea-pig sensory ganglia. Cell and Tissue Research, 1990, 261, 595-606. | 1.5 | 87 |
| 156 | Three types of neurochemically defined autonomic fibres innervate the carotid baroreceptor and chemoreceptor regions in the guinea-pig. Anatomy and Embryology, 1990, 181, 477-489. | 1.5 | 18 |
| 157 | Simultaneous immunohistochemical demonstration of vasoactive intestinal polypeptide and its receptor in human colon. The Histochemical Journal, 1990, 22, 249-256. | 0.6 | 7 |
| 158 | Neuronal pathways in the guinea-pig lumbar sympathetic ganglia as revealed by immunohistochemistry. Histochemistry, 1990, 93, 547-557. | 1.9 | 37 |
| 159 | Vagal paraganglia of the rat. Journal of Electron Microscopy Technique, 1989, 12, 343-355. | 1.1 | 33 |
| 160 | Ultrastructure of calcitonin gene-related peptide-and substance P-like immunoreactive nerve fibres in the carotid body and carotid sinus of the guinea pig. Histochemistry, 1989, 92, 433-439. | 1.9 | 37 |
| 161 | Carcinoid tumors of the thymus. An immunohistochemical study. Cancer, 1987, 60, 2465-2470. | 2.0 | 56 |
| 162 | Immunohistochemical evidence for extrinsic and intrinsic opioid systems in the guinea pig superior cervical ganglion. Anatomy and Embryology, 1986, 174, 401-405. | 1.5 | 33 |