

Tae-Hwa Chun

List of Publications by Year in descending order

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43
papers

3,668
citations

159525

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254106

43
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44
all docs

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docs citations

44
times ranked

4537
citing authors

#	ARTICLE	IF	CITATIONS
1	Vascular Endothelial Growth Factor (VEGF) Expression in Human Coronary Atherosclerotic Lesions. <i>Circulation</i> , 1998, 98, 2108-2116.	1.6	437
2	A Pericellular Collagenase Directs the 3-Dimensional Development of White Adipose Tissue. <i>Cell</i> , 2006, 125, 577-591.	13.5	351
3	MT1-MMP-dependent neovessel formation within the confines of the three-dimensional extracellular matrix. <i>Journal of Cell Biology</i> , 2004, 167, 757-767.	2.3	311
4	Inhibition of Rho-Associated Kinase Results in Suppression of Neointimal Formation of Balloon-Injured Arteries. <i>Circulation</i> , 2000, 101, 2030-2033.	1.6	191
5	Adipose extracellular matrix remodelling in obesity and insulin resistance. <i>Biochemical Pharmacology</i> , 2016, 119, 8-16.	2.0	182
6	Shear Stress Augments Expression of C-Type Natriuretic Peptide and Adrenomedullin. <i>Hypertension</i> , 1997, 29, 1296-1302.	1.3	171
7	Significance and therapeutic potential of the natriuretic peptides/cGMP/cGMP-dependent protein kinase pathway in vascular regeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 3404-3409.	3.3	152
8	Oxidized LDL Regulates Vascular Endothelial Growth Factor Expression in Human Macrophages and Endothelial Cells Through Activation of Peroxisome Proliferator-Activated Receptor- β . <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001, 21, 560-566.	1.1	143
9	Down regulation of peroxisome proliferator-activated receptor β expression by inflammatory cytokines and its reversal by thiazolidinediones. <i>Diabetologia</i> , 1999, 42, 702-710.	2.9	127
10	On being the right size: scaling effects in designing a human-on-a-chip. <i>Integrative Biology (United Kingdom)</i> , 2010, 2, 119-125.	0.6	119
11	MT1-matrix metalloproteinase directs arterial wall invasion and neointima formation by vascular smooth muscle cells. <i>Journal of Experimental Medicine</i> , 2005, 202, 663-671.	4.2	117
12	An MT1-MMP-PDGF receptor- β axis regulates mural cell investment of the microvasculature. <i>Genes and Development</i> , 2005, 19, 979-991.	2.7	109
13	Thiazolidinediones, peroxisome proliferator-activated receptor β agonists, regulate endothelial cell growth and secretion of vasoactive peptides. <i>Atherosclerosis</i> , 2001, 158, 113-119.	0.4	102
14	Genetic Link Between Obesity and <i>MMP14</i> -Dependent Adipogenic Collagen Turnover. <i>Diabetes</i> , 2010, 59, 2484-2494.	0.3	91
15	Peri-adipocyte ECM remodeling in obesity and adipose tissue fibrosis. <i>Adipocyte</i> , 2012, 1, 89-95.	1.3	77
16	Oxidative stress augments secretion of endothelium-derived relaxing peptides, C-type natriuretic peptide and adrenomedullin. <i>Journal of Hypertension</i> , 2000, 18, 575-580.	0.3	75
17	C-Type Natriuretic Peptide Induces Redifferentiation of Vascular Smooth Muscle Cells With Accelerated Reendothelialization. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001, 21, 930-936.	1.1	72
18	Thrombospondin 1 as a novel biological marker of obesity and metabolic syndrome. <i>Metabolism: Clinical and Experimental</i> , 2015, 64, 1490-1499.	1.5	67

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19	Modification of GATA-2 Transcriptional Activity in Endothelial Cells by the SUMO E3 Ligase PIASy. <i>Circulation Research</i> , 2003, 92, 1201-1208.	2.0	65
20	HIF2A α LOX Pathway Promotes Fibrotic Tissue Remodeling in Thyroid-Associated Orbitopathy. <i>Endocrinology</i> , 2019, 160, 20-35.	1.4	65
21	Thrombospondin 1 Mediates High-Fat Diet-Induced Muscle Fibrosis and Insulin Resistance in Male Mice. <i>Endocrinology</i> , 2013, 154, 4548-4559.	1.4	64
22	cDNA Cloning and Gene Expression of Human Type I β cGMP-Dependent Protein Kinase. <i>Hypertension</i> , 1996, 27, 552-557.	1.3	63
23	Fibro-Adipogenic Remodeling of the Diaphragm in Obesity-Associated Respiratory Dysfunction. <i>Diabetes</i> , 2019, 68, 45-56.	0.3	49
24	Effects of Intravenously Administered C-type Natriuretic Peptide in Humans: Comparison with Atrial Natriuretic Peptide.. <i>Hypertension Research</i> , 1998, 21, 7-13.	1.5	46
25	Vascular Endothelial Growth Factor Suppresses C-Type Natriuretic Peptide Secretion. <i>Hypertension</i> , 1996, 27, 811-815.	1.3	43
26	Therapeutic potential of thiazolidinediones in activation of peroxisome proliferator-activated receptor β for monocyte recruitment and endothelial regeneration. <i>European Journal of Pharmacology</i> , 2005, 508, 255-265.	1.7	40
27	Regulation of Endothelial Production of C-Type Natriuretic Peptide by Interaction between Endothelial Cells and Macrophages*. <i>Endocrinology</i> , 1998, 139, 1920-1926.	1.4	37
28	Opposite Regulation of Gata Homeobox Expression by Angiotensin II and C-Type Natriuretic Peptide. <i>Hypertension</i> , 1997, 29, 381-385.	1.3	34
29	Coordinate regulation of endothelin and adrenomedullin secretion by oxidative stress in endothelial cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001, 281, H1364-H1371.	1.5	33
30	Physiologic Shear Stress Suppresses Endothelin-Converting Enzyme-1 Expression in Vascular Endothelial Cells. <i>Journal of Cardiovascular Pharmacology</i> , 1998, 31, S42-S45.	0.8	31
31	Adenovirus-Mediated Gene Transfer of C-Type Natriuretic Peptide Causes G1 Growth Inhibition of Cultured Vascular Smooth Muscle Cells. <i>Biochemical and Biophysical Research Communications</i> , 1997, 239, 889-894.	1.0	28
32	Fat depot-specific gene signature and ECM remodeling of Sca1 ^{high} adipose-derived stem cells. <i>Matrix Biology</i> , 2014, 36, 28-38.	1.5	27
33	Transcription factor 21 (TCF21) promotes proinflammatory interleukin 6 expression and extracellular matrix remodeling in visceral adipose stem cells. <i>Journal of Biological Chemistry</i> , 2018, 293, 6603-6610.	1.6	25
34	Adipogenic Histone Mark Regulation by Matrix Metalloproteinase 14 in Collagen-Rich Microenvironments. <i>Molecular Endocrinology</i> , 2011, 25, 745-753.	3.7	20
35	Significance of Vascular Natriuretic Peptide System in Vascular Remodeling in Humans and Its Application to Gene Therapy. <i>Annals of the New York Academy of Sciences</i> , 1997, 811, 533-541.	1.8	18
36	3-D Adipocyte Differentiation and Peri-adipocyte Collagen Turnover. <i>Methods in Enzymology</i> , 2014, 538, 15-34.	0.4	18

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37	Altered gene expression of uncoupling protein-2 and -3 in stroke-prone spontaneously hypertensive rats. <i>Journal of Hypertension</i> , 2000, 18, 1233-1238.	0.3	16
38	Angiotensin II suppresses growth arrest specific homeobox (Gax) expression via redox-sensitive mitogen-activated protein kinase (MAPK). <i>Regulatory Peptides</i> , 2005, 127, 159-167.	1.9	13
39	Membrane-â€Tethered Metalloproteinase Expressed by Vascular Smooth Muscle Cells Limits the Progression of Proliferative Atherosclerotic Lesions. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	12
40	The Exocyst Complex Regulates Free Fatty Acid Uptake by Adipocytes. <i>PLoS ONE</i> , 2015, 10, e0120289.	1.1	9
41	Designing 3-D Adipospheres for Quantitative Metabolic Study. <i>Methods in Molecular Biology</i> , 2017, 1566, 177-183.	0.4	8
42	Cellular and Molecular Aspects of C-Type Natriuretic Peptide (CNP)., 1997, , 107-122.		2
43	Immunomagnetic Separation of Fat Depot-specific Sca1^{high} Adipose-derived Stem Cells (ASCs). <i>Journal of Visualized Experiments</i> , 2016, , .	0.2	1