

# Yan-Hsiung Wang

## List of Publications by Year in descending order

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46  
papers

1,546  
citations

304743

22  
h-index

302126

39  
g-index

46  
all docs

46  
docs citations

46  
times ranked

2516  
citing authors

#	ARTICLE	IF	CITATIONS
1	Proliferation and differentiation potential of human adipose-derived mesenchymal stem cells isolated from elderly patients with osteoporotic fractures. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 582-592.	3.6	189
2	Identification and Characterization of a Novel p300-mediated p53 Acetylation Site, Lysine 305. <i>Journal of Biological Chemistry</i> , 2003, 278, 25568-25576.	3.4	83
3	( $\alpha^*$ )-Epigallocatechin gallate inhibition of osteoclastic differentiation via NF- $\kappa$ B. <i>Biochemical and Biophysical Research Communications</i> , 2009, 379, 1033-1037.	2.1	76
4	Low-Power Laser Irradiation Suppresses Inflammatory Response of Human Adipose-Derived Stem Cells by Modulating Intracellular Cyclic AMP Level and NF- $\kappa$ B Activity. <i>PLoS ONE</i> , 2013, 8, e54067.	2.5	75
5	Detection of the Hepatitis B Virus X Protein (HBx) Antigen and Anti-HBx Antibodies in Cases of Human Hepatocellular Carcinoma. <i>Journal of Clinical Microbiology</i> , 2003, 41, 5598-5603.	3.9	74
6	HCMV IE2-mediated inhibition of HAT activity downregulates p53 function. <i>EMBO Journal</i> , 2004, 23, 2269-2280.	7.8	74
7	A Strategy for Identification and Quantitation of Phosphopeptides by Liquid Chromatography/Tandem Mass Spectrometry. <i>Analytical Biochemistry</i> , 2000, 287, 55-64.	2.4	68
8	Low-power laser irradiation promotes the proliferation and osteogenic differentiation of human periodontal ligament cells via cyclic adenosine monophosphate. <i>International Journal of Oral Science</i> , 2013, 5, 85-91.	8.6	66
9	Hybrid ZnO/chitosan antimicrobial coatings with enhanced mechanical and bioactive properties for titanium implants. <i>Carbohydrate Polymers</i> , 2021, 257, 117639.	10.2	62
10	Low-Level Laser Irradiation Improves Functional Recovery and Nerve Regeneration in Sciatic Nerve Crush Rat Injury Model. <i>PLoS ONE</i> , 2014, 9, e103348.	2.5	62
11	Low-level laser irradiation promotes cell proliferation and mRNA expression of type I collagen and decorin in porcine achilles tendon fibroblasts <i>In Vitro</i>. <i>Journal of Orthopaedic Research</i> , 2009, 27, 646-650.	2.3	57
12	Electromagnetic fields enhance chondrogenesis of human adipose-derived stem cells in a chondrogenic microenvironment in vitro. <i>Journal of Applied Physiology</i> , 2013, 114, 647-655.	2.5	51
13	Ethanol May Suppress Wnt/ $\beta^2$ -catenin Signaling on Human Bone Marrow Stroma Cells. <i>Clinical Orthopaedics and Related Research</i> , 2008, 466, 1047-1053.	1.5	42
14	Synthesis and characterization of cationic polymeric nanoparticles as simvastatin carriers for enhancing the osteogenesis of bone marrow mesenchymal stem cells. <i>Journal of Colloid and Interface Science</i> , 2014, 432, 190-199.	9.4	42
15	Low-Power GaAlAs Laser Irradiation Promotes the Proliferation and Osteogenic Differentiation of Stem Cells via IGF1 and BMP2. <i>PLoS ONE</i> , 2012, 7, e44027.	2.5	40
16	Anti-inflammatory effects of low-level laser therapy on human periodontal ligament cells: in vitro study. <i>Lasers in Medical Science</i> , 2018, 33, 469-477.	2.1	39
17	Effects of Low-Level Laser Therapy on M1-Related Cytokine Expression in Monocytes via Histone Modification. <i>Mediators of Inflammation</i> , 2014, 2014, 1-13.	3.0	38
18	Microporation Is a Valuable Transfection Method for Gene Expression in Human Adipose Tissue-derived Stem Cells. <i>Molecular Therapy</i> , 2009, 17, 302-308.	8.2	37

#	ARTICLE	IF	CITATIONS
19	Low power laser irradiation and human adipose-derived stem cell treatments promote bone regeneration in critical-sized calvarial defects in rats. PLoS ONE, 2018, 13, e0195337.	2.5	32
20	Low-magnitude vertical vibration enhances myotube formation in C2C12 myoblasts. Journal of Applied Physiology, 2010, 109, 840-848.	2.5	31
21	Effect of Low Level Laser Therapy on Chronic Compression of the Dorsal Root Ganglion. PLoS ONE, 2014, 9, e89894.	2.5	23
22	Preparation of porous bioceramics using reverse thermo-responsive hydrogels in combination with rhBMP-2 carriers: In vitro and in vivo evaluation. Journal of the Mechanical Behavior of Biomedical Materials, 2013, 27, 64-76.	3.1	22
23	The effect of low-level laser irradiation on hyperglycemia-induced inflammation in human gingival fibroblasts. Lasers in Medical Science, 2019, 34, 913-920.	2.1	21
24	Characterization and evaluation of the differentiation ability of human adipose-derived stem cells growing in scaffold-free suspension culture. Cytotherapy, 2014, 16, 485-495.	0.7	18
25	Combination of a Bioceramic Scaffold and Simvastatin Nanoparticles as a Synthetic Alternative to Autologous Bone Grafting. International Journal of Molecular Sciences, 2018, 19, 4099.	4.1	18
26	The feasibility of eco-friendly electrical discharge machining for surface modification of Ti: A comparison study in surface properties, bioactivity, and cytocompatibility. Materials Science and Engineering C, 2020, 108, 110192.	7.3	18
27	Discoidin Domain Receptors 1 Inhibition Alleviates Osteoarthritis via Enhancing Autophagy. International Journal of Molecular Sciences, 2020, 21, 6991.	4.1	17
28	The Influence of Monoamine Oxidase Variants on the Risk of Betel Quid-Associated Oral and Pharyngeal Cancer. Scientific World Journal, The, 2014, 2014, 1-8.	2.1	16
29	Combination of calcium sulfate and simvastatin-controlled release microspheres enhances bone repair in critical-sized rat calvarial bone defects. International Journal of Nanomedicine, 2015, 10, 7231.	6.7	15
30	Characterization of a Novel Dermal Fibrosis Model Induced by Areca Nut Extract that Mimics Oral Submucous Fibrosis. PLoS ONE, 2016, 11, e0166454.	2.5	15
31	Discoidin Domain Receptor 1 Regulates Runx2 during Osteogenesis of Osteoblasts and Promotes Bone Ossification via Phosphorylation of p38. International Journal of Molecular Sciences, 2020, 21, 7210.	4.1	14
32	Myeloid thrombomodulin lectin-like domain inhibits osteoclastogenesis and inflammatory bone loss. Scientific Reports, 2016, 6, 28340.	3.3	12
33	Photobiomodulation therapy inhibits oral submucous fibrosis in mice. Oral Diseases, 2020, 26, 1474-1482.	3.0	12
34	Drug-release dynamics and antibacterial activities of chitosan/cefazolin coatings on Ti implants. Progress in Organic Coatings, 2021, 159, 106385.	3.9	12
35	Formability of Fe-doped bioglass scaffold via selective laser sintering. Ceramics International, 2020, 46, 16510-16517.	4.8	11
36	Bioactive Glass as a Nanoporous Drug Delivery System for Teicoplanin. Applied Sciences (Switzerland), 2020, 10, 2595.	2.5	10

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37	Low-power laser irradiation inhibits arecoline-induced fibrosis: an in vitro study. International Journal of Oral Science, 2017, 9, 38-42.	8.6	9
38	A study of Drynaria fortunei in modulation of BMP“2 signalling by bone tissue engineering. Turkish Journal of Medical Sciences, 2020, 50, 1444-1453.	0.9	8
39	Expression of a Splice Variant of CYP26B1 in Betel Quid-Related Oral Cancer. Scientific World Journal, The, 2014, 2014, 1-8.	2.1	7
40	Transforming growth factor beta 1 mediates the low-frequency vertical vibration enhanced production of tenomodulin and type I collagen in rat Achilles tendon. PLoS ONE, 2018, 13, e0205258.	2.5	7
41	The Effects of Photobiomodulation on Bone Defect Repairing in a Diabetic Rat Model. International Journal of Molecular Sciences, 2021, 22, 11026.	4.1	6
42	3D printed bioceramics fabricated using negative thermoresponsive hydrogels and silicone oil sealing to promote bone formation in calvarial defects. Ceramics International, 2021, 47, 5464-5476.	4.8	5
43	Xanthine Derivative KMUP-1 Attenuates Experimental Periodontitis by Reducing Osteoclast Differentiation and Inflammation. Frontiers in Pharmacology, 2022, 13, 821492.	3.5	4
44	Evaluations of clinical-grade bone substitute-combined simvastatin carriers to enhance bone growth: In vitro and in vivo analyses. Journal of Bioactive and Compatible Polymers, 2018, 33, 160-177.	2.1	3
45	Application of simulation-based CYP26 SNP-environment barcodes for evaluating the occurrence of oral malignant disorders by odds ratio-based binary particle swarm optimization: A case-control study in the Taiwanese population. PLoS ONE, 2019, 14, e0220719.	2.5	3
46	Controlled aggregation of Ag nanoparticles on oxide templates on nitinol by electrodeposition. Materials Letters, 2020, 267, 127531.	2.6	2