

# Tong-Mei Wang

## List of Publications by Year in descending order

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43  
papers

1,022  
citations

430874

18  
h-index

414414

32  
g-index

43  
all docs

43  
docs citations

43  
times ranked

1406  
citing authors

#	ARTICLE	IF	CITATIONS
1	Roles of keratinocyte inflammation in oral cancer: regulating the prostaglandin E2, interleukin-6 and TNF- $\alpha$ production of oral epithelial cells by areca nut extract and arecoline. <i>Carcinogenesis</i> , 2003, 24, 1301-1315.	2.8	173
2	The role of lipopolysaccharide in infectious bone resorption of periapical lesion. <i>Journal of Oral Pathology and Medicine</i> , 2004, 33, 162-169.	2.7	124
3	The role of reactive oxygen species and hemeoxygenase-1 expression in the cytotoxicity, cell cycle alteration and apoptosis of dental pulp cells induced by BisGMA. <i>Biomaterials</i> , 2010, 31, 8164-8171.	11.4	80
4	Effects of prosthesis materials and prosthesis splinting on peri-implant bone stress around implants in poor-quality bone: a numeric analysis. <i>International Journal of Oral and Maxillofacial Implants</i> , 2002, 17, 231-7.	1.4	68
5	Prolonged exposure to arecoline arrested human KB epithelial cell growth: Regulatory mechanisms of cell cycle and apoptosis. <i>Toxicology</i> , 2006, 220, 81-89.	4.2	60
6	Areca nut-induced buccal mucosa fibroblast contraction and its signaling: a potential role in oral submucous fibrosis—a precancer condition. <i>Carcinogenesis</i> , 2013, 34, 1096-1104.	2.8	52
7	Antioxidative and Antiplatelet Effects of Aqueous Inflorescence Piper betle Extract. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 2083-2088.	5.2	42
8	The mechanisms of cytotoxicity of urethane dimethacrylate to Chinese hamster ovary cells. <i>Biomaterials</i> , 2010, 31, 6917-6925.	11.4	37
9	Antiplatelet effect by p-cresol, a uremic and environmental toxicant, is related to inhibition of reactive oxygen species, ERK/p38 signaling and thromboxane A2 production. <i>Atherosclerosis</i> , 2011, 219, 559-565.	0.8	29
10	Effects of fabrication techniques on denture base adaptation: An in vitro study. <i>Journal of Prosthetic Dentistry</i> , 2020, 124, 740-747.	2.8	29
11	Antiplatelet effect of phloroglucinol is related to inhibition of cyclooxygenase, reactive oxygen species, ERK/p38 signaling and thromboxane A2 production. <i>Toxicology and Applied Pharmacology</i> , 2012, 263, 287-295.	2.8	28
12	Antiplatelet Effect of Catechol Is Related to Inhibition of Cyclooxygenase, Reactive Oxygen Species, ERK/p38 Signaling and Thromboxane A2 Production. <i>PLoS ONE</i> , 2014, 9, e104310.	2.5	26
13	Areca nut-induced micronuclei and cytokinesis failure in Chinese hamster ovary cells is related to reactive oxygen species production and actin filament deregulation. <i>Environmental and Molecular Mutagenesis</i> , 2009, 50, 367-374.	2.2	24
14	A knowledge centric methodology for dental implant technology assessment using ontology based patent analysis and clinical meta-analysis. <i>Advanced Engineering Informatics</i> , 2014, 28, 153-165.	8.0	24
15	Constructing a dental implant ontology for domain specific clustering and life span analysis. <i>Advanced Engineering Informatics</i> , 2013, 27, 346-357.	8.0	22
16	Expression of p16INK4A Induces Dominant Suppression of Glioblastoma Growth in Situ through Necrosis and Cell Cycle Arrest. <i>Biochemical and Biophysical Research Communications</i> , 2000, 269, 718-725.	2.1	20
17	Regulation of Vascular Cell Adhesion Molecule-1 in Dental Pulp Cells by Interleukin-1 $\beta$ : The Role of Prostanoids. <i>Journal of Endodontics</i> , 2012, 38, 774-779.	3.1	20
18	Signaling mechanism of thrombin-induced gingival fibroblast-populated collagen gel contraction. <i>British Journal of Pharmacology</i> , 2006, 147, 188-198.	5.4	19

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19	Effect of interleukin-1 $\beta$ on ICAM-1 expression of dental pulp cells: role of PI3K/Akt, MEK/ERK, and cyclooxygenase. <i>Clinical Oral Investigations</i> , 2015, 19, 117-126.	3.0	19
20	Comparative cytotoxicity of five current dentin bonding agents: Role of cell cycle deregulation. <i>Acta Biomaterialia</i> , 2009, 5, 3404-3410.	8.3	16
21	Effect of Butyrate on Collagen Expression, Cell Viability, Cell Cycle Progression and Related Proteins Expression of MG-63 Osteoblastic Cells. <i>PLoS ONE</i> , 2016, 11, e0165438.	2.5	14
22	Toxic mechanisms of Roth801, Canals, microparticles and nanoparticles of ZnO on MG-63 osteoblasts. <i>Materials Science and Engineering C</i> , 2021, 119, 111635.	7.3	13
23	Preliminary evaluation of BMP-2-derived peptide in repairing a peri-implant critical size defect: A canine model. <i>Journal of the Formosan Medical Association</i> , 2021, 120, 1212-1220.	1.7	12
24	Regulation of the regenerative activity of dental pulp stem cells from exfoliated deciduous teeth (SHED) of children by TGF- $\beta$ 1 is associated with ALK5/Smad2, TAK1, p38 and MEK/ERK signaling. <i>Aging</i> , 2020, 12, 21253-21272.	3.1	12
25	Prostaglandin E2 Stimulates EP2, Adenylate Cyclase, Phospholipase C, and Intracellular Calcium Release to Mediate Cyclic Adenosine Monophosphate Production in Dental Pulp Cells. <i>Journal of Endodontics</i> , 2016, 42, 584-588.	3.1	11
26	Effects of low-dose rhBMP-2 on peri-implant ridge augmentation in a canine model. <i>Journal of Clinical Periodontology</i> , 2021, 48, 734-744.	4.9	10
27	Intrusion and reversal of a free-standing natural tooth bounded by two implant-supported prostheses: A clinical report. <i>Journal of Prosthetic Dentistry</i> , 2004, 92, 418-422.	2.8	9
28	Strategies for oral health care for people with disabilities in Taiwan. <i>Journal of Dental Sciences</i> , 2009, 4, 165-172.	2.5	8
29	Effect of butyrate, a bacterial by-product, on the viability and ICAM-1 expression/production of human vascular endothelial cells: Role in infectious pulpal/periapical diseases. <i>International Endodontic Journal</i> , 2022, 55, 38-53.	5.0	6
30	Facile dental resin composites with tunable fluorescence by tailoring Cd-free quantum dots. <i>RSC Advances</i> , 2013, 3, 16639.	3.6	3
31	Ontology-based dental implant connection patent analysis. , 2013, , .		3
32	Dimensional changes of complete dentures fabricated by milled and printed techniques: An in-vitro study. <i>Journal of Prosthetic Dentistry</i> , 2021, , .	2.8	3
33	Effect of scan delay on measurements of an occlusal pressure sensitive film: An in-vitro study. <i>Journal of Dental Sciences</i> , 2022, 17, 30-34.	2.5	2
34	A technique to transfer screw-retained angled abutments before inserting a definitive prosthesis. <i>Journal of Prosthetic Dentistry</i> , 2006, 96, 222-223.	2.8	1
35	A novel field barrier method for patients with an impaired glossopalatal seal. <i>Journal of Prosthetic Dentistry</i> , 2013, 109, 206-207.	2.8	1
36	Computer Supported ontology-based patent analysis considering business processes and strategic patent portfolio management. , 2015, , .		1

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37	Piezography approach to denture fabrication for a partial glossectomy patient: A clinical report. International Journal of Maxillofacial Prosthetics, 2021, 4, 37-42.	0.1	1
38	Screw hole-positioning guide and plate-positioning guide: A novel method to assist mandibular reconstruction. Journal of Dental Sciences, 2012, 7, 301-305.	2.5	0
39	Evaluation of the slumping property of dental composites during modeling. Journal of Dental Sciences, 2012, 7, 330-335.	2.5	0
40	OSC33: Correlation between Applied Occlusal Load and Force Measured from Dental Prescale System. Journal of Indian Prosthodontic Society, The, 2018, 18, S21-S22.	1.0	0
41	OSC31: Evaluation of the Bond Strength of New Tissue Conditioner with Addition of PMMA Resin. Journal of Indian Prosthodontic Society, The, 2018, 18, S21.	1.0	0
42	Resolution of Excessive Interocclusal Restoration Space Postâ€Mandibulectomy Using a Twoâ€Layer Retrievable Fixed Implantâ€Supported Prosthesis: A Case Report. Journal of Prosthodontics, 2022, , .	3.7	0
43	Communication: The key to successful teamwork. International Journal of Maxillofacial Prosthetics, 2022, 5, 1-1.	0.1	0