

Tsung-Lin Cheng

List of Publications by Year in descending order

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52
papers

995
citations

394390

19
h-index

501174

28
g-index

53
all docs

53
docs citations

53
times ranked

1577
citing authors

#	ARTICLE	IF	CITATIONS
1	The Role of Mitochondrial Metabolism, AMPK-SIRT Mediated Pathway, LncRNA and MicroRNA in Osteoarthritis. <i>Biomedicines</i> , 2022, 10, 1477.	3.2	0
2	Tumor endothelial marker 1 is upregulated in heart after cardiac injury and participates in cardiac remodeling. <i>Scientific Reports</i> , 2022, 12, .	3.3	3
3	An Intermediate Concentration of Calcium with Antioxidant Supplement in Culture Medium Enhances Proliferation and Decreases the Aging of Bone Marrow Mesenchymal Stem Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2095.	4.1	4
4	Recombinant thrombomodulin lectin-like domain attenuates <i>Porphyromonas gingivalis</i> lipopolysaccharide-induced osteoclastogenesis and periodontal bone resorption. <i>Journal of Periodontology</i> , 2021, 92, 1622-1634.	3.4	9
5	Application of microRNA in Human Osteoporosis and Fragility Fracture: A Systemic Review of Literatures. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5232.	4.1	5
6	Role of tumor endothelial marker 1 (Endosialin/CD248) lectin-like domain in lipopolysaccharide-induced macrophage activation and sepsis in mice. <i>Translational Research</i> , 2021, 232, 150-162.	5.0	3
7	Molecular Weight of Hyaluronic Acid Has Major Influence on Its Efficacy and Safety for Viscosupplementation in Hip Osteoarthritis: A Systematic Review and Meta-Analysis. <i>Cartilage</i> , 2021, 13, 169S-184S.	2.7	14
8	Raloxifene Ameliorates Glucosamine-Induced Insulin Resistance in Ovariectomized Rats. <i>Biomedicines</i> , 2021, 9, 1114.	3.2	4
9	Intra-articular low-dose parathyroid hormone (1-34) improves mobility and articular cartilage quality in a preclinical age-related knee osteoarthritis model. <i>Bone and Joint Research</i> , 2021, 10, 514-525.	3.6	13
10	Intra-Articular Injection of (âˆš)-Epigallocatechin 3-Gallate (EGCG) Ameliorates Cartilage Degeneration in Guinea Pigs with Spontaneous Osteoarthritis. <i>Antioxidants</i> , 2021, 10, 178.	5.1	15
11	CCDC167 as a potential therapeutic target and regulator of cell cycle-related networks in breast cancer. <i>Aging</i> , 2021, 13, 4157-4181.	3.1	22
12	Intra-Articular Injection of (-)-Epigallocatechin 3-Gallate to Attenuate Articular Cartilage Degeneration by Enhancing Autophagy in a Post-Traumatic Osteoarthritis Rat Model. <i>Antioxidants</i> , 2021, 10, 8.	5.1	25
13	The Essential Role of Stathmin in Myoblast C2C12 for Vertical Vibration-Induced Myotube Formation. <i>Biomolecules</i> , 2021, 11, 1583.	4.0	1
14	Upregulation of Fibrinogen-Like 1 Expression Contributes to Reducing the Progression of Preeclampsia. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 757643.	3.7	4
15	Discoidin Domain Receptor 1 Regulates Runx2 during Osteogenesis of Osteoblasts and Promotes Bone Ossification via Phosphorylation of p38. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7210.	4.1	14
16	Discoidin Domain Receptors 1 Inhibition Alleviates Osteoarthritis via Enhancing Autophagy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6991.	4.1	17
17	Osteoprotective Roles of Green Tea Catechins. <i>Antioxidants</i> , 2020, 9, 1136.	5.1	29
18	Effects of Lipids and Lipoproteins on Mesenchymal Stem Cells Used in Cardiac Tissue Regeneration. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4770.	4.1	12

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19	Pharmacological Inhibition of Cathepsin S Suppresses Abdominal Aortic Aneurysm in Mice. <i>European Journal of Vascular and Endovascular Surgery</i> , 2020, 59, 990-999.	1.5	16
20	Thrombomodulin Functional Domains Support Osteoblast Differentiation and Bone Healing in Diabetes in Mice. <i>Journal of Bone and Mineral Research</i> , 2020, 35, 1812-1823.	2.8	8
21	Green Tea Catechin (-)-Epigallocatechin-3-Gallate (EGCG) Facilitates Fracture Healing. <i>Biomolecules</i> , 2020, 10, 620.	4.0	25
22	(α^*)-Epigallocatechin-3-gallate (EGCG) enhances healing of femoral bone defect. <i>Phytomedicine</i> , 2019, 55, 165-171.	5.3	29
23	Tumor Endothelial Marker 1 (TEM1/Endosialin/CD248) Enhances Wound Healing by Interacting with Platelet-Derived Growth Factor Receptors. <i>Journal of Investigative Dermatology</i> , 2019, 139, 2204-2214.e7.	0.7	18
24	(α^*)-Epigallocatechin-3-Gallate (EGCG) Enhances Osteogenic Differentiation of Human Bone Marrow Mesenchymal Stem Cells. <i>Molecules</i> , 2018, 23, 3221.	3.8	60
25	Transforming growth factor beta 1 mediates the low-frequency vertical vibration enhanced production of tenomodulin and type I collagen in rat Achilles tendon. <i>PLoS ONE</i> , 2018, 13, e0205258.	2.5	7
26	Plasminogen/thrombomodulin signaling enhances VEGF expression to promote cutaneous wound healing. <i>Journal of Molecular Medicine</i> , 2018, 96, 1333-1344.	3.9	18
27	Exercise training ameliorates glucosamine-induced insulin resistance in ovariectomized rats. <i>Menopause</i> , 2017, 24, 617-623.	2.0	14
28	Recombinant adeno-associated virus vector carrying the thrombomodulin lectin-like domain for the treatment of abdominal aortic aneurysm. <i>Atherosclerosis</i> , 2017, 262, 62-70.	0.8	11
29	Myeloid thrombomodulin lectin-like domain inhibits osteoclastogenesis and inflammatory bone loss. <i>Scientific Reports</i> , 2016, 6, 28340.	3.3	12
30	Toll-Like Receptor 4 Is Essential in the Development of Abdominal Aortic Aneurysm. <i>PLoS ONE</i> , 2016, 11, e0146565.	2.5	40
31	Thrombomodulin promotes focal adhesion kinase activation and contributes to angiogenesis by binding to fibronectin. <i>Oncotarget</i> , 2016, 7, 68122-68139.	1.8	21
32	Improvement of Acetylcholine-Induced Vasodilation by Acute Exercise in Ovariectomized Hypertensive Rats. <i>Chinese Journal of Physiology</i> , 2016, 59, 165-172.	1.0	8
33	beta-Naphthoflavone protects from peritonitis by reducing TNF-alpha-induced endothelial cell activation. <i>Pharmacological Research</i> , 2015, 102, 192-199.	7.1	9
34	Thrombomodulin Promotes Diabetic Wound Healing by Regulating Toll-Like Receptor 4 Expression. <i>Journal of Investigative Dermatology</i> , 2015, 135, 1668-1675.	0.7	19
35	Long-term treadmill training ameliorates endothelium-dependent vasorelaxation mediated by insulin and insulin-like growth factor-1 in hypertension. <i>Journal of Applied Physiology</i> , 2015, 119, 663-669.	2.5	8
36	Membrane-Bound Thrombomodulin Regulates Macrophage Inflammation in Abdominal Aortic Aneurysm. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 2412-2422.	2.4	34

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37	Study The Role of Serotonin 2B Receptor in Osteoclastogenesis. <i>FASEB Journal</i> , 2015, 29, LB22.	0.5	0
38	RHBDL2 Is a Critical Membrane Protease for Anoikis Resistance in Human Malignant Epithelial Cells. <i>Scientific World Journal</i> , The, 2014, 2014, 1-8.	2.1	16
39	Induction of Apurinic Endonuclease 1 Overexpression by Endoplasmic Reticulum Stress in Hepatoma Cells. <i>International Journal of Molecular Sciences</i> , 2014, 15, 12442-12457.	4.1	16
40	Baicalein Inhibits HMGB1 Release and MMP-2/-9 Expression in Lipopolysaccharide-Induced Cardiac Hypertrophy. <i>The American Journal of Chinese Medicine</i> , 2014, 42, 785-797.	3.8	25
41	Thrombomodulin Regulates Keratinocyte Differentiation and Promotes Wound Healing. <i>Journal of Investigative Dermatology</i> , 2013, 133, 1638-1645.	0.7	22
42	Recombinant Human Thrombomodulin Suppresses Experimental Abdominal Aortic Aneurysms Induced by Calcium Chloride in Mice. <i>Annals of Surgery</i> , 2013, 258, 1103-1110.	4.2	25
43	Loss of the respiratory enzyme citrate synthase directly links the Warburg effect to tumor malignancy. <i>Scientific Reports</i> , 2012, 2, 785.	3.3	108
44	Functions of Rhomboid Family Protease RHBDL2 and Thrombomodulin in Wound Healing. <i>Journal of Investigative Dermatology</i> , 2011, 131, 2486-2494.	0.7	51
45	Identification and characterization of the mitochondrial targeting sequence and mechanism in human citrate synthase. <i>Journal of Cellular Biochemistry</i> , 2009, 107, 1002-1015.	2.6	36
46	Construction of Simple and Efficient DNA Vector-Based Short Hairpin RNA Expression Systems for Specific Gene Silencing in Mammalian Cells. <i>Methods in Molecular Biology</i> , 2007, 408, 223-241.	0.9	18
47	A tightly regulated and reversibly inducible siRNA expression system for conditional RNAi-mediated gene silencing in mammalian cells. <i>Journal of Gene Medicine</i> , 2007, 9, 620-634.	2.8	19
48	A novel bidirectional expression system for simultaneous expression of both the protein-coding genes and short hairpin RNAs in mammalian cells. <i>Biochemical and Biophysical Research Communications</i> , 2006, 339, 1035-1042.	2.1	14
49	A novel siRNA validation system for functional screening and identification of effective RNAi probes in mammalian cells. <i>Biochemical and Biophysical Research Communications</i> , 2006, 346, 707-720.	2.1	30
50	Simple and efficient DNA vector-based RNAi systems in mammalian cells. <i>Biochemical and Biophysical Research Communications</i> , 2005, 330, 53-59.	2.1	31
51	Therapeutic inhibition of hepatitis B virus surface antigen expression by RNA interference. <i>Biochemical and Biophysical Research Communications</i> , 2005, 336, 820-830.	2.1	23
52	LrrA, a novel leucine-rich repeat protein involved in cytoskeleton remodeling, is required for multicellular morphogenesis in <i>Dictyostelium discoideum</i> . <i>Developmental Biology</i> , 2005, 285, 238-251.	2.0	10