Paul R Kemp

List of Publications by Year
in descending order

84 papers	4,914 citations	87843 38 h-index	91828 69 g-index
84 all docs	84 docs citations	84 times ranked	6062 citing authors

#	Article	IF	Citations
1	Genetic control of the circulating concentration of transforming growth factor type beta1. Human Molecular Genetics, 1999, 8, 93-97.	1.4	656
2	The serum concentration of active transforming growth factor-Î² is severely depressed in advanced atherosclerosis. Nature Medicine, 1995, 1, 74-79.	15.2	391
3	Activation of transforming growth factor-Î² is inhibited in transgenic apolipoprotein(a) mice. Nature, 1994, 370, 460-462.	13.7	375
4	Quadriceps wasting and physical inactivity in patients with COPD. European Respiratory Journal, 2012, 40, 1115-1122.	3.1	269
5	The health implications of birth by Caesarean section. Biological Reviews, 2012, 87, 229-243.	4.7	161
6	Downregulation of the serum response factor/miR-1 axis in the quadriceps of patients with COPD. Thorax, 2012, 67, 26-34.	2.7	137
7	Expression and distribution of transforming growth factor-Î² isoforms and their signaling receptors in growing human bone. Bone, 1998, 23, 95-102.	1.4	132
8	Transforming growth factor-Î²1 gene polymorphisms and coronary artery disease. Clinical Science, 1998, 95, 659-667.	1.8	127
9	Stretch-induced alternative splicing of serum response factor promotes bronchial myogenesis and is defective in lung hypoplasia. Journal of Clinical Investigation, 2000, 106, 1321-1330.	3.9	108
10	Increased skeletal muscle-specific microRNA in the blood of patients with COPD. Thorax, 2013, 68, 1140-1149.	2.7	106
11	Active and acid-activatable TGF-Î² in human sera, platelets and plasma. Clinica Chimica Acta, 1995, 235, 11-31.	0.5	103
12	Effects of premature stimulation on HERG K+ channels. Journal of Physiology, 2001, 537, 843-851.	1.3	95
13	Growth differentiation factorâ€15 is associated with muscle mass in chronic obstructive pulmonary disease and promotes muscle wasting <i>in vivo</i>. Journal of Cachexia, Sarcopenia and Muscle, 2016, 7, 436-448.	2.9	91
14	Effects of premature stimulation on HERG K + channels. Journal of Physiology, 2001, 537, 843-851.	1.3	76
15	Skeletal muscle dysfunction in COPD: clinical and laboratory observations. Clinical Science, 2009, 117, 251-264.	1.8	75
16	Reninâ€"angiotensin system blockade: a novel therapeutic approach in chronic obstructive pulmonary disease. Clinical Science, 2012, 123, 487-498.	1.8	73
17	Sustained Elevation of Circulating Growth and Differentiation Factor-15 and a Dynamic Imbalance in Mediators of Muscle Homeostasis Are Associated With the Development of Acute Muscle Wasting Following Cardiac Surgery*. Critical Care Medicine, 2013, 41, 982-989.	0.4	70
18	Role of Ucp1 enhancer methylation and chromatin remodelling in the control of Ucp1 expression in murine adipose tissue. Diabetologia, 2010, 53, 1164-1173.	2.9	68

#	Article	IF	Citations
19	miRâ€424â€5p reduces ribosomal RNA and protein synthesis in muscle wasting. Journal of Cachexia, Sarcopenia and Muscle, 2018, 9, 400-416.	2.9	67
20	Skeletal muscle adiposity is associated with physical activity, exercise capacity and fibre shift in COPD. European Respiratory Journal, 2014, 44, 1188-1198.	3.1	64
21	Molecular mechanisms of intensive care unit-acquired weakness. European Respiratory Journal, 2012, 39, 1000-1011.	3.1	63
22	Distribution of platelet-derived growth factor (PDGF) a chain mRNA, protein, and PDGF-Î± receptor in rapidly forming human bone. Bone, 1996, 19, 353-362.	1.4	62
23	Heterogeneity of quadriceps muscle phenotype in chronic obstructive pulmonary disease (<scp>Copd</scp>); implications for stratified medicine?. Muscle and Nerve, 2013, 48, 488-497.	1.0	61
24	<i>Nov</i> Gene Encodes Adhesion Factor for Vascular Smooth Muscle Cells and Is Dynamically Regulated in Response to Vascular Injury. Arteriosclerosis, Thrombosis, and Vascular Biology, 2000, 20, 1912-1919.	1.1	60
25	Cold-Induced Changes in Gene Expression in Brown Adipose Tissue, White Adipose Tissue and Liver. PLoS ONE, 2013, 8, e68933.	1.1	57
26	MicroRNA-542 Promotes Mitochondrial Dysfunction and SMAD Activity and Is Elevated in Intensive Care Unitâ€“acquired Weakness. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 1422-1433.	2.5	57
27	Increased expression of H19/miRâ€675 is associated with a low fatâ€free mass index in patients with COPD. Journal of Cachexia, Sarcopenia and Muscle, 2016, 7, 330-344.	2.9	55
28	Phenotypic Characteristics Associated With Reduced Short Physical Performance Battery Score in COPD. Chest, 2014, 145, 1016-1024.	0.4	54
29	Do Miniaturized Extracorporeal Circuits Confer Significant Clinical Benefit Without Compromising Safety? A Meta-Analysis of Randomized Controlled Trials. ASAIO Journal, 2011, 57, 141-151.	0.9	52
30	Four isoforms of serum response factor that increase or inhibit smooth-muscle-specific promoter activity. Biochemical Journal, 2000, 345, 445-451.	1.7	47
31	Cytoplasmic YY1 Is Associated with Increased Smooth Muscle-Specific Gene Expression. American Journal of Pathology, 2005, 167, 1497-1509.	1.9	47
32	Myostatin induces autophagy in skeletal muscle in vitro. Biochemical and Biophysical Research Communications, 2011, 415, 632-636.	1.0	46
33	Exercise and muscle dysfunction in COPD: implications for pulmonary rehabilitation. Clinical Science, 2009, 117, 281-291.	1.8	43
34	Quadriceps myostatin expression in COPD. European Respiratory Journal, 2010, 36, 686-688.	3.1	43
35	Vitamin D and skeletal muscle strength and endurance in COPD. European Respiratory Journal, 2013, 41, 309-316.	3.1	43
36	A Novel Polypyrimidine Tract-binding Protein Paralog Expressed in Smooth Muscle Cells. Journal of Biological Chemistry, 2003, 278, 15201-15207.	1.6	42

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37	Regulated Tissue-specific Alternative Splicing of Enhanced Green Fluorescent Protein Transgenes Conferred by Î±-Tropomyosin Regulatory Elements in Transgenic Mice. Journal of Biological Chemistry, 2004, 279, 36660-36669.	1.6	42
38	Leucine and ACE inhibitors as therapies for sarcopenia (LACE trial): study protocol for a randomised controlled trial. Trials, 2018, 19, 6.	0.7	39
39	Growth/differentiation factor 15 causes TGFÎ²-activated kinase 1-dependent muscle atrophy in pulmonary arterial hypertension. Thorax, 2019, 74, 164-176.	2.7	37
40	Expression of Klf9 and Klf13 in mouse development. Mechanisms of Development, 2001, 103, 149-151.	1.7	36
41	Splenomegaly and Modified Erythropoiesis in KLF13â€"/â€" Mice. Journal of Biological Chemistry, 2008, 283, 11897-11904.	1.6	36
42	Mouse BTEB3, a new member of the basic transcription element binding protein (BTEB) family, activates expression from GC-rich minimal promoter regions. Biochemical Journal, 2000, 345, 529-533.	1.7	33
43	Increased actin polymerization reduces the inhibition of serum response factor activity by Yin Yang 1. Biochemical Journal, 2002, 364, 547-554.	1.7	33
44	Delivery by Caesarean section, rather than vaginal delivery, promotes hepatic steatosis in piglets. Clinical Science, 2010, 118, 47-59.	1.8	33
45	Loss of a consensus heparin binding site by alternative splicing of latent transforming growth factor-Î² binding protein-1. FEBS Letters, 1998, 425, 281-285.	1.3	32
46	Adhesion of Endothelial Cells to NOV Is Mediated by the Integrins Î±vÎ²3 and Î±5Î²1. Journal of Vascular Research, 2003, 40, 234-243.	0.6	32
47	A Randomized Controlled Trial of Angiotensin-Converting Enzyme Inhibition for Skeletal Muscle Dysfunction in COPD. Chest, 2014, 146, 932-940.	0.4	30
48	Pathways associated with reduced quadriceps oxidative fibres and endurance in COPD. European Respiratory Journal, 2013, 41, 1275-1283.	3.1	29
49	miRâ€422a suppresses SMAD4 protein expression and promotes resistance to muscle loss. Journal of Cachexia, Sarcopenia and Muscle, 2018, 9, 119-128.	2.9	28
50	KLF13 influences multiple stages of both B and T cell development. Cell Cycle, 2008, 7, 2047-2055.	1.3	27
51	FHL1 activates myostatin signalling in skeletal muscle and promotes atrophy. FEBS Open Bio, 2015, 5, 753-762.	1.0	27
52	miRâ€322â€5p targets <scp>IGF</scp>â€1 and is suppressed in the heart of rats with pulmonary hypertension. FEBS Open Bio, 2018, 8, 339-348.	1.0	27
53	COPD is accompanied by co-ordinated transcriptional perturbation in the quadriceps affecting the mitochondria and extracellular matrix. Scientific Reports, 2018, 8, 12165.	1.6	27
54	MuRF-1 and Atrogin-1 Protein Expression and Quadriceps Fiber Size and Muscle Mass in Stable Patients with COPD. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2013, 10, 618-624.	0.7	24

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55	Expression of alternatively spliced human latent transforming growth factor Î² binding protein-1. FEBS Letters, 1998, 435, 143-148.	1.3	22
56	ExpresiÃ³n y localizaciÃ³n del factor de transcripciÃ³n Yin Yang 1 en el mÃºsculo cuÃ¡driceps en la enfermedad pulmonar obstructiva crÃ³nica. Archivos De Bronconeumologia, 2011, 47, 296-302.	0.4	22
57	Metabolic profiling shows preâ€existing mitochondrial dysfunction contributes to muscle loss in a model of ICUâ€acquired weakness. Journal of Cachexia, Sarcopenia and Muscle, 2020, 11, 1321-1335.	2.9	22
58	Molecular cloning of the human HAND2 gene. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1998, 1443, 393-399.	2.4	20
59	Four isoforms of serum response factor that increase or inhibit smooth-muscle-specific promoter activity. Biochemical Journal, 2000, 345, 445.	1.7	19
60	MiR-181a: a potential biomarker of acute muscle wasting following elective high-risk cardiothoracic surgery. Critical Care, 2015, 19, 147.	2.5	18
61	Overexpression of a family of RPEL proteins modifies cell shape. FEBS Letters, 2005, 579, 100-104.	1.3	15
62	p38 Mitogen-activated Protein Kinase is Not Activated in the Quadriceps of Patients with Stable Chronic Obstructive Pulmonary Disease. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2012, 9, 142-150.	0.7	14
63	EGF receptor (EGFR) inhibition promotes a slow-twitch oxidative, over a fast-twitch, muscle phenotype. Scientific Reports, 2019, 9, 9218.	1.6	14
64	Mouse BTEB3, a new member of the basic transcription element binding protein (BTEB) family, activates expression from GC-rich minimal promoter regions. Biochemical Journal, 2000, 345, 529.	1.7	14
65	Quadriceps miR-542-3p and -5p are elevated in COPD and reduce function by inhibiting ribosomal and protein synthesis. Journal of Applied Physiology, 2019, 126, 1514-1524.	1.2	12
66	Selective modulation of the SM22Î± promoter by the binding of BTEB3 (basal transcription) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td	1.7	11
67	ID - A dominant negative regulator of skeletal muscle differentiation - is not involved in maturation or differentiation of vascular smooth muscle cells. FEBS Letters, 1995, 368, 81-86.	1.3	8
68	miR-1-5p targets TGF-Î²R1 and is suppressed in the hypertrophying hearts of rats with pulmonary arterial hypertension. PLoS ONE, 2020, 15, e0229409.	1.1	8
69	Decreased muscle PPAR concentrations: a mechanism underlying skeletal muscle abnormalities in COPD?. European Respiratory Journal, 2007, 30, 191-193.	3.1	7
70	Muscle Regeneration after Critical Illness: Are Satellite Cells the Answer?. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 780-782.	2.5	7
71	Muscle wasting in the presence of disease, why is it so variable?. Biological Reviews, 2019, 94, 1038-1055.	4.7	7
72	Visualization of alternative splicing in vivo. Methods, 2005, 37, 360-367.	1.9	5

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73	Perfusion of veins at arterial pressure increases the expression of KLF5 and cell cycle genes in smooth muscle cells. Biochemical and Biophysical Research Communications, 2010, 391, 818-823.	1.0	5
74	Circulating miRNAs from imprinted genomic regions are associated with peripheral muscle strength in COPDÂpatients. European Respiratory Journal, 2017, 49, 1601881.	3.1	5
75	Using laser capture microdissection to study fiber specific signaling in locomotor muscle in COPD: A pilot study. Muscle and Nerve, 2017, 55, 902-912.	1.0	4
76	Inhibition of PDGF BB stimulated DNA synthesis in rat aortic vascular smooth muscle cells by the expression of a truncated PDGFÎ² receptor. FEBS Letters, 1993, 336, 119-123.	1.3	3
77	Epigenetics and Susceptibility to Muscle Wasting in COPD. Archivos De Bronconeumologia, 2017, 53, 364-365.	0.4	2
78	EpigenÃ©tica y propensiÃ³n a la atrofia muscular en la EPOC. Archivos De Bronconeumologia, 2017, 53, 364-365.	0.4	2
79	A single enteral feed prior to the commencement of parenteral nutrition ameliorates the incidence of steatosis in parenterally fed neonatal piglets. Metabolomics, 2011, 7, 118-125.	1.4	0
80	Expression of Basic Helix-Loop-Helix Proteins and Smooth Muscle Phenotype in the Adult Rat Aorta. Developments in Cardiovascular Medicine, 1999, , 237-244.	0.1	0
81	Title is missing!. , 2020, 15, e0229409.		0
82	Title is missing!. , 2020, 15, e0229409.		0
83	Title is missing!. , 2020, 15, e0229409.		0
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