Rolf K Reed

List of Publications by Year
in descending order

191	6,397	71102	85541
papers	citations	41 h-index	71 g-index

192	192	192	4905
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Interstitial-lymphatic mechanisms in the control of extracellular fluid volume. Physiological Reviews, 1993, 73, 1-78.	28.8	826
2	Vasostatins, Comprising the Nâ€terminal Domain of Chromogranin A, Suppress Tension in Isolated Human Blood Vessel Segments. Journal of Neuroendocrinology, 1993, 5, 405-412.	2.6	179
3	Interstitial fluid pressure in rats measured with a modified wick technique. Microvascular Research, 1977, 14, 27-36.	2.5	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.	7.1	169
5	Hyaluronan in the rat with special reference to the skin. Acta Physiologica Scandinavica, 1988, 134, 405-411.	2.2	155
6	Transcapillary exchange: role and importance of the interstitial fluid pressure and the extracellular matrix. Cardiovascular Research, 2010, 87, 211-217.	3.8	147
7	Pathogenesis of edema formation in burn injuries. World Journal of Surgery, 1992, 16, 2-9.	1.6	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.	1.6	127
9	A novel physiological function for plateletâ€derived growth factorâ€BB in rat dermis.. Journal of Physiology, 1996, 495, 193-200.	2.9	115
10	Blockade of beta 1-integrins in skin causes edema through lowering of interstitial fluid pressure.. Circulation Research, 1992, 71, 978-983.	4.5	111
11	Lowering of tumor interstitial fluid pressure specifically augments efficacy of chemotherapy. FASEB Journal, 2003, 17, 1756-1758.	0.5	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.	2.5	103
13	Demonstration of Ignition Radiation Temperatures in Indirect-Drive Inertial Confinement Fusion Hohlraums. Physical Review Letters, 2011, 106, 085004.	7.8	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.	2.2	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.	0.9	86
16	Osmotic properties of the chromogranins and relation to osmotic pressure in catecholamine storage granules. Acta Physiologica Scandinavica, 1985, 123, 21-33.	2.2	82
17	Catabolism of hyaluronan in rabbit skin takes place locally, in lymph nodes and liver. Experimental Physiology, 1991, 76, 695-703.	2.0	81
18	Targeting the NG2/CSPG4 Proteoglycan Retards Tumour Growth and Angiogenesis in Preclinical Models of GBM and Melanoma. PLoS ONE, 2011, 6, e23062.	2.5	81

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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.	7.1	80
20	Turnover of hyaluronan in the tissues. Advanced Drug Delivery Reviews, 1991, 7, 237-256.	13.7	77
21	Catabolism of Hyaluronan in the Knee Joint of the Rabbit. Matrix Biology, 1992, 12, 130-136.	1.7	68
22	Compliance of the interstitial space in rats II. Studies on skin. Acta Physiologica Scandinavica, 1981, 113, 307-315.	2.2	66
23	Effect of longstanding venous stasis and hypoproteinaemia on lymph flow in the rat tail. Acta Physiologica Scandinavica, 1991, 142, 1-9.	2.2	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.	1.9	65
25	Hyperoxic Treatment Induces Mesenchymal-to-Epithelial Transition in a Rat Adenocarcinoma Model. PLoS ONE, 2009, 4, e6381.	2.5	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.	2.9	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.	2.6	60
28	Control of interstitial fluid pressure: Role of [beta]-integrins. Seminars in Nephrology, 2001, 21, 222-230.	1.6	58
29	Inhibition of carcinoma cell-derived VEGF reduces inflammatory characteristics in xenograft carcinoma. International Journal of Cancer, 2006, 119, 2795-2802.	5.1	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.	2.0	57
31	Compliance of the interstitial space in rats I. Studies on hindlimb skeletal muscle. Acta Physiologica Scandinavica, 1981, 113, 297-305.	2.2	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.	5.1	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.	4.5	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.	3.2	52
36	Marked increase of plasma hyaluronan after major thermal injury and infusion therapy. Journal of Surgical Research, 1991, 50, 259-265.	1.6	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.	4.5	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.	2.2	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.	3.2	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.	1.9	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.	7.2	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.	2.6	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.	2.9	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.	4.5	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.	2.5	38
48	Oxygen-dependent regulation of tumor growth and metastasis in human breast cancer xenografts. PLoS ONE, 2017, 12, e0183254.	2.5	38
49	Differential cytokine response in interstitial fluid in skin and serum during experimental inflammation in rats. Journal of Physiology, 2004, 556, 193-202.	2.9	36
50	Increased microvascular permeability in mice lacking Epac1 (Rapgef3). Acta Physiologica, 2017, 219, 441-452.	3.8	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.	2.2	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.	2.2	34
53	Increased negativity of interstitial fluid pressure in rat trachea in dextran anaphylaxis. Journal of Applied Physiology, 1992, 72, 53-57.	2.5	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.	3.4	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.	2.2	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.	3.2	32
59	Different Serotypes Of Endotoxin (Lipopolysaccharide) Cause Different Increases in Albumin Extravasation in Rats. Shock, 2002, 18, 138-141.	2.1	32
60	Longitudinal Investigation of Permeability and Distribution of Macromolecules in Mouse Malignant Transformation Using PET. Clinical Cancer Research, 2011, 17, 550-559.	7.0	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.	4.7	31
62	A Model of Human Microvascular Exchange. Microvascular Research, 1995, 49, 141-162.	2.5	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.	3.2	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.	4.2	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.	3.2	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.	2.5	27
67	Interstitial colloid osmotic and hydrostatic pressures in subcutaneous tissue of human thorax. Microvascular Research, 1982, 24, 104-113.	2.5	26
68	Transcapillary albumin extravasation in rat skin and skeletal muscle: effect of increased venous pressure. Acta Physiologica Scandinavica, 1988, 134, 375-382.	2.2	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.	5.6	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.	3.2	25
71	Phosphodiesterase 4 inhibition attenuates atrial natriuretic peptideâ€induced vascular hyperpermeability and loss of plasma volume. Journal of Physiology, 2011, 589, 341-353.	2.9	25
72	Measurement of interstitial fluid pressure: Comparison of methods. Annals of Biomedical Engineering, 1986, 14, 139-151.	2.5	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.	1.9	23
74	Mechanisms behind increased dermal imbibition pressure in acute burn edema. American Journal of Physiology - Heart and Circulatory Physiology, 1989, 256, H940-H948.	3.2	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.	3.2	23
76	Albumin transport across pulmonary capillary-interstitial barrier in anesthetized dogs. Journal of Applied Physiology, 1991, 70, 2104-2110.	2.5	23
77	Remodeling of lung interstitium but not resistance vessels in canine pacing-induced heart failure. Journal of Applied Physiology, 1999, 87, 1823-1830.	2.5	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.	3.5	22
80	Fibroblast Î±11Î²1 Integrin Regulates Tensional Homeostasis in Fibroblast/A549 Carcinoma Heterospheroids. PLoS ONE, 2014, 9, e103173.	2.5	22
81	Fibroblast EXT1-Levels Influence Tumor Cell Proliferation and Migration in Composite Spheroids. PLoS ONE, 2012, 7, e41334.	2.5	21
82	An implantable colloid osmometer. Microvascular Research, 1979, 18, 83-94.	2.5	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.	2.2	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.	2.1	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.	0.5	20
86	Thermal skin injury: Effect of fluid therapy on the transcapillary colloid osmotic gradient. Journal of Surgical Research, 1991, 50, 272-278.	1.6	19
87	Estimation of total body fluid shifts between plasma and interstitium in man during extracorporeal circulation. Acta Anaesthesiologica Scandinavica, 1992, 36, 255-259.	1.6	19
88	Flow conductivity of rat dermis is determined by hydration. Biorheology, 1995, 32, 17-27.	0.4	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.	3.2	19
90	A novel function of insulin in rat dermis. Journal of Physiology, 2004, 559, 583-591.	2.9	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.	3.0	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.	2.2	17
94	Increased hyaluronan flux from skin following burn injury. Journal of Surgical Research, 1991, 50, 240-244.	1.6	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.	3.2	17
96	Interstitial Fluid Pressure Surrounding Rat Mesenteric Venules During Changes in Fluid Filtration. Experimental Physiology, 2001, 86, 33-38.	2.0	17
97	Hyaluronan in prenodal lymph from skin: changes with lymph flow. American Journal of Physiology - Heart and Circulatory Physiology, 1990, 259, H1097-H1100.	3.2	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.	5.6	16
99	A model of fluid resuscitation following burn injury: formulation and parameter estimation. Computer Methods and Programs in Biomedicine, 1995, 47, 1-19.	4.7	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.	3.4	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.	0.7	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.	2.5	16
103	Permeability-surface area product and reflection coefficient of the parietal pleura in dogs. Journal of Applied Physiology, 1991, 71, 2543-2547.	2.5	15
104	Turnover of hyaluronan in the rabbit pleural space. Journal of Applied Physiology, 1992, 73, 1457-1460.	2.5	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.	5.4	14
106	A model of fluid and solute exchange in the human: validation and implications. Acta Physiologica Scandinavica, 2000, 170, 201-209.	2.2	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.	2.6	14
108	Elevated hyaluronan blood concentrations in severely burned patients. Scandinavian Journal of Clinical and Laboratory Investigation, 1991, 51, 693-697.	1.2	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.	3.2	13
110	Imageâ€based assessment of microvascular function and structure in collagen XVâ€•and XVIIIâ€deficient mice. Journal of Physiology, 2014, 592, 325-336.	2.9	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.	2.9	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.	2.5	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.	3.2	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.	2.5	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.	5.6	12
116	Integrins and Control of Interstitial Fluid Pressure. Physiology, 1997, 12, 42-49.	3.1	12
117	Preliminary Model of Fluid and Solute Distribution and Transport During Hemorrhage. Annals of Biomedical Engineering, 2003, 31, 823-839.	2.5	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.	3.2	12
119	Interstitial fluid volume, colloid osmotic and hydrostatic pressures in rat skeletal muscle. Effect of hypoproteinemia. Acta Physiologica Scandinavica, 1981, 112, 141-147.	2.2	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.	0.5	11
121	Dynorphin A(6-12) Analogs Suppress Thermal Edema. Peptides, 1998, 19, 767-775.	2.4	11
122	Dermal Fibroblast Morphology is Affected by Stretching and not by C48/80. Connective Tissue Research, 2001, 42, 235-244.	2.3	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.	1.2	11
124	Stromal Integrin Î±11Î²1 Affects RM11 Prostate and 4T1 Breast Xenograft Tumors Differently. PLoS ONE, 2016, 11, e0151663.	2.5	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.	2.5	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.	0.5	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.	2.2	10
128	Hyaluronan turnover in the rat small intestine. Acta Physiologica Scandinavica, 1993, 149, 237-244.	2.2	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.	2.2	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.	3.5	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.	3.2	10
132	Mathematical model of renal elimination of fluid and small ions during hyper- and hypovolemic conditions. Acta Anaesthesiologica Scandinavica, 2003, 47, 122-137.	1.6	10
133	Phosphodiesterase 4 inhibition attenuates plasma volume loss and transvascular exchange in volumeâ€expanded mice. Journal of Physiology, 2012, 590, 309-322.	2.9	10
134	Imatinib increases oxygen delivery in extracellular matrix-rich but not in matrix-poor experimental carcinoma. Journal of Translational Medicine, 2017, 15, 47.	4.4	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.	1.2	9
136	The relationship between interstitial fluid pressure and volume in rat trachea. Acta Physiologica Scandinavica, 1996, 156, 69-74.	2.2	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.	2.2	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.	2.6	9
139	Compliance of the interstitial space in rats. Acta Physiologica Scandinavica, 1984, 121, 57-63.	2.2	8
140	Interstitial fluid accumulation does not influence oxygen uptake in the rabbit small intestine. Acta Anaesthesiologica Scandinavica, 1995, 39, 167-173.	1.6	8
141	Pressure-volume relationship for rat dermis: compression studies. Acta Physiologica Scandinavica, 1997, 160, 89-94.	2.2	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.	1.8	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.	3.2	8
144	Interstitial compliance and transcapillary fluid balance in renal hypertensive rats. Acta Physiologica Scandinavica, 1986, 127, 407-417.	2.2	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.	2.2	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.	2.2	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.	3.5	7
148	Lactoferrin and antiâ€lactoferrin antibodies: Effects of ironloading of lactoferrin on albumin extravasation in different tissues in rats. Acta Physiologica Scandinavica, 2000, 170, 11-19.	2.2	7
149	PGE₁ induced transcapillary transport of ⁵¹Crâ€EDTA in rat skin measured by microdialysis. Acta Physiologica Scandinavica, 2002, 176, 269-274.	2.2	7
150	Fluid pressure in human dermal fibroblast aggregates measured with micropipettes. American Journal of Physiology - Cell Physiology, 2003, 285, C1101-C1108.	4.6	7
151	Neurogenic inflammation in mice deficient in heparin-synthesizing enzyme. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 286, H884-H888.	3.2	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.	3.8	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.	2.2	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.	2.5	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.	3.2	6
156	Time course of decompensation after angiotensin II and high-salt diet in Balb/CJ mice suggests pulmonary hypertension-induced cardiorenal syndrome. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2019, 316, R563-R570.	1.8	6
157	Epac1 Is Crucial for Maintenance of Endothelial Barrier Function through A Mechanism Partly Independent of Rac1. Cells, 2020, 9, 2170.	4.1	6
158	Enterostatin efflux in cat intestinal lymph: relation to lymph flow, hyaluronan, and fat absorption. American Journal of Physiology - Renal Physiology, 1996, 271, G714-G721.	3.4	5
159	Platelet activating factor (PAF) increases plasma protein extravasation and induces lowering of interstitial fluid pressure (Pif) in rat skin. Acta Physiologica Scandinavica, 2005, 185, 5-12.	2.2	5
160	Using Single-Channel Blind Deconvolution to Choose the Most Realistic Pharmacokinetic Model in Dynamic Contrast-Enhanced MR Imaging. Applied Magnetic Resonance, 2015, 46, 643-659.	1.2	5
161	Multimodal approach to assess tumour vasculature and potential treatment effect with DCEâ€US and DCEâ€MRI quantification in CWR22 prostate tumour xenografts. Contrast Media and Molecular Imaging, 2015, 10, 428-437.	0.8	5
162	Integrin Î±_VÎ²₃ can substitute for collagenâ€binding Î²₁â€integrins in vivo to maintain a homeostatic interstitial fluid pressure. Experimental Physiology, 2018, 103, 629-634.	2.0	5

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163	Angiotensin II and salt-induced decompensation in Balb/CJ mice is aggravated by fluid retention related to low oxidative stress. American Journal of Physiology - Renal Physiology, 2019, 316, F914-F933.	2.7	5
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