

Yan-Hsiung Wang

List of Publications by Year in descending order

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46
papers

1,546
citations

304701

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302107

39
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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 | ($\hat{\alpha}$)-Epigallocatechin gallate inhibition of osteoclastic differentiation via NF- $\hat{\kappa}$ 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- $\hat{\kappa}$ 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/ $\hat{\beta}$ 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 |

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|----|--|-----|-----------|
| 19 | Low power laser irradiation and human adipose-derived stem cell treatments promote bone regeneration in critical-sized calvarial defects in rats. <i>PLoS ONE</i> , 2018, 13, e0195337. | 2.5 | 32 |
| 20 | Low-magnitude vertical vibration enhances myotube formation in C2C12 myoblasts. <i>Journal of Applied Physiology</i> , 2010, 109, 840-848. | 2.5 | 31 |
| 21 | Effect of Low Level Laser Therapy on Chronic Compression of the Dorsal Root Ganglion. <i>PLoS ONE</i> , 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. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2013, 27, 64-76. | 3.1 | 22 |
| 23 | The effect of low-level laser irradiation on hyperglycemia-induced inflammation in human gingival fibroblasts. <i>Lasers in Medical Science</i> , 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. <i>Cytotherapy</i> , 2014, 16, 485-495. | 0.7 | 18 |
| 25 | Combination of a Bioceramic Scaffold and Simvastatin Nanoparticles as a Synthetic Alternative to Autologous Bone Grafting. <i>International Journal of Molecular Sciences</i> , 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. <i>Materials Science and Engineering C</i> , 2020, 108, 110192. | 7.3 | 18 |
| 27 | Discoidin Domain Receptors 1 Inhibition Alleviates Osteoarthritis via Enhancing Autophagy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6991. | 4.1 | 17 |
| 28 | The Influence of Monoamine Oxidase Variants on the Risk of Betel Quid-Associated Oral and Pharyngeal Cancer. <i>Scientific World Journal</i> , 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. <i>International Journal of Nanomedicine</i> , 2015, 10, 7231. | 6.7 | 15 |
| 30 | Characterization of a Novel Dermal Fibrosis Model Induced by Areca Nut Extract that Mimics Oral Submucous Fibrosis. <i>PLoS ONE</i> , 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. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7210. | 4.1 | 14 |
| 32 | Myeloid thrombomodulin lectin-like domain inhibits osteoclastogenesis and inflammatory bone loss. <i>Scientific Reports</i> , 2016, 6, 28340. | 3.3 | 12 |
| 33 | Photobiomodulation therapy inhibits oral submucous fibrosis in mice. <i>Oral Diseases</i> , 2020, 26, 1474-1482. | 3.0 | 12 |
| 34 | Drug-release dynamics and antibacterial activities of chitosan/cefazolin coatings on Ti implants. <i>Progress in Organic Coatings</i> , 2021, 159, 106385. | 3.9 | 12 |
| 35 | Formability of Fe-doped bioglass scaffold via selective laser sintering. <i>Ceramics International</i> , 2020, 46, 16510-16517. | 4.8 | 11 |
| 36 | Bioactive Glass as a Nanoporous Drug Delivery System for Teicoplanin. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2595. | 2.5 | 10 |

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|----|--|-----|-----------|
| 37 | Low-power laser irradiation inhibits arecoline-induced fibrosis: an in vitro study. <i>International Journal of Oral Science</i> , 2017, 9, 38-42. | 8.6 | 9 |
| 38 | A study of <i>Drynaria fortunei</i> in modulation of BMP α 2 signalling by bone tissue engineering. <i>Turkish Journal of Medical Sciences</i> , 2020, 50, 1444-1453. | 0.9 | 8 |
| 39 | Expression of a Splice Variant of CYP26B1 in Betel Quid-Related Oral Cancer. <i>Scientific World Journal</i> , 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. <i>PLoS ONE</i> , 2018, 13, e0205258. | 2.5 | 7 |
| 41 | The Effects of Photobiomodulation on Bone Defect Repairing in a Diabetic Rat Model. <i>International Journal of Molecular Sciences</i> , 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. <i>Ceramics International</i> , 2021, 47, 5464-5476. | 4.8 | 5 |
| 43 | Xanthine Derivative KMUP-1 Attenuates Experimental Periodontitis by Reducing Osteoclast Differentiation and Inflammation. <i>Frontiers in Pharmacology</i> , 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. <i>Journal of Bioactive and Compatible Polymers</i> , 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. <i>PLoS ONE</i> , 2019, 14, e0220719. | 2.5 | 3 |
| 46 | Controlled aggregation of Ag nanoparticles on oxide templates on nitinol by electrodeposition. <i>Materials Letters</i> , 2020, 267, 127531. | 2.6 | 2 |