

Yin-Lin Wang

List of Publications by Year in descending order

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39
papers

839
citations

623734

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501196

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39
docs citations

39
times ranked

1289
citing authors

#	ARTICLE	IF	CITATIONS
1	Stimulation of glutathione depletion, ROS production and cell cycle arrest of dental pulp cells and gingival epithelial cells by HEMA. <i>Biomaterials</i> , 2005, 26, 745-753.	11.4	216
2	Induction of necrosis and apoptosis to KB cancer cells by sanguinarine is associated with reactive oxygen species production and mitochondrial membrane depolarization. <i>Toxicology and Applied Pharmacology</i> , 2007, 218, 143-151.	2.8	76
3	Retrospective Survey of Biopsied Oral Lesions in Pediatric Patients. <i>Journal of the Formosan Medical Association</i> , 2009, 108, 862-871.	1.7	45
4	Role of ALK5/Smad2/3 and MEK1/ERK Signaling in Transforming Growth Factor Beta 1 β modulated Growth, Collagen Turnover, and Differentiation of Stem Cells from Apical Papilla of Human Tooth. <i>Journal of Endodontics</i> , 2015, 41, 1272-1280.	3.1	43
5	In Vitro Study of Dentinal Tubule Occlusion with Sol-gel DP-bioglass for Treatment of Dentin Hypersensitivity. <i>Dental Materials Journal</i> , 2007, 26, 52-61.	1.8	36
6	Microstructural changes of enamel, dentin β enamel junction, and dentin induced by irradiating outer enamel surfaces with CO2 laser. <i>Lasers in Medical Science</i> , 2007, 23, 41-48.	2.1	35
7	Urethane dimethacrylate induces cytotoxicity and regulates cyclooxygenase-2, hemeoxygenase and carboxylesterase expression in human dental pulp cells. <i>Acta Biomaterialia</i> , 2014, 10, 722-731.	8.3	34
8	Areca Nut Components Affect COX-2, Cyclin B1/cdc25C and Keratin Expression, PGE2 Production in Keratinocyte Is Related to Reactive Oxygen Species, CYP1A1, Src, EGFR and Ras Signaling. <i>PLoS ONE</i> , 2014, 9, e101959.	2.5	30
9	Nanocrystalline calcium sulfate/hydroxyapatite biphasic compound as a TGF- β 1/VEGF reservoir for vital pulp therapy. <i>Dental Materials</i> , 2016, 32, 1197-1208.	3.5	29
10	Characterization, fluoride release and recharge properties of polymer β kaolinite nanocomposite resins. <i>Composites Science and Technology</i> , 2007, 67, 3409-3416.	7.8	25
11	A study on the root canal morphology of primary molars by high-resolution computed tomography. <i>Journal of Dental Sciences</i> , 2013, 8, 321-327.	2.5	24
12	A Novel Chitosan- β PGA Polyelectrolyte Complex Hydrogel Promotes Early New Bone Formation in the Alveolar Socket Following Tooth Extraction. <i>PLoS ONE</i> , 2014, 9, e92362.	2.5	24
13	Erosive potential of soft drinks on human enamel: An in β vitro study. <i>Journal of the Formosan Medical Association</i> , 2014, 113, 850-856.	1.7	22
14	Strontium ion can significantly decrease enamel demineralization and prevent the enamel surface hardness loss in acidic environment. <i>Journal of the Formosan Medical Association</i> , 2019, 118, 39-49.	1.7	16
15	A continuous flow system for assessing fluoride release/uptake of fluoride-containing restorative materials. <i>Dental Materials</i> , 2004, 20, 740-749.	3.5	15
16	Synergistic Mutations of LRP6 and WNT10A in Familial Tooth Agenesis. <i>Journal of Personalized Medicine</i> , 2021, 11, 1217.	2.5	15
17	Effects of fluoride and epigallocatechin gallate on soft-drink-induced dental erosion of enamel and root dentin. <i>Journal of the Formosan Medical Association</i> , 2018, 117, 276-282.	1.7	14
18	IL-1 β induced IL-8 and uPA expression/production of dental pulp cells: Role of TAK1 and MEK/ERK signaling. <i>Journal of the Formosan Medical Association</i> , 2018, 117, 697-704.	1.7	13

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19	Regulation of the regenerative activity of dental pulp stem cells from exfoliated deciduous teeth (SHED) of children by TGF- β 1 is associated with ALK5/Smad2, TAK1, p38 and MEK/ERK signaling. <i>Aging</i> , 2020, 12, 21253-21272.	3.1	12
20	Fluorinated Montmorillonite Composite Resin as a Dental Pit and Fissure Sealant. <i>Polymers</i> , 2019, 11, 1535.	4.5	11
21	IL-1 β -induced ICAM-1 and IL-8 expression/secretion of dental pulp cells is differentially regulated by IRAK and p38. <i>Journal of the Formosan Medical Association</i> , 2019, 118, 1247-1254.	1.7	11
22	Differences in the biomechanical behaviors of natural teeth and dental implants. <i>Dental Materials</i> , 2021, 37, 682-689.	3.5	11
23	Dental malformations associated with biallelic <i>MMP20</i> mutations. <i>Molecular Genetics & Genomic Medicine</i> , 2020, 8, e1307.	1.2	9
24	Neutralized Dicalcium Phosphate and Hydroxyapatite Biphasic Bioceramics Promote Bone Regeneration in Critical Peri-Implant Bone Defects. <i>Materials</i> , 2020, 13, 823.	2.9	9
25	A mesoporous biomaterial for biomimetic crystallization in dentinal tubules without impairing the bonding of a self-etch resin to dentin. <i>Journal of the Formosan Medical Association</i> , 2016, 115, 455-462.	1.7	8
26	Effect of bFGF on the growth and matrix turnover of stem cells from human apical papilla: Role of MEK/ERK signaling. <i>Journal of the Formosan Medical Association</i> , 2020, 119, 1666-1672.	1.7	8
27	Fluorinated Montmorillonite and 3YSZ as the Inorganic Fillers in Fluoride-Releasing and Rechargeable Dental Composition Resin. <i>Polymers</i> , 2020, 12, 223.	4.5	7
28	Concomitant hypo-hyperdontia: A rare entity. <i>Journal of Dental Sciences</i> , 2018, 13, 60-67.	2.5	6
29	The dentin permeability of anti-inflammatory and antibacterial drugs: In vitro study. <i>Journal of the Formosan Medical Association</i> , 2019, 118, 828-832.	1.7	6
30	Novel calcium encapsulated mesocellular siliceous foams for crystal growth in dentinal tubules. <i>Journal of Dentistry</i> , 2019, 83, 61-66.	4.1	5
31	Crystal growth in dentinal tubules with bio-calcium carbonate-silica sourced from equisetum grass. <i>Journal of the Formosan Medical Association</i> , 2020, 119, 1835-1841.	1.7	5
32	Development of antibacterial composite resin containing chitosan/fluoride microparticles as pit and fissure sealant to prevent caries. <i>Journal of Oral Microbiology</i> , 2022, 14, 2008615.	2.7	5
33	Dentists' performance in dentin-composite resin bonding before and after hands-on course learning. <i>Journal of the Formosan Medical Association</i> , 2020, 119, 260-267.	1.7	4
34	Vapor-Deposited Reactive Coating with Chemically and Topographically Erasable Properties. <i>Polymers</i> , 2019, 11, 1595.	4.5	3
35	Root fracture of immature permanent incisors - a case report. <i>Dental Traumatology</i> , 2006, 22, 218-220.	2.0	2
36	In vitro Study of Root Fracture Treated by CO2 Laser and DP-bioactive Glass Paste. <i>Journal of the Formosan Medical Association</i> , 2008, 107, 46-53.	1.7	2

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37	Cytotoxicity and genotoxicity of DMABEE, a co-photoinitiator of resin polymerization, on CHO-K1 cells: Role of redox and carboxylesterase. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2020, 108, 2088-2098.	3.4	2
38	Automatic Cephalometric Landmark Detection on X-Ray Images Using Object Detection. , 2022, , .		1
39	Dental management and consideration of patients with severe deforming, type III osteogenesis imperfecta in clinic: A case report. Pediatric Dental Journal, 2020, 30, 256-260.	0.7	0