

Julie Chao

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ext. citations

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L-index

#	Paper	IF	Citations
184	Activation of the phosphatidylinositol 3-kinase/protein kinase Akt pathway mediates nitric oxide-induced endothelial cell migration and angiogenesis. <i>Molecular and Cellular Biology</i> , 2003 , 23, 5726-37	4.8	220
183	Local delivery of human tissue kallikrein gene accelerates spontaneous angiogenesis in mouse model of hindlimb ischemia. <i>Circulation</i> , 2001 , 103, 125-32	16.7	167
182	Kallistatin is a new inhibitor of angiogenesis and tumor growth. <i>Blood</i> , 2002 , 100, 3245-52	2.2	145
181	Structure and chromosomal localization of the gene (BDKRB2) encoding human bradykinin B2 receptor. <i>Genomics</i> , 1994 , 23, 362-9	4.3	136
180	The radioimmunoassay of human urinary kallikrein and comparisons with kallikrein activity measurements. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1980 , 51, 840-8	5.6	114
179	Adrenomedullin protects against myocardial apoptosis after ischemia/reperfusion through activation of Akt-GSK signaling. <i>Hypertension</i> , 2004 , 43, 109-16	8.5	112
178	Adrenomedullin gene delivery attenuates hypertension, cardiac remodeling, and renal injury in deoxycorticosterone acetate-salt hypertensive rats. <i>Hypertension</i> , 2000 , 36, 995-1001	8.5	111
177	Transcription factor nuclear factor kappaB regulates the inducible expression of the human B1 receptor gene in inflammation. <i>Journal of Biological Chemistry</i> , 1998 , 273, 2784-91	5.4	111
176	Tissue kallikrein in rat brain and pituitary: regional distribution and estrogen induction in the anterior pituitary. <i>Endocrinology</i> , 1987 , 120, 475-82	4.8	106
175	Kallikrein gene delivery attenuates myocardial infarction and apoptosis after myocardial ischemia and reperfusion. <i>Hypertension</i> , 2000 , 35, 25-31	8.5	104
174	Kallikrein/kinin protects against myocardial apoptosis after ischemia/reperfusion via Akt-glycogen synthase kinase-3 and Akt-Bad.14-3-3 signaling pathways. <i>Journal of Biological Chemistry</i> , 2005 , 280, 8022-30	5.4	98
173	Reduced cardiac hypertrophy and altered blood pressure control in transgenic rats with the human tissue kallikrein gene. <i>FASEB Journal</i> , 2000 , 14, 1858-60	0.9	97
172	Kallikrein gene transfer protects against ischemic stroke by promoting glial cell migration and inhibiting apoptosis. <i>Hypertension</i> , 2004 , 43, 452-9	8.5	96
171	Kallistatin, a novel human tissue kallikrein inhibitor: levels in body fluids, blood cells, and tissues in health and disease. <i>Translational Research</i> , 1996 , 127, 612-20		96
170	Genomic DNA sequence, expression, and chromosomal localization of the human B1 bradykinin receptor gene BDKRB1. <i>Genomics</i> , 1996 , 31, 51-7	4.3	95
169	Kallikrein protects against ischemic stroke by inhibiting apoptosis and inflammation and promoting angiogenesis and neurogenesis. <i>Human Gene Therapy</i> , 2006 , 17, 206-19	4.8	94
168	Human kallikrein gene delivery attenuates hypertension, cardiac hypertrophy, and renal injury in Dahl salt-sensitive rats. <i>Human Gene Therapy</i> , 1998 , 9, 21-31	4.8	92

167	Kallikrein-modified mesenchymal stem cell implantation provides enhanced protection against acute ischemic kidney injury by inhibiting apoptosis and inflammation. <i>Human Gene Therapy</i> , 2008 , 19, 807-19	4.8	87
166	Human endothelial nitric oxide synthase gene delivery promotes angiogenesis in a rat model of hindlimb ischemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002 , 22, 1279-85	9.4	85
165	Kallikrein gene delivery attenuates hypertension and cardiac hypertrophy and enhances renal function in Goldblatt hypertensive rats. <i>Hypertension</i> , 1998 , 31, 1104-10	8.5	84
164	Postischemic brain injury is exacerbated in mice lacking the kinin B2 receptor. <i>Hypertension</i> , 2006 , 47, 752-61	8.5	82
163	Kallikrein-kinin in stroke, cardiovascular and renal disease. <i>Experimental Physiology</i> , 2005 , 90, 291-8	2.4	78
162	Prophylactic adenovirus-mediated human kallistatin gene therapy suppresses rat arthritis by inhibiting angiogenesis and inflammation. <i>Arthritis and Rheumatism</i> , 2005 , 52, 1319-24		78
161	Kallikrein/kinin protects against gentamicin-induced nephrotoxicity by inhibition of inflammation and apoptosis. <i>Nephrology Dialysis Transplantation</i> , 2006 , 21, 624-33	4.3	75
160	Tissue kallikrein in cardiovascular, cerebrovascular and renal diseases and skin wound healing. <i>Biological Chemistry</i> , 2010 , 391, 345-55	4.5	74
159	Prolonged reduction of high blood pressure with human nitric oxide synthase gene delivery. <i>Hypertension</i> , 1997 , 30, 307-13	8.5	73
158	Salutary effect of kallistatin in salt-induced renal injury, inflammation, and fibrosis via antioxidative stress. <i>Hypertension</i> , 2008 , 51, 1358-65	8.5	72
157	Kallikrein gene delivery improves cardiac reserve and attenuates remodeling after myocardial infarction. <i>Hypertension</i> , 2002 , 40, 653-9	8.5	72
156	Hypotension in transgenic mice overexpressing human bradykinin B2 receptor. <i>Hypertension</i> , 1997 , 29, 488-93	8.5	71
155	Adenovirus-mediated human tissue kallikrein gene delivery induces angiogenesis in normoperfused skeletal muscle. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000 , 20, 2379-85	9.4	69
154	Isozymes of rat urinary kallikrein. <i>Biochemical Pharmacology</i> , 1979 , 28, 2071-9	6	69
153	Human endothelial nitric oxide synthase gene delivery protects against cardiac remodeling and reduces oxidative stress after myocardial infarction. <i>Life Sciences</i> , 2005 , 76, 2457-71	6.8	68
152	Rescue of impaired angiogenesis in spontaneously hypertensive rats by intramuscular human tissue kallikrein gene transfer. <i>Hypertension</i> , 2001 , 38, 136-41	8.5	67
151	Prevention of diabetes-induced microangiopathy by human tissue kallikrein gene transfer. <i>Circulation</i> , 2002 , 106, 993-9	16.7	67
150	Human adrenomedullin gene delivery protects against cardiac hypertrophy, fibrosis, and renal damage in hypertensive dahl salt-sensitive rats. <i>Human Gene Therapy</i> , 2000 , 11, 1817-27	4.8	66

149	Localization and expression of tissue kallikrein and kallistatin in human blood vessels. <i>Journal of Histochemistry and Cytochemistry</i> , 1999 , 47, 221-8	3.4	66
148	Kruppel-like factor 4 is a novel mediator of Kallistatin in inhibiting endothelial inflammation via increased endothelial nitric-oxide synthase expression. <i>Journal of Biological Chemistry</i> , 2009 , 284, 35471-84	5.4	65
147	Novel role of kallistatin in protection against myocardial ischemia-reperfusion injury by preventing apoptosis and inflammation. <i>Human Gene Therapy</i> , 2006 , 17, 1201-13	4.8	65
146	Human tissue kallikrein gene delivery attenuates hypertension, renal injury, and cardiac remodeling in chronic renal failure. <i>Kidney International</i> , 2000 , 58, 730-9	9.9	64
145	Kallikrein Multigene Families and the Regulation of Their Expression. <i>Journal of Cardiovascular Pharmacology</i> , 1990 , 15, S7-S16	3.1	64
144	Kallistatin inhibits TGF- β -induced endothelial-mesenchymal transition by differential regulation of microRNA-21 and eNOS expression. <i>Experimental Cell Research</i> , 2015 , 337, 103-10	4.2	62
143	Kallistatin inhibits vascular inflammation by antagonizing tumor necrosis factor-alpha-induced nuclear factor kappaB activation. <i>Hypertension</i> , 2010 , 56, 260-7	8.5	60
142	Kallistatin attenuates endothelial apoptosis through inhibition of oxidative stress and activation of Akt-eNOS signaling. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010 , 299, H1419-27	5.2	60
141	Kallistatin reduces vascular senescence and aging by regulating microRNA-34a-SIRT1 pathway. <i>Aging Cell</i> , 2017 , 16, 837-846	9.9	59
140	Kallikrein gene delivery improves serum glucose and lipid profiles and cardiac function in streptozotocin-induced diabetic rats. <i>Diabetes</i> , 2005 , 54, 1573-80	0.9	59
139	Overexpression of kinin B1 receptors induces hypertensive response to des-Arg9-bradykinin and susceptibility to inflammation. <i>Journal of Biological Chemistry</i> , 2003 , 278, 219-25	5.4	57
138	Kallikrein activation of a high molecular weight atrial peptide. <i>Biochemical and Biophysical Research Communications</i> , 1984 , 120, 461-6	3.4	56
137	Regulation of bradykinin B2-receptor expression by oestrogen. <i>British Journal of Pharmacology</i> , 1997 , 121, 1763-9	8.6	55
136	Atrial natriuretic peptide gene delivery attenuates hypertension, cardiac hypertrophy, and renal injury in salt-sensitive rats. <i>Human Gene Therapy</i> , 1998 , 9, 1429-38	4.8	55
135	Kinin infusion prevents renal inflammation, apoptosis, and fibrosis via inhibition of oxidative stress and mitogen-activated protein kinase activity. <i>Hypertension</i> , 2007 , 49, 490-7	8.5	54
134	Muscle delivery of human kallikrein gene reduces blood pressure in hypertensive rats. <i>Hypertension</i> , 1995 , 25, 715-9	8.5	54
133	Kallistatin protects against sepsis-related acute lung injury via inhibiting inflammation and apoptosis. <i>Scientific Reports</i> , 2015 , 5, 12463	4.9	53
132	Human atrial natriuretic peptide gene delivery reduces blood pressure in hypertensive rats. <i>Hypertension</i> , 1995 , 26, 847-53	8.5	53

131	Gene therapy with human tissue kallikrein reduces hypertension and hyperinsulinemia in fructose-induced hypertensive rats. <i>Hypertension</i> , 2003 , 42, 1026-33	8.5	52
130	Proteomic analysis reveals alterations in the renal kallikrein pathway during hypoxia-induced hypertension. <i>Journal of Biological Chemistry</i> , 2002 , 277, 34708-16	5.4	52
129	A synthetic tissue kallikrein inhibitor suppresses cancer cell invasiveness. <i>American Journal of Pathology</i> , 2001 , 159, 1797-805	5.8	52
128	The tissue kallikrein-kinin system protects against cardiovascular and renal diseases and ischemic stroke independently of blood pressure reduction. <i>Biological Chemistry</i> , 2006 , 387, 665-75	4.5	51
127	Tissue kallikrein attenuates salt-induced renal fibrosis by inhibition of oxidative stress. <i>Kidney International</i> , 2004 , 66, 722-32	9.9	51
126	Adrenomedullin gene delivery attenuates renal damage and cardiac hypertrophy in Goldblatt hypertensive rats. <i>American Journal of Physiology - Renal Physiology</i> , 2001 , 280, F964-71	4.3	50
125	Molecular cloning and expression of rat bradykinin B1 receptor. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1998 , 1442, 177-85		49
124	Role of kallistatin in prevention of cardiac remodeling after chronic myocardial infarction. <i>Laboratory Investigation</i> , 2008 , 88, 1157-66	5.9	49
123	Restriction fragment length polymorphisms mapped in spontaneously hypertensive rats using kallikrein probes. <i>Journal of Hypertension</i> , 1989 , 7, 865-71	1.9	49
122	Dysregulation of kallikrein-related peptidases in renal cell carcinoma: potential targets of miRNAs. <i>Biological Chemistry</i> , 2010 , 391, 411-23	4.5	48
121	A novel signaling pathway of tissue kallikrein in promoting keratinocyte migration: activation of proteinase-activated receptor 1 and epidermal growth factor receptor. <i>Experimental Cell Research</i> , 2010 , 316, 376-89	4.2	48
120	Tissue kallikrein elicits cardioprotection by direct kinin b2 receptor activation independent of kinin formation. <i>Hypertension</i> , 2008 , 52, 715-20	8.5	48
119	Reversal of renal fibrosis, inflammation, and glomerular hypertrophy by kallikrein gene delivery. <i>Human Gene Therapy</i> , 2006 , 17, 545-55	4.8	48
118	Kallikrein gene delivery inhibits vascular smooth muscle cell growth and neointima formation in the rat artery after balloon angioplasty. <i>Hypertension</i> , 1999 , 34, 164-70	8.5	47
117	Substrate specificities of tissue kallikrein and T-kininogenase: their possible role in kininogen processing. <i>Biochemistry</i> , 1992 , 31, 4969-74	3.2	47
116	Structural elements of kallistatin required for inhibition of angiogenesis. <i>American Journal of Physiology - Cell Physiology</i> , 2003 , 284, C1604-13	5.4	46
115	Human adrenomedullin gene delivery protects against cardiovascular remodeling and renal injury. <i>Peptides</i> , 2001 , 22, 1731-7	3.8	46
114	Differential effects of testosterone, thyroxine, and cortisol on rat submandibular gland versus renal kallikrein. <i>Endocrinology</i> , 1983 , 113, 2221-5	4.8	46

113	Adenovirus-mediated delivery of human kallistatin gene reduces blood pressure of spontaneously hypertensive rats. <i>Human Gene Therapy</i> , 1997 , 8, 341-7	4.8	45
112	Tissue kallikrein reverses insulin resistance and attenuates nephropathy in diabetic rats by activation of phosphatidylinositol 3-kinase/protein kinase B and adenosine 5Smonophosphate-activated protein kinase signaling pathways. <i>Endocrinology</i> , 2007 , 148, 2016-26	4.8	45
111	Adrenomedullin gene delivery reduces blood pressure in spontaneously hypertensive rats. <i>Hypertension Research</i> , 1997 , 20, 269-77	4.7	45
110	Intermedin is a new angiogenic growth factor. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009 , 297, H1040-7	5.2	44
109	Adenovirus-mediated kallikrein gene delivery reverses salt-induced renal injury in Dahl salt-sensitive rats. <i>Kidney International</i> , 1998 , 54, 1250-60	9.9	44
108	Tissue kallikrein promotes neovascularization and improves cardiac function by the Akt-glycogen synthase kinase-3beta pathway. <i>Cardiovascular Research</i> , 2008 , 80, 354-64	9.9	44
107	Role of tissue kallikrein in prevention and recovery of gentamicin-induced renal injury. <i>Toxicological Sciences</i> , 2008 , 102, 433-43	4.4	44
106	Cellular localization of tissue kallikrein and kallistatin mRNAs in human kidney. <i>Kidney International</i> , 1995 , 48, 690-7	9.9	44
105	Kallistatin induces breast cancer cell apoptosis and autophagy by modulating Wnt signaling and microRNA synthesis. <i>Experimental Cell Research</i> , 2016 , 340, 305-14	4.2	43
104	Association of the tissue kallikrein gene promoter with ESRD and hypertension. <i>Kidney International</i> , 2002 , 61, 1030-9	9.9	43
103	Novel roles of kallistatin, a specific tissue kallikrein inhibitor, in vascular remodeling. <i>Biological Chemistry</i> , 2001 , 382, 15-21	4.5	43
102	Identification of a major heparin-binding site in kallistatin. <i>Journal of Biological Chemistry</i> , 2001 , 276, 1276-84	5.4	43
101	Tissue kallikrein protects against pressure overload-induced cardiac hypertrophy through kinin B2 receptor and glycogen synthase kinase-3beta activation. <i>Cardiovascular Research</i> , 2007 , 73, 130-42	9.9	42
100	Tissue kallikrein infusion prevents cardiomyocyte apoptosis, inflammation and ventricular remodeling after myocardial infarction. <i>Regulatory Peptides</i> , 2007 , 140, 12-20		41
99	Intramuscular delivery of rat kallikrein-binding protein gene reverses hypotension in transgenic mice expressing human tissue kallikrein. <i>Journal of Biological Chemistry</i> , 1995 , 270, 451-5	5.4	40
98	Systemic and portal vein delivery of human kallikrein gene reduces blood pressure in hypertensive rats. <i>Human Gene Therapy</i> , 1996 , 7, 901-11	4.8	40
97	Atrial natriuretic peptide gene delivery reduces stroke-induced mortality rate in Dahl salt-sensitive rats. <i>Hypertension</i> , 1999 , 33, 219-24	8.5	39
96	Adenovirus-mediated kallistatin gene transfer ameliorates disease progression in a rat model of osteoarthritis induced by anterior cruciate ligament transection. <i>Human Gene Therapy</i> , 2009 , 20, 147-58	4.8	38

95	Gene therapy in hypertension: adenovirus-mediated kallikrein gene delivery in hypertensive rats. <i>Human Gene Therapy</i> , 1997 , 8, 1753-61	4.8	38
94	Human kallikrein gene delivery protects against gentamycin-induced nephrotoxicity in rats. <i>Kidney International</i> , 1998 , 53, 1305-13	9.9	38
93	Kallistatin in human ocular tissues: reduced levels in vitreous fluids from patients with diabetic retinopathy. <i>Current Eye Research</i> , 1996 , 15, 1117-23	2.9	38
92	A major difference of kallikrein-binding protein in spontaneously hypertensive versus normotensive rats. <i>Journal of Hypertension</i> , 1988 , 6, 551-7	1.9	38
91	Human kallistatin administration reduces organ injury and improves survival in a mouse model of polymicrobial sepsis. <i>Immunology</i> , 2014 , 142, 216-26	7.8	37
90	Protective Role of Kallistatin in Vascular and Organ Injury. <i>Hypertension</i> , 2016 , 68, 533-41	8.5	36
89	Nitric oxide mediates cardiac protection of tissue kallikrein by reducing inflammation and ventricular remodeling after myocardial ischemia/reperfusion. <i>Life Sciences</i> , 2008 , 82, 156-65	6.8	36
88	Pivotal role of JNK-dependent FOXO1 activation in downregulation of kallistatin expression by oxidative stress. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010 , 298, H1048-54	5.2	35
87	Differential role of kinin B1 and B2 receptors in ischemia-induced apoptosis and ventricular remodeling. <i>Peptides</i> , 2007 , 28, 1383-9	3.8	35
86	Roles of the P1, P2, and P3 residues in determining inhibitory specificity of kallistatin toward human tissue kallikrein. <i>Journal of Biological Chemistry</i> , 2000 , 275, 38457-66	5.4	35
85	Adenovirus-mediated kallikrein gene delivery reduces aortic thickening and stroke-induced death rate in Dahl salt-sensitive rats. <i>Stroke</i> , 1999 , 30, 1925-31; discussion 1931-2	6.7	34
84	Kallistatin antagonizes Wnt/ β -catenin signaling and cancer cell motility via binding to low-density lipoprotein receptor-related protein 6. <i>Molecular and Cellular Biochemistry</i> , 2013 , 379, 295-301	4.2	33
83	Beneficial effects of kallikrein-binding protein in transgenic mice during endotoxic shock. <i>Life Sciences</i> , 1997 , 60, 1431-5	6.8	33
82	Kallikrein gene delivery attenuates cardiac remodeling and promotes neovascularization in spontaneously hypertensive rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003 , 285, H1479-88	5.2	33
81	Adenovirus-mediated kallikrein gene delivery attenuates hypertension and protects against renal injury in deoxycorticosterone-salt rats. <i>Immunopharmacology</i> , 1999 , 44, 57-65		33
80	Kallistatin modulates immune cells and confers anti-inflammatory response to protect mice from group A streptococcal infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2013 , 57, 5366-72	5.9	32
79	Depletion of endogenous kallistatin exacerbates renal and cardiovascular oxidative stress, inflammation, and organ remodeling. <i>American Journal of Physiology - Renal Physiology</i> , 2012 , 303, F1230-8	4.3	32
78	Kallikrein-kinin system and blood pressure sensitivity to salt. <i>Hypertension</i> , 1997 , 29, 471-7	8.5	32

77	Activation of serpins and their cognate proteases in muscle after crush injury. <i>Journal of Cellular Physiology</i> , 1994 , 159, 11-8	7	32
76	The bradykinin B1 receptor and the central regulation of blood pressure in spontaneously hypertensive rats. <i>British Journal of Pharmacology</i> , 1999 , 126, 1769-76	8.6	31
75	Experimental therapy with tissue kallikrein against cerebral ischemia. <i>Frontiers in Bioscience - Landmark</i> , 2006 , 11, 1323-7	2.8	29
74	Reactive-site specificity of human kallistatin toward tissue kallikrein probed by site-directed mutagenesis. <i>BBA - Proteins and Proteomics</i> , 2000 , 1479, 237-46		28
73	Protective Role of Endogenous Kallistatin in Vascular Injury and Senescence by Inhibiting Oxidative Stress and Inflammation. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 4138560	6.7	28
72	Plasma kallistatin levels in patients with severe community-acquired pneumonia. <i>Critical Care</i> , 2013 , 17, R27	10.8	27
71	Kallistatin stimulates vascular smooth muscle cell proliferation and migration in vitro and neointima formation in balloon-injured rat artery. <i>Circulation Research</i> , 2000 , 86, 418-24	15.7	27
70	Molecular cloning, sequence analysis, and chromosomal localization of the human protease inhibitor 4 (kallistatin) gene (PI4). <i>Genomics</i> , 1994 , 23, 370-8	4.3	27
69	Sex dimorphism and hormonal regulation of rat tissue kallikrein mRNA. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1986 , 867, 16-23		27
68	Inhibition of experimental lung metastasis by systemic lentiviral delivery of kallistatin. <i>BMC Cancer</i> , 2010 , 10, 245	4.8	26
67	DNA polymorphisms in the 5Sflanking region of the human tissue kallikrein gene. <i>Human Genetics</i> , 1997 , 99, 727-34	6.3	26
66	Tissue kallikrein-binding protein reduces blood pressure in transgenic mice. <i>Journal of Biological Chemistry</i> , 1996 , 271, 27590-4	5.4	26
65	Kallistatin treatment attenuates lethality and organ injury in mouse models of established sepsis. <i>Critical Care</i> , 2015 , 19, 200	10.8	24
64	Human urinary kallikrein. Complete amino acid sequence and sites of glycosylation. <i>International Journal of Peptide and Protein Research</i> , 1989 , 33, 237-49		24
63	Adenovirus-mediated human tissue kallikrein gene delivery inhibits neointima formation induced by interruption of blood flow in mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000 , 20, 1459-68	8.4	24
62	High level of circulating human tissue kallikrein induces hypotension in a transgenic mouse model. <i>Clinical and Experimental Hypertension</i> , 1996 , 18, 975-93	2.2	24
61	Novel role of kallistatin in vascular repair by promoting mobility, viability, and function of endothelial progenitor cells. <i>Journal of the American Heart Association</i> , 2014 , 3, e001194	6	23
60	Tissue kallikrein promotes prostate cancer cell migration and invasion via a protease-activated receptor-1-dependent signaling pathway. <i>Biological Chemistry</i> , 2010 , 391, 803-12	4.5	23

59	Enhanced renal function in bradykinin B(2) receptor transgenic mice. <i>American Journal of Physiology - Renal Physiology</i> , 2000 , 278, F484-91	4.3	23
58	Tissue kallikrein and kinin infusion rescues failing myocardium after myocardial infarction. <i>Journal of Cardiac Failure</i> , 2007 , 13, 588-96	3.3	22
57	Kallikrein gene transfer reduces renal fibrosis, hypertrophy, and proliferation in DOCA-salt hypertensive rats. <i>American Journal of Physiology - Renal Physiology</i> , 2005 , 289, F622-31	4.3	22
56	Identification and expression of kallikrein gene family in rat submandibular and prostate glands using monoclonal antibodies as specific probes. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1987 , 910, 233-9		22
55	DNA polymorphisms in the 5'-flanking region of the human tissue kallikrein gene. <i>Human Genetics</i> , 1997 , 99, 727	6.3	22
54	A positively charged loop on the surface of kallistatin functions to enhance tissue kallikrein inhibition by acting as a secondary binding site for kallikrein. <i>Journal of Biological Chemistry</i> , 2000 , 275, 40371-7	5.4	21
53	Specificity of human tissue kallikrein towards substrates containing Phe ² Phe pair of amino acids. <i>Biochemical Journal</i> , 1999 , 339, 473-479	3.8	21
52	Functional analysis of human tissue kallikrein in transgenic mouse models. <i>Hypertension</i> , 1996 , 27, 491-48.5		21
51	Genetic targeting for cardiovascular therapeutics: are we near the summit or just beginning the climb?. <i>Physiological Genomics</i> , 2001 , 7, 79-94	3.6	20
50	Kallistatin attenuates endothelial senescence by modulating Let-7g-mediated miR-34a-SIRT1-eNOS pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2018 , 22, 4387-4398	5.6	19
49	Plasma kallistatin is associated with adiposity and cardiometabolic risk in apparently healthy African American adolescents. <i>Metabolism: Clinical and Experimental</i> , 2013 , 62, 642-6	12.7	18
48	Alpha1-antichymotrypsin and kallistatin hydrolysis by human cathepsin D. <i>The Protein Journal</i> , 2000 , 19, 411-8		18
47	Glandular kallikrein gene expression is selectively down-regulated by glucocorticoids in pancreatic AR42J cells. <i>Endocrinology</i> , 1991 , 128, 2216-22	4.8	18
46	Blockade of endogenous tissue kallikrein aggravates renal injury by enhancing oxidative stress and inhibiting matrix degradation. <i>American Journal of Physiology - Renal Physiology</i> , 2010 , 298, F1033-40	4.3	17
45	Tissue kallikrein and kinin infusion promotes neovascularization in limb ischemia. <i>Biological Chemistry</i> , 2008 , 389, 725-30	4.5	17
44	Potassium supplement upregulates the expression of renal kallikrein and bradykinin B2 receptor in SHR. <i>American Journal of Physiology - Renal Physiology</i> , 1999 , 276, F476-84	4.3	17
43	Central delivery of human tissue kallikrein gene reduces blood pressure in hypertensive rats. <i>Biochemical and Biophysical Research Communications</i> , 1998 , 244, 449-54	3.4	16
42	Adenovirus-mediated kallikrein gene transfer inhibits neointima formation via increased production of nitric oxide in rat artery. <i>Immunopharmacology</i> , 1999 , 44, 137-43		16

41	Human tissue kallikrein attenuates hypertension and secretes into circulation and urine after intramuscular gene delivery in hypertensive rats. <i>Clinical and Experimental Hypertension</i> , 1999 , 21, 1145-60	2.2	16
40	Expression of human tissue kallikrein in rat salivary glands and its secretion into circulation following adenovirus-mediated gene transfer. <i>Immunopharmacology</i> , 1997 , 36, 221-7		15
39	Upregulation of kallistatin expression in rheumatoid joints. <i>Journal of Rheumatology</i> , 2007 , 34, 2171-6	4.1	15
38	Kallistatin ameliorates influenza virus pathogenesis by inhibition of kallikrein-related peptidase 1-mediated cleavage of viral hemagglutinin. <i>Antimicrobial Agents and Chemotherapy</i> , 2015 , 59, 5619-30	5.9	14
37	Role of Kallistatin Treatment in Aging and Cancer by Modulating miR-34a and miR-21 Expression. <i>Oxidative Medicine and Cellular Longevity</i> , 2017 , 2017, 5025610	6.7	14
36	Molecular cloning and characterization of rKlk10, a cDNA encoding T-kininogenase from rat submandibular gland and kidney. <i>Biochemistry</i> , 1992 , 31, 10922-8	3.2	14
35	Molecular cloning and sequence analysis of the mouse kallikrein-binding protein gene. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1991 , 1129, 127-30		14
34	Antisense inhibition of the brain kallikrein-kinin system. <i>Hypertension</i> , 1996 , 28, 980-7	8.5	14
33	A method for determination of human urinary inactive kallikrein (prekallikrein). <i>Tohoku Journal of Experimental Medicine</i> , 1982 , 137, 269-74	2.4	13
32	High level expression of human tissue kallikrein in the circulation induces hypotension in transgenic mice. <i>Immunopharmacology</i> , 1996 , 32, 105-7		12
31	Opposing Effects of Oxygen Regulation on Kallistatin Expression: Kallistatin as a Novel Mediator of Oxygen-Induced HIF-1-eNOS-NO Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2017 , 2017, 5262958	6.7	11
30	Plasma kallistatin in critically ill patients with severe sepsis and septic shock. <i>PLoS ONE</i> , 2017 , 12, e0178387	3.7	11
29	Kallistatin: double-edged role in angiogenesis, apoptosis and oxidative stress. <i>Biological Chemistry</i> , 2017 , 398, 1309-1317	4.5	11
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