# Rolf K Reed

List of Publications by Year
in descending order



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|---|---|---|---|
| 191 papers | 6,397 citations | 70961 41 h-index | 85405 71 g-index |
| 192 all docs | 192 docs citations | 192 times ranked | 4905 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Interstitial-lymphatic mechanisms in the control of extracellular fluid volume. Physiological Reviews, 1993, 73, 1-78. | 13.1 | 826 |
| 2 | Vasostatins, Comprising the N-terminal Domain of Chromogranin A, Suppress Tension in Isolated Human Blood Vessel Segments. Journal of Neuroendocrinology, 1993, 5, 405-412. | 1.2 | 179 |
| 3 | Interstitial fluid pressure in rats measured with a modified wick technique. Microvascular Research, 1977, 14, 27-36. | 1.1 | 177 |
| 4 | Platelet-derived growth factor beta receptor regulates interstitial fluid homeostasis through phosphatidylinositol-3' kinase signaling. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 11410-11415. | 3.3 | 169 |
| 5 | Hyaluronan in the rat with special reference to the skin. Acta Physiologica Scandinavica, 1988, 134, 405-411. | 2.3 | 155 |
| 6 | Transcapillary exchange: role and importance of the interstitial fluid pressure and the extracellular matrix. Cardiovascular Research, 2010, 87, 211-217. | 1.8 | 147 |
| 7 | Pathogenesis of edema formation in burn injuries. World Journal of Surgery, 1992, 16, 2-9. | 0.8 | 139 |
| 8 | New and active role of the interstitium in control of interstitial fluid pressure: potential therapeutic consequences. Acta Anaesthesiologica Scandinavica, 2003, 47, 111-121. | 0.7 | 127 |
| 9 | A novel physiological function for plateletâ€derived growth factorâ€BB in rat dermis.. Journal of Physiology, 1996, 495, 193-200. | 1.3 | 115 |
| 10 | Blockade of beta 1-integrins in skin causes edema through lowering of interstitial fluid pressure.. Circulation Research, 1992, 71, 978-983. | 2.0 | 111 |
| 11 | Lowering of tumor interstitial fluid pressure specifically augments efficacy of chemotherapy. FASEB Journal, 2003, 17, 1756-1758. | 0.2 | 106 |
| 12 | Micropuncture measurement of interstitial fluid pressure in rat subcutis and skeletal muscle: Comparison to wick-in-needle technique. Microvascular Research, 1981, 21, 308-319. | 1.1 | 103 |
| 13 | Demonstration of Ignition Radiation Temperatures in Indirect-Drive Inertial Confinement Fusion Hohlraums. Physical Review Letters, 2011, 106, 085004. | 2.9 | 96 |
| 14 | Albumin concentration and colloid osmotic pressure of interstitial fluid collected by wick technique from rat skeletal muscle. Evaluation of the method. Acta Physiologica Scandinavica, 1981, 112, 1-5. | 2.3 | 93 |
| 15 | Ultrasound Increases Nanoparticle Delivery by Reducing Intratumoral Pressure and Increasing Transport in Epithelial and Epithelialâ€“Mesenchymal Transition Tumors. Cancer Research, 2012, 72, 1485-1493. | 0.4 | 86 |
| 16 | Osmotic properties of the chromogranins and relation to osmotic pressure in catecholamine storage granules. Acta Physiologica Scandinavica, 1985, 123, 21-33. | 2.3 | 82 |
| 17 | Catabolism of hyaluronan in rabbit skin takes place locally, in lymph nodes and liver. Experimental Physiology, 1991, 76, 695-703. | 0.9 | 81 |
| 18 | Targeting the NG2/CSPG4 Proteoglycan Retards Tumour Growth and Angiogenesis in Preclinical Models of GBM and Melanoma. PLoS ONE, 2011, 6, e23062. | 1.1 | 81 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Collagen-binding proteoglycan fibromodulin can determine stroma matrix structure and fluid balance in experimental carcinoma. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 13966-13971. | 3.3 | 80 |
| 20 | Turnover of hyaluronan in the tissues. Advanced Drug Delivery Reviews, 1991, 7, 237-256. | 6.6 | 77 |
| 21 | Catabolism of Hyaluronan in the Knee Joint of the Rabbit. Matrix Biology, 1992, 12, 130-136. | 1.8 | 68 |
| 22 | Compliance of the interstitial space in rats II. Studies on skin. Acta Physiologica Scandinavica, 1981, 113, 307-315. | 2.3 | 66 |
| 23 | Effect of longstanding venous stasis and hypoproteinaemia on lymph flow in the rat tail. Acta Physiologica Scandinavica, 1991, 142, 1-9. | 2.3 | 65 |
| 24 | High dose vitamin C counteracts the negative interstitial fluid hydrostatic pressure and early edema generation in thermally injured rats. Burns, 1999, 25, 569-574. | 1.1 | 65 |
| 25 | Hyperoxic Treatment Induces Mesenchymal-to-Epithelial Transition in a Rat Adenocarcinoma Model. PLoS ONE, 2009, 4, e6381. | 1.1 | 65 |
| 26 | Hyperoxia retards growth and induces apoptosis, changes in vascular density and gene expression in transplanted gliomas in nude rats. Journal of Neuro-Oncology, 2007, 85, 191-202. | 1.4 | 61 |
| 27 | Hyperoxia retards growth and induces apoptosis and loss of glands and blood vessels in DMBA-induced rat mammary tumors. BMC Cancer, 2007, 7, 23. | 1.1 | 60 |
| 28 | Control of interstitial fluid pressure: Role of [beta ]-integrins. Seminars in Nephrology, 2001, 21, 222-230. | 0.6 | 58 |
| 29 | Inhibition of carcinoma cell-derived VEGF reduces inflammatory characteristics in xenograft carcinoma. International Journal of Cancer, 2006, 119, 2795-2802. | 2.3 | 57 |
| 30 | Skin Penetration Time-Profiles for Continuous 810â€‰nm and Superpulsed 904â€‰nm Lasers in a Rat Model. Photomedicine and Laser Surgery, 2012, 30, 688-694. | 2.1 | 57 |
| 31 | Compliance of the interstitial space in rats I. Studies on hindlimb skeletal muscle. Acta Physiologica Scandinavica, 1981, 113, 297-305. | 2.3 | 53 |
| 32 | Lowering of tumoral interstitial fluid pressure by prostaglandin E1 is paralleled by an increased uptake of51Cr-EDTA. , 2000, 86, 636-643. | | 53 |
| 33 | Interference with TGF-?1 and -?3 in tumor stroma lowers tumor interstitial fluid pressure independently of growth in experimental carcinoma. International Journal of Cancer, 2002, 102, 453-462. | 2.3 | 53 |
| 34 | The anti-inflammatory agent alpha-trinositol exerts its edema-preventing effects through modulation of beta 1 integrin function.. Circulation Research, 1994, 75, 942-948. | 2.0 | 52 |
| 35 | Interstitial fluid pressure, composition of interstitium, and interstitial exclusion of albumin in hypothyroid rats. American Journal of Physiology - Heart and Circulatory Physiology, 2000, 278, H1627-H1639. | 1.5 | 52 |
| 36 | Marked increase of plasma hyaluronan after major thermal injury and infusion therapy. Journal of Surgical Research, 1991, 50, 259-265. | 0.8 | 47 |

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|---|---|---|---|
| 37 | Neurogenic inflammation in rat trachea is accompanied by increased negativity of interstitial fluid pressure.. Circulation Research, 1993, 73, 839-845. | 2.0 | 47 |
| 38 | Turnover rate of interstitial albumin in rat skin and skeletal muscle. Effects of limb movements and motor activity. Acta Physiologica Scandinavica, 1985, 125, 711-718. | 2.3 | 45 |
| 39 | Effects of the taxanes paclitaxel and docetaxel on edema formation and interstitial fluid pressure. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 287, H963-H968. | 1.5 | 45 |
| 40 | ALPHA-TRINOSITOL INHIBITS EDEMA GENERATION AND ALBUMIN EXTRAVASATION IN THERMALLY INJURED SKIN. Journal of Trauma, 1994, 36, 761-765. | 2.3 | 45 |
| 41 | Edema and fluid dynamics in connective tissue remodelling. Journal of Molecular and Cellular Cardiology, 2010, 48, 518-523. | 0.9 | 43 |
| 42 | An Estimate of the Climatological Heat Fluxes over the Tropical Pacific Ocean. Journal of Climate and Applied Meteorology, 1985, 24, 833-840. | 1.0 | 41 |
| 43 | Hyperbaric oxygen alone or combined with 5-FU attenuates growth of DMBA-induced rat mammary tumors. Cancer Letters, 2004, 210, 35-40. | 3.2 | 40 |
| 44 | Hyperoxia increases the uptake of 5-fluorouracil in mammary tumors independently of changes in interstitial fluid pressure and tumor stroma. BMC Cancer, 2009, 9, 446. | 1.1 | 39 |
| 45 | Atrial natriuretic peptide modulation of albumin clearance and contrast agent permeability in mouse skeletal muscle and skin: role in regulation of plasma volume. Journal of Physiology, 2010, 588, 325-339. | 1.3 | 39 |
| 46 | Platelet-Derived Growth Factor BBâ€“Mediated Normalization of Dermal Interstitial Fluid Pressure After Mast Cell Degranulation Depends on Î²3 but Not Î²1 Integrins. Circulation Research, 2006, 98, 635-641. | 2.0 | 38 |
| 47 | Combined Anti-Angiogenic Therapy Targeting PDGF and VEGF Receptors Lowers the Interstitial Fluid Pressure in a Murine Experimental Carcinoma. PLoS ONE, 2009, 4, e8149. | 1.1 | 38 |
| 48 | Oxygen-dependent regulation of tumor growth and metastasis in human breast cancer xenografts. PLoS ONE, 2017, 12, e0183254. | 1.1 | 38 |
| 49 | Differential cytokine response in interstitial fluid in skin and serum during experimental inflammation in rats. Journal of Physiology, 2004, 556, 193-202. | 1.3 | 36 |
| 50 | Increased microvascular permeability in mice lacking Epac1 (Rapgef3). Acta Physiologica, 2017, 219, 441-452. | 1.8 | 36 |
| 51 | Interstitial fluid volume, colloid osmotic and hydrostatic pressures in rat skeletal muscle. Effect of venous stasis and muscle activity. Acta Physiologica Scandinavica, 1981, 112, 7-17. | 2.3 | 35 |
| 52 | Chromogranin A: osmotically active fragments and their susceptibility to proteolysis during lysis of the bovine chromaffin granules. Acta Physiologica Scandinavica, 1990, 138, 565-574. | 2.3 | 34 |
| 53 | Increased negativity of interstitial fluid pressure in rat trachea in dextran anaphylaxis. Journal of Applied Physiology, 1992, 72, 53-57. | 1.2 | 34 |
| 54 | Mutation in the Heparan Sulfate Biosynthesis Enzyme EXT1 Influences Growth Factor Signaling and Fibroblast Interactions with the Extracellular Matrix. Journal of Biological Chemistry, 2009, 284, 34935-34943. | 1.6 | 34 |

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| 55 | Turnover of Hyaluronan in the Microcirculation. The American Review of Respiratory Disease, 1992, 146, S37-S39. | 2.9 | 33 |
| 56 | A â€˜newâ€™ mechanism for oedema generation: strongly negative interstitial fluid pressure causes rapid fluid flow into thermally injured skin. Acta Physiologica Scandinavica, 1987, 129, 433-435. | 2.3 | 32 |
| 57 | Cell Interactions with Collagen MatricesIn VivoandIn VitroDepend on Phosphatidylinositol 3-Kinase and Free Cytoplasmic Calcium. Cell Adhesion and Communication, 1998, 5, 461-473. | 1.7 | 32 |
| 58 | Transport of fluid and solutes in the body I. Formulation of a mathematical model. American Journal of Physiology - Heart and Circulatory Physiology, 1999, 277, H1215-H1227. | 1.5 | 32 |
| 59 | Different Serotypes Of Endotoxin (Lipopolysaccharide) Cause Different Increases in Albumin Extravasation in Rats. Shock, 2002, 18, 138-141. | 1.0 | 32 |
| 60 | Longitudinal Investigation of Permeability and Distribution of Macromolecules in Mouse Malignant Transformation Using PET. Clinical Cancer Research, 2011, 17, 550-559. | 3.2 | 32 |
| 61 | A model of human microvascular exchange: parameter estimation based on normals and nephrotics. Computer Methods and Programs in Biomedicine, 1993, 41, 33-54. | 2.6 | 31 |
| 62 | A Model of Human Microvascular Exchange. Microvascular Research, 1995, 49, 141-162. | 1.1 | 30 |
| 63 | Interstitial exclusion of albumin in rat dermis and subcutis in over- and dehydration. American Journal of Physiology - Heart and Circulatory Physiology, 1989, 257, H1819-H1827. | 1.5 | 29 |
| 64 | Single-Channel Blind Estimation of Arterial Input Function and Tissue Impulse Response in DCE-MRI. IEEE Transactions on Biomedical Engineering, 2012, 59, 1012-1021. | 2.5 | 29 |
| 65 | Effect of PGE1, PGI2, and PGF2Î± analogs on collagen gel compaction in vitro and interstitial pressure in vivo. American Journal of Physiology - Heart and Circulatory Physiology, 1998, 274, H663-H671. | 1.5 | 27 |
| 66 | Matrix Metalloproteinase-2 Knockout and Heterozygote Mice Are Protected from Hydronephrosis and Kidney Fibrosis after Unilateral Ureteral Obstruction. PLoS ONE, 2015, 10, e0143390. | 1.1 | 27 |
| 67 | Interstitial colloid osmotic and hydrostatic pressures in subcutaneous tissue of human thorax. Microvascular Research, 1982, 24, 104-113. | 1.1 | 26 |
| 68 | Transcapillary albumin extravasation in rat skin and skeletal muscle: effect of increased venous pressure. Acta Physiologica Scandinavica, 1988, 134, 375-382. | 2.3 | 26 |
| 69 | Neurogenic inflammation and lowering of interstitial fluid pressure in rat trachea is inhibited by alpha-trinositol.. American Journal of Respiratory and Critical Care Medicine, 1994, 150, 924-928. | 2.5 | 25 |
| 70 | Cytochalasin D induces edema formation and lowering of interstitial fluid pressure in rat dermis. American Journal of Physiology - Heart and Circulatory Physiology, 2001, 281, H7-H13. | 1.5 | 25 |
| 71 | Phosphodiesterase 4 inhibition attenuates atrial natriuretic peptideâ€induced vascular hyperpermeability and loss of plasma volume. Journal of Physiology, 2011, 589, 341-353. | 1.3 | 25 |
| 72 | Measurement of interstitial fluid pressure: Comparison of methods. Annals of Biomedical Engineering, 1986, 14, 139-151. | 1.3 | 24 |

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| 73 | Transcapillary colloid osmotic pressures in injured and non-injured skin of seriously burned patients. Burns, 1987, 13, 198-203. | 1.1 | 23 |
| 74 | Mechanisms behind increased dermal imbibition pressure in acute burn edema. American Journal of Physiology - Heart and Circulatory Physiology, 1989, 256, H940-H948. | 1.5 | 23 |
| 75 | Increased negativity of interstitial fluid pressure during the onset stage of inflammatory edema in rat skin. American Journal of Physiology - Heart and Circulatory Physiology, 1991, 260, H1985-H1991. | 1.5 | 23 |
| 76 | Albumin transport across pulmonary capillary-interstitial barrier in anesthetized dogs. Journal of Applied Physiology, 1991, 70, 2104-2110. | 1.2 | 23 |
| 77 | Remodeling of lung interstitium but not resistance vessels in canine pacing-induced heart failure. Journal of Applied Physiology, 1999, 87, 1823-1830. | 1.2 | 23 |
| 78 | Burn Depth Affects Dermal Interstitial Fluid Pressure, Free Radical Production, and Serum Histamine Levels in Rats. Journal of Trauma, 2002, 52, 683-687. | 2.3 | 23 |
| 79 | Corticotropin-releasing hormone inhibits lowering of interstitial pressure in rat trachea after neurogenic inflammation. European Journal of Pharmacology, 1998, 352, 99-102. | 1.7 | 22 |
| 80 | Fibroblast Î±11Î²1 Integrin Regulates Tensional Homeostasis in Fibroblast/A549 Carcinoma Heterospheroids. PLoS ONE, 2014, 9, e103173. | 1.1 | 22 |
| 81 | Fibroblast EXT1-Levels Influence Tumor Cell Proliferation and Migration in Composite Spheroids. PLoS ONE, 2012, 7, e41334. | 1.1 | 21 |
| 82 | An implantable colloid osmometer. Microvascular Research, 1979, 18, 83-94. | 1.1 | 20 |
| 83 | Increased negativity of interstitial fluid pressure contributes to development of oedema in rat skin following application of xylene. Acta Physiologica Scandinavica, 1990, 140, 581-586. | 2.3 | 20 |
| 84 | Effect of ??-Trinositol on Interstitial Fluid Pressure, Edema Generation, and Albumin Extravasation After Ischemia???Reperfusion Injury in Rat Hind Limb. Shock, 2003, 20, 149-153. | 1.0 | 20 |
| 85 | Arterial damage precedes the development of interstitial damage in the nonclipped kidney of two-kidney, one-clip hypertensive rats. Journal of Hypertension, 2013, 31, 152-159. | 0.3 | 20 |
| 86 | Thermal skin injury: Effect of fluid therapy on the transcapillary colloid osmotic gradient. Journal of Surgical Research, 1991, 50, 272-278. | 0.8 | 19 |
| 87 | Estimation of total body fluid shifts between plasma and interstitium in man during extracorporeal circulation. Acta Anaesthesiologica Scandinavica, 1992, 36, 255-259. | 0.7 | 19 |
| 88 | Flow conductivity of rat dermis is determined by hydration. Biorheology, 1995, 32, 17-27. | 1.2 | 19 |
| 89 | Continuous measurements of plasma protein extravasation with microdialysis after various inflammatory challenges in rat and mouse skin. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 286, H108-H112. | 1.5 | 19 |
| 90 | A novel function of insulin in rat dermis. Journal of Physiology, 2004, 559, 583-591. | 1.3 | 18 |

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| 91 | Integrin Î±11Î²1 is expressed in breast cancer stroma and associates with aggressive tumor phenotypes. Journal of Pathology: Clinical Research, 2020, 6, 69-82. | 1.3 | 18 |
| 92 | A telemetric technique for studies of venous pressure in the human leg during different positions and activities. Clinical Physiology, 1983, 3, 573-576. | 0.7 | 17 |
| 93 | Transcapillary extravasation rate of albumin in rat skeletal muscle. Effect of motor activity. Acta Physiologica Scandinavica, 1985, 125, 719-725. | 2.3 | 17 |
| 94 | Increased hyaluronan flux from skin following burn injury. Journal of Surgical Research, 1991, 50, 240-244. | 0.8 | 17 |
| 95 | Transport of fluid and solutes in the body II. Model validation and implications. American Journal of Physiology - Heart and Circulatory Physiology, 1999, 277, H1228-H1240. | 1.5 | 17 |
| 96 | Interstitial Fluid Pressure Surrounding Rat Mesenteric Venules During Changes in Fluid Filtration. Experimental Physiology, 2001, 86, 33-38. | 0.9 | 17 |
| 97 | Hyaluronan in prenodal lymph from skin: changes with lymph flow. American Journal of Physiology - Heart and Circulatory Physiology, 1990, 259, H1097-H1100. | 1.5 | 16 |
| 98 | Hyaluronan efflux from canine lung with increased hydrostatic pressure and saline loading.. American Journal of Respiratory and Critical Care Medicine, 1994, 150, 1605-1611. | 2.5 | 16 |
| 99 | A model of fluid resuscitation following burn injury: formulation and parameter estimation. Computer Methods and Programs in Biomedicine, 1995, 47, 1-19. | 2.6 | 16 |
| 100 | A Secreted Collagen- and Fibronectin-binding Streptococcal Protein Modulates Cell-mediated Collagen Gel Contraction and Interstitial Fluid Pressure. Journal of Biological Chemistry, 2008, 283, 1234-1242. | 1.6 | 16 |
| 101 | Proteomic analysis of formalin-fixed paraffin-embedded glomeruli suggests depletion of glomerular filtration barrier proteins in two-kidney, one-clip hypertensive rats. Nephrology Dialysis Transplantation, 2014, 29, 2217-2227. | 0.4 | 16 |
| 102 | Protein expression profiling of plasma and lungs at different stages of metastatic development in a human triple negative breast cancer xenograft model. PLoS ONE, 2019, 14, e0215909. | 1.1 | 16 |
| 103 | Permeability-surface area product and reflection coefficient of the parietal pleura in dogs. Journal of Applied Physiology, 1991, 71, 2543-2547. | 1.2 | 15 |
| 104 | Turnover of hyaluronan in the rabbit pleural space. Journal of Applied Physiology, 1992, 73, 1457-1460. | 1.2 | 15 |
| 105 | Effect of Î±-trinositol on interstitial fluid pressure, oedema generation and albumin extravasation in experimental frostbite in the rat. British Journal of Pharmacology, 1999, 126, 1367-1374. | 2.7 | 14 |
| 106 | A model of fluid and solute exchange in the human: validation and implications. Acta Physiologica Scandinavica, 2000, 170, 201-209. | 2.3 | 14 |
| 107 | Gene expression in tumor cells and stroma in dsRed 4T1 tumors in eGFP-expressing mice with and without enhanced oxygenation. BMC Cancer, 2012, 12, 21. | 1.1 | 14 |
| 108 | Elevated hyaluronan blood concentrations in severely burned patients. Scandinavian Journal of Clinical and Laboratory Investigation, 1991, 51, 693-697. | 0.6 | 13 |

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| 109 | Effect of tumor necrosis factor-Î±, IL-1Î², and IL-6 on interstitial fluid pressure in rat skin. American Journal of Physiology - Heart and Circulatory Physiology, 1999, 277, H1857-H1862. | 1.5 | 13 |
| 110 | Imageâ€based assessment of microvascular function and structure in collagen XVâ€•and XVIIIâ€deficient mice. Journal of Physiology, 2014, 592, 325-336. | 1.3 | 13 |
| 111 | Unilateral renal ischaemia in rats induces a rapid secretion of inflammatory markers to renal lymph and increased capillary permeability. Journal of Physiology, 2016, 594, 1709-1726. | 1.3 | 13 |
| 112 | Increased Fibrosis and Interstitial Fluid Pressure in Two Different Types of Syngeneic Murine Carcinoma Grown in Integrin Î²3-Subunit Deficient Mice. PLoS ONE, 2012, 7, e34082. | 1.1 | 13 |
| 113 | Volume-pressure relationship (compliance) of interstitium in dog skin and muscle. American Journal of Physiology - Heart and Circulatory Physiology, 1987, 253, H291-H298. | 1.5 | 12 |
| 114 | Increased Negativity of Interstitial Fluid Pressure in Rat Skin Contributes to the Edema Formation Induced by Zymosan. Microvascular Research, 1993, 46, 283-292. | 1.1 | 12 |
| 115 | Lowering of interstitial fluid pressure will enhance edema in trachea of albumin-sensitized rats.. American Journal of Respiratory and Critical Care Medicine, 1996, 153, 1347-1352. | 2.5 | 12 |
| 116 | Integrins and Control of Interstitial Fluid Pressure. Physiology, 1997, 12, 42-49. | 1.6 | 12 |
| 117 | Preliminary Model of Fluid and Solute Distribution and Transport During Hemorrhage. Annals of Biomedical Engineering, 2003, 31, 823-839. | 1.3 | 12 |
| 118 | Integrin Î±vÎ²3 acts downstream of insulin in normalization of interstitial fluid pressure in sepsis and in cell-mediated collagen gel contraction. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 295, H555-H560. | 1.5 | 12 |
| 119 | Interstitial fluid volume, colloid osmotic and hydrostatic pressures in rat skeletal muscle. Effect of hypoproteinemia. Acta Physiologica Scandinavica, 1981, 112, 141-147. | 2.3 | 11 |
| 120 | Lymphatic Hyaluronan Flux from Skin Increases during Increased Lymph Flow Induced by Intravenous Saline Loading. International Journal of Microcirculation, Clinical and Experimental, 1994, 14, 56-61. | 0.6 | 11 |
| 121 | Dynorphin A(6-12) Analogs Suppress Thermal Edema. Peptides, 1998, 19, 767-775. | 1.2 | 11 |
| 122 | Dermal Fibroblast Morphology is Affected by Stretching and not by C48/80. Connective Tissue Research, 2001, 42, 235-244. | 1.1 | 11 |
| 123 | Highâ€dose, shortâ€term, antiâ€inflammatory treatment with dexamethasone reduces growth and augments the effects of 5â€fluorouracil on dimethylâ€Î±â€benzanthraceneâ€induced mammary tumors in rats. Scandinavian Journal of Clinical and Laboratory Investigation, 2006, 66, 477-486. | 0.6 | 11 |
| 124 | Stromal Integrin Î±11Î²1 Affects RM11 Prostate and 4T1 Breast Xenograft Tumors Differently. PLoS ONE, 2016, 11, e0151663. | 1.1 | 11 |
| 125 | Transcapillary fluid balance in immature rats. Interstitial fluid pressure, serum and interstitial protein concentration, and colloid osmotic pressure. Microvascular Research, 1977, 14, 37-43. | 1.1 | 10 |
| 126 | Membrane dopamine Î²-hydroxylase: a precursor for the soluble enzyme in the bovine adrenal medulla. International Journal of Biochemistry & Cell Biology, 1984, 16, 641-650. | 0.8 | 10 |

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|---|---|---|---|
| 127 | Intravenous saline infusion in rat increases hyaluronan efflux in intestinal lymph by increasing lymph flow. Acta Physiologica Scandinavica, 1993, 147, 329-335. | 2.3 | 10 |
| 128 | Hyaluronan turnover in the rat small intestine. Acta Physiologica Scandinavica, 1993, 149, 237-244. | 2.3 | 10 |
| 129 | Increased lymphatic hyaluronan output and preserved hyaluronan content of the rat small intestine in prolonged hypoproteinaemia. Acta Physiologica Scandinavica, 1994, 152, 51-56. | 2.3 | 10 |
| 130 | Î±-Trinositol prevents increased negativity of interstitial fluid pressure in rat skin and trachea induced by dextran anaphylaxis. European Journal of Pharmacology, 1997, 331, 259-266. | 1.7 | 10 |
| 131 | Lowering of interstitial fluid pressure after neurogenic inflammation is inhibited by mystixin-7 peptide. American Journal of Physiology - Heart and Circulatory Physiology, 2000, 279, H1377-H1382. | 1.5 | 10 |
| 132 | Mathematical model of renal elimination of fluid and small ions during hyper- and hypovolemic conditions. Acta Anaesthesiologica Scandinavica, 2003, 47, 122-137. | 0.7 | 10 |
| 133 | Phosphodiesterase 4 inhibition attenuates plasma volume loss and transvascular exchange in volumeâ€expanded mice. Journal of Physiology, 2012, 590, 309-322. | 1.3 | 10 |
| 134 | Imatinib increases oxygen delivery in extracellular matrix-rich but not in matrix-poor experimental carcinoma. Journal of Translational Medicine, 2017, 15, 47. | 1.8 | 10 |
| 135 | Dextran 70 versus donor plasma as colloid in open-heart surgery under extreme haemodilution. Scandinavian Journal of Clinical and Laboratory Investigation, 1985, 45, 269-274. | 0.6 | 9 |
| 136 | The relationship between interstitial fluid pressure and volume in rat trachea. Acta Physiologica Scandinavica, 1996, 156, 69-74. | 2.3 | 9 |
| 137 | Alloxan diabetes abolishes the increased negativity of interstitial fluid pressure in rat trachea induced by vagal nerve stimulation. Acta Physiologica Scandinavica, 1997, 161, 113-119. | 2.3 | 9 |
| 138 | Stromal integrin Î±11-deficiency reduces interstitial fluid pressure and perturbs collagen structure in triple-negative breast xenograft tumors. BMC Cancer, 2019, 19, 234. | 1.1 | 9 |
| 139 | Compliance of the interstitial space in rats. Acta Physiologica Scandinavica, 1984, 121, 57-63. | 2.3 | 8 |
| 140 | Interstitial fluid accumulation does not influence oxygen uptake in the rabbit small intestine. Acta Anaesthesiologica Scandinavica, 1995, 39, 167-173. | 0.7 | 8 |
| 141 | Pressure-volume relationship for rat dermis: compression studies. Acta Physiologica Scandinavica, 1997, 160, 89-94. | 2.3 | 8 |
| 142 | Effect of the Cytoskeletal Fixation Agent Phalloidin on Transcapillary Albumin Transport and Interstitial Fluid Pressure in Anaphylaxis in the Wistar Rat. Microcirculation, 2002, 9, 197-205. | 1.0 | 8 |
| 143 | Changes in plasma protein extravasation in rat skin during inflammatory challenges evaluated by microdialysis. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 290, H2108-H2115. | 1.5 | 8 |
| 144 | Interstitial compliance and transcapillary fluid balance in renal hypertensive rats. Acta Physiologica Scandinavica, 1986, 127, 407-417. | 2.3 | 7 |

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|---|---|---|---|
| 145 | Lymphatic transport and organ uptake of gelatin and hyaluronan injected into the rat mesentery. Acta Physiologica Scandinavica, 1995, 153, 51-60. | 2.3 | 7 |
| 146 | CGRP, but not substance P, induces an increased negativity of the interstitial fluid pressure in rat trachea. Acta Physiologica Scandinavica, 1997, 161, 411-418. | 2.3 | 7 |
| 147 | Effect of Î±-trinositol on carrageenan-induced rat paw edema and lowering of interstitial fluid pressure. European Journal of Pharmacology, 1999, 376, 279-284. | 1.7 | 7 |
| 148 | Lactoferrin and anti-lactoferrin antibodies: Effects of ironloading of lactoferrin on albumin extravasation in different tissues in rats. Acta Physiologica Scandinavica, 2000, 170, 11-19. | 2.3 | 7 |
| 149 | PGE1 induced transcapillary transport of 51 Cr-EDTA in rat skin measured by microdialysis. Acta Physiologica Scandinavica, 2002, 176, 269-274. | 2.3 | 7 |
| 150 | Fluid pressure in human dermal fibroblast aggregates measured with micropipettes. American Journal of Physiology - Cell Physiology, 2003, 285, C1101-C1108. | 2.1 | 7 |
| 151 | Neurogenic inflammation in mice deficient in heparin-synthesizing enzyme. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 286, H884-H888. | 1.5 | 7 |
| 152 | Epac1 â^'/â^' mice have elevated baseline permeability and do not respond to histamine as measured with dynamic contrastâ€enhanced magnetic resonance imaging with contrast agents of different molecular weights. Acta Physiologica, 2019, 225, e13199. | 1.8 | 7 |
| 153 | Effect of increased interstitial fluid flux on fractional catabolic rate of high molecular weight [3 H]hyaluronan injected in rabbit skin. Acta Physiologica Scandinavica, 1996, 156, 93-98. | 2.3 | 6 |
| 154 | Simultaneous Measurement of Interstitial Fluid Pressure and Load in Rat Skin After Strain Application In Vitro. Annals of Biomedical Engineering, 2003, 31, 1246-1254. | 1.3 | 6 |
| 155 | Lowering of interstitial fluid pressure after neurogenic inflammation in mouse skin is partly dependent on mast cells. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 292, H1821-H1827. | 1.5 | 6 |
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