

Wen-Cheng Chen

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

167 papers	2,414 citations	27 h-index	39 g-index
175 ext. papers	2,921 ext. citations	3.8 avg, IF	5.26 L-index

#	Paper	IF	Citations
167	Advances of Hydroxyapatite Hybrid Organic Composite Used as Drug or Protein Carriers for Biomedical Applications: A Review.. <i>Polymers</i> , 2022 , 14,	4.5	2
166	The Antibacterial and Remineralization Effect of Silver-Containing Mesoporous Bioactive Glass Sealing and Er-YAG Laser on Dentinal Tubules Treated in a Cultivated Environment. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	1
165	In Vitro Evaluation of a Composite Gelatin-Hyaluronic Acid-Alginate Porous Scaffold with Different Pore Distributions for Cartilage Regeneration. <i>Gels</i> , 2021 , 7,	4.2	5
164	Clinical Outcomes of Taiwanese Patients with Resected Oral Cavity Squamous Cell Carcinoma Who Underwent Reconstruction with Free Versus Local Flaps. <i>Annals of Surgical Oncology</i> , 2021 , 29, 1130	3.1	1
163	Decreasing recurrence and increasing survival rates in patients of ethmoid or sphenoid intestinal-type adenocarcinomas: Systematic review and meta-analysis with 1126 cases. <i>Medicine (United States)</i> , 2021 , 100, e27341	1.8	
162	Effects of Gamma Radiation on the Sterility Assurance, Antibacterial Ability, and Biocompatibility of Impregnated Hydrogel Macrosphere Protein and Drug Release. <i>Polymers</i> , 2021 , 13,	4.5	5
161	Survival-Weighted Health Profiles in Nasopharyngeal Cancer Patients. <i>Frontiers in Oncology</i> , 2021 , 11, 635667	5.3	2
160	Heparin as a biomimetic template on nanoapatite rods with tunable aspect ratio: synthesis and biocompatibility. <i>Journal of the Australian Ceramic Society</i> , 2021 , 57, 825	1.5	4
159	Effect of 1 α ,25-Dihydroxyvitamin D3 on the Radiation Response in Prostate Cancer: Association With IL-6 Signaling. <i>Frontiers in Oncology</i> , 2021 , 11, 619365	5.3	1
158	Evaluation of the Grafting Efficacy of Active Biomolecules of Phosphatidylcholine and Type I Collagen on Polyether Ether Ketone: In Vitro and In Vivo. <i>Polymers</i> , 2021 , 13,	4.5	4
157	Effects of AgNPs on the structure and anti-methicillin resistant <i>Staphylococcus aureus</i> (MRSA) properties of SiO ₂ -CaO-P ₂ O ₅ bioactive glass. <i>Journal of Non-Crystalline Solids</i> , 2021 , 553, 120492	3.9	6
156	<i>Porphyromonas gingivalis</i> promotes tumor progression in esophageal squamous cell carcinoma. <i>Cellular Oncology (Dordrecht)</i> , 2021 , 44, 373-384	7.2	11
155	Chemical cross-linking on gelatin-hyaluronan loaded with hinokitiol for the preparation of guided tissue regeneration hydrogel membranes with antibacterial and biocompatible properties. <i>Materials Science and Engineering C</i> , 2021 , 119, 111576	8.3	8
154	Strength and Biocompatibility of Heparin-Based Calcium Phosphate Cement Grafted with Ferulic Acid. <i>Polymers</i> , 2021 , 13,	4.5	2
153	Effects of Hinokitiol and Dicalcium Phosphate on the Osteoconduction and Antibacterial Activity of Gelatin-Hyaluronic Acid Crosslinked Hydrogel Membrane In Vitro. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	3
152	In Vitro Evaluation of Calcium Phosphate Bone Cement Composite Hydrogel Beads of Cross-Linked Gelatin-Alginate with Gentamicin-Impregnated Porous Scaffold. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	2
151	Effect of pH on the In Vitro Biocompatibility of Surfactant-Assisted Synthesis and Hydrothermal Precipitation of Rod-Shaped Nano-Hydroxyapatite. <i>Polymers</i> , 2021 , 13,	4.5	1

150	Survival-Weighted Health Profiles in Patients Treated for Advanced Oral Cavity Squamous Cell Carcinoma. <i>Frontiers in Oncology</i> , 2021 , 11, 754412	5.3	0
149	Comparison of optical and crystal properties of three translucent yttria-stabilized tetragonal zirconia polycrystals with those of lithium disilicate glass-ceramic material. <i>Journal of Dental Sciences</i> , 2021 , 16, 1247-1254	2.5	3
148	Treatment patterns and survival outcomes of advanced hypopharyngeal squamous cell carcinoma. <i>World Journal of Surgical Oncology</i> , 2020 , 18, 82	3.4	7
147	Statin Use and the Risk of Subsequent Hospitalized Exacerbations in COPD Patients with Frequent Exacerbations. <i>International Journal of COPD</i> , 2020 , 15, 289-299	3	8
146	Preparation of electrospun silver/poly(vinyl alcohol) fibrous membranes and characterization of the effect of sterilization processes on the antibacterial activity. <i>Journal of Industrial Textiles</i> , 2020 , 152808372091334	1.6	13
145	The Predictive Role of Prostate-Specific Antigen Changes Following Transurethral Resection of the Prostate for Patients with Localized Prostate Cancer. <i>Cancers</i> , 2020 , 13,	6.6	1
144	The Significance of Neutrophil-to-Lymphocyte Ratio and Combined Chemoradiotherapy in Patients Undergoing Bladder Preservation Therapy for Muscle-Invasive Bladder Cancer. <i>Cancer Management and Research</i> , 2020 , 12, 13125-13135	3.6	2
143	Nano-morphology, crystallinity and surface potential of anatase on micro-arc oxidized titanium affect its protein adsorption, cell proliferation and cell differentiation. <i>Materials Science and Engineering C</i> , 2020 , 107, 110204	8.3	21
142	An in vitro assessment and comparative effectiveness of silanized-glutaraldehyde functionalized titanium surfaces with phosphatidylcholine and type I collagen grafts. <i>Dental Materials</i> , 2020 , 36, 320-328	5.7	3
141	Effect of different firing atmospheres on debonding strength of dental porcelain fused to commercially pure titanium. <i>Kaohsiung Journal of Medical Sciences</i> , 2020 , 36, 212-219	2.4	
140	Influences of processing and sterilizing strategies on reduced silver nanoparticles in poly(vinyl alcohol) electrospun membranes: Optimization and preservation of antibacterial activity. <i>Materials Chemistry and Physics</i> , 2020 , 254, 123300	4.4	4
139	Antimicrobial Activity of Electrospun Polyvinyl Alcohol Nanofibers Filled with Poly[2-(tert-butylaminoethyl) Methacrylate]-Grafted Graphene Oxide Nanosheets. <i>Polymers</i> , 2020 , 12,	4.5	12
138	Prognostic Significance of Neoadjuvant Rectal Scores in Preoperative Short-Course Radiotherapy and Long-Course Concurrent Chemoradiotherapy for Patients with Locally Advanced Rectal Cancer. <i>Annals of Surgical Oncology</i> , 2020 , 27, 4309-4318	3.1	2
137	Characterization of genipin-crosslinked gelatin/hyaluronic acid-based hydrogel membranes and loaded with hinokitiol: In vitro evaluation of antibacterial activity and biocompatibility. <i>Materials Science and Engineering C</i> , 2019 , 105, 110074	8.3	24
136	Long-Term Taste Impairment after Intensity-Modulated Radiotherapy to Treat Head-and-Neck Cancer: Correlations with Glossectomy and the Mean Radiation Dose to the Oral Cavity. <i>Chemical Senses</i> , 2019 , 44, 319-326	4.8	9
135	The prognosis of head and neck squamous cell carcinoma related to immunosuppressive tumor microenvironment regulated by IL-6 signaling. <i>Oral Oncology</i> , 2019 , 91, 47-55	4.4	30
134	Effect of micro-/nano-hybrid hydroxyapatite rod reinforcement in composite resins on strength through thermal cycling. <i>Polymer Composites</i> , 2019 , 40, 3703-3710	3	9
133	Effects of pontic span and fiber reinforcement on fracture strength of multi-unit provisional fixed partial dentures. <i>Journal of Dental Sciences</i> , 2019 , 14, 309-317	2.5	4

132	Effect of Tumor Burden on Tumor Aggressiveness and Immune Modulation in Prostate Cancer: Association with IL-6 Signaling. <i>Cancers</i> , 2019 , 11,	6.6	12
131	In vivo studies of titanium implant surface treatment by sandblasted, acid-etched and further anchored with ceramic of tetracalcium phosphate on osseointegration. <i>Journal of the Australian Ceramic Society</i> , 2019 , 55, 799-806	1.5	9
130	Characterization of hybrid light-cured resin composites reinforced by microspherical silanized DCPA/nanorod HA via thermal fatigue. <i>Journal of the Australian Ceramic Society</i> , 2019 , 55, 235-245	1.5	4
129	The Predictive Value of Pretreatment Neutrophil-To-Lymphocyte Ratio in Esophageal Squamous Cell Carcinoma. <i>Annals of Surgical Oncology</i> , 2019 , 26, 190-199	3.1	17
128	Rapid nano-scale surface modification on micro-arc oxidation coated titanium by microwave-assisted hydrothermal process. <i>Materials Science and Engineering C</i> , 2019 , 95, 236-247	8.3	9
127	Characterizing the differentiation of osteoprogenitor cells on surface modified polyether-ether-ketone. <i>Surface and Coatings Technology</i> , 2018 , 350, 904-912	4.4	7
126	As-casting performance of gold alloys and their de-bonding strengths in metal/ceramic systems. <i>International Journal of Cast Metals Research</i> , 2018 , 31, 153-161	1	1
125	In vitro characterization of porous calcium phosphate scaffolds capped with crosslinked hydrogels to avoid inherent brittleness. <i>Ceramics International</i> , 2018 , 44, 1575-1582	5.1	3
124	Role of ALDH1 in the prognosis of esophageal cancer and its relationship with tumor microenvironment. <i>Molecular Carcinogenesis</i> , 2018 , 57, 78-88	5	13
123	Predictive Value of CD44 in Muscle-Invasive Bladder Cancer and Its Relationship with IL-6 Signaling. <i>Annals of Surgical Oncology</i> , 2018 , 25, 3518-3526	3.1	19
122	The Response of Prostate Cancer to Androgen Deprivation and Irradiation Due to Immune Modulation. <i>Cancers</i> , 2018 , 11,	6.6	11
121	Predictive Value of the Pretreatment Neutrophil-to-Lymphocyte Ratio in Head and Neck Squamous Cell Carcinoma. <i>Journal of Clinical Medicine</i> , 2018 , 7,	5.1	17
120	A comparison of the heat treatment duration and the multilayered effects on the poly(lactic) acid braid reinforced calcium phosphate cements used as bone tissue engineering scaffold. <i>Journal of Industrial Textiles</i> , 2017 , 46, 1668-1683	1.6	2
119	Association between the diagnosis-to-treatment interval and overall survival in Taiwanese patients with oral cavity squamous cell carcinoma. <i>European Journal of Cancer</i> , 2017 , 72, 226-234	7.5	24
118	Preparation of micro-porous bioceramic containing silicon-substituted hydroxyapatite and beta-tricalcium phosphate. <i>Materials Science and Engineering C</i> , 2017 , 75, 798-806	8.3	27
117	Clinical Outcomes of Taiwanese Patients with cT4 Oral Cavity Squamous Cell Carcinoma: Toward the Identification of the Optimal Initial Treatment Approach for cT4b Patients. <i>Annals of Surgical Oncology</i> , 2017 , 24, 785-793	3.1	12
116	Comparative clinical outcomes of Taiwanese patients with resected buccal and tongue squamous cell carcinomas. <i>Oral Oncology</i> , 2017 , 67, 95-102	4.4	8
115	Survival benefit of surgery to patients with esophageal squamous cell carcinoma. <i>Scientific Reports</i> , 2017 , 7, 46139	4.9	20

114	Impact of CD44 expression on radiation response for bladder cancer. <i>Journal of Cancer</i> , 2017 , 8, 1137-1144	4.5	28
113	Epigenetic therapy regulates the expression of ALDH1 and immunologic response: Relevance to the prognosis of oral cancer. <i>Oral Oncology</i> , 2017 , 73, 88-96	4.4	19
112	The morphological effect of calcium phosphates as reinforcement in methacrylate-based dental composite resins on mechanical strength through thermal cycling. <i>Ceramics International</i> , 2017 , 43, 14389-14394	5.1	11
111	Chang Gung Research Database: A multi-institutional database consisting of original medical records. <i>Biomedical Journal</i> , 2017 , 40, 263-269	7.1	75
110	The possibility of recasting of pure titanium. <i>Journal of Dental Sciences</i> , 2017 , 12, 226-232	2.5	1
109	Inflammation-induced myeloid-derived suppressor cells associated with squamous cell carcinoma of the head and neck. <i>Head and Neck</i> , 2017 , 39, 347-355	4.2	25
108	Modulating the release of proteins from alloated carrier of alginate/gelatin porous spheres immersed in different solutions. <i>Bio-Medical Materials and Engineering</i> , 2017 , 28, 515-529	1	3
107	Incorporation of Collagen in Calcium Phosphate Cements for Controlling Osseointegration. <i>Materials</i> , 2017 , 10,	3.5	4
106	Calcium Phosphate Cement with Antimicrobial Properties and Radiopacity as an Endodontic Material. <i>Materials</i> , 2017 , 10,	3.5	8
105	Nephroureterectomy increase 5 year survival in patients on dialysis with upper urinary tract urothelial carcinoma. <i>Oncotarget</i> , 2017 , 8, 79876-79883	3.3	3
104	Identification of High-Risk Subgroups of Patients With Oral Cavity Cancer in Need of Postoperative Adjuvant Radiotherapy or Chemo-Radiotherapy. <i>Medicine (United States)</i> , 2016 , 95, e3770	1.8	27
103	Reply to "Statin use and the risk of cirrhosis development in patients with hepatitis C virus infection". <i>Journal of Hepatology</i> , 2016 , 64, 982-3	13.4	1
102	Comparison and preparation of multilayered polylactic acid fabric strengthen calcium phosphate-based bone substitutes for orthopedic applications. <i>Journal of Artificial Organs</i> , 2016 , 19, 70-9	1.8	4
101	Surgical Management of Severe Peri-Implantitis in the Esthetic Zone: A Case Report With a 6-Year Follow-Up. <i>Journal of Oral Implantology</i> , 2016 , 42, 86-92	1.2	0
100	Mortality in tongue cancer patients treated by curative surgery: a retrospective cohort study from CGRD. <i>PeerJ</i> , 2016 , 4, e2794	3.1	13
99	The role of PD-L1 in the radiation response and prognosis for esophageal squamous cell carcinoma related to IL-6 and T-cell immunosuppression. <i>Oncotarget</i> , 2016 , 7, 7913-24	3.3	88
98	Effects of Osseointegration by Bone Morphogenetic Protein-2 on Titanium Implants In Vitro and In Vivo. <i>Bioinorganic Chemistry and Applications</i> , 2016 , 2016, 3837679	4.2	12
97	The role of PD-L1 in the radiation response and clinical outcome for bladder cancer. <i>Scientific Reports</i> , 2016 , 6, 19740	4.9	108

96	Microstructure and characterization of electrospun poly(vinyl alcohol) nanofiber scaffolds filled with graphene nanosheets. <i>Journal of Applied Polymer Science</i> , 2015 , 132,	2.9	55
95	Statin use and the risk of cirrhosis development in patients with hepatitis C virus infection. <i>Journal of Hepatology</i> , 2015 , 63, 1111-7	13.4	67
94	1 β 25-Dihydroxyvitamin D3 Inhibits Esophageal Squamous Cell Carcinoma Progression by Reducing IL6 Signaling. <i>Molecular Cancer Therapeutics</i> , 2015 , 14, 1365-75	6.1	42
93	TGF Beta1 Expression Correlates with Survival and Tumor Aggressiveness of Prostate Cancer. <i>Annals of Surgical Oncology</i> , 2015 , 22 Suppl 3, S1587-93	3.1	17
92	Effects of Ti surface treatments with silane and arginylglycylaspartic acid peptide on bone cell progenitors. <i>Odontology / the Society of the Nippon Dental University</i> , 2015 , 103, 322-32	3.6	7
91	Osteoregenerative capacities of dicalcium phosphate-rich calcium phosphate bone cement. <i>Journal of Biomedical Materials Research - Part A</i> , 2015 , 103, 203-10	5.4	23
90	Evaluation of the accuracy and limitations of three tooth-color measuring machines. <i>Journal of Dental Sciences</i> , 2015 , 10, 16-20	2.5	3
89	Postradiation trismus and its impact on quality of life in patients with head and neck cancer. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2015 , 119, 187-95	2	34
88	In Vitro cell attachment and In Vivo tissue infiltration of porous PLLA/TPCP/SA bone scaffolds. <i>Fibers and Polymers</i> , 2015 , 16, 2569-2577	2	3
87	Characterization of the aspects of osteoprogenitor cell interactions with physical tetracalcium phosphate anchorage on titanium implant surfaces. <i>Materials Science and Engineering C</i> , 2015 , 49, 7-13	8.3	11
86	DNMT1-dependent suppression of microRNA424 regulates tumor progression in human bladder cancer. <i>Oncotarget</i> , 2015 , 6, 24119-31	3.3	37
85	Color stability of nanocrystallite-treated and silicate-treated fillers of calcium phosphate composite resin: an in vitro study. <i>Journal of Prosthetic Dentistry</i> , 2014 , 111, 416-24	4	6
84	Interaction of progenitor bone cells with different surface modifications of titanium implant. <i>Materials Science and Engineering C</i> , 2014 , 37, 305-13	8.3	24
83	Characterization of Ni-Cr alloys using different casting techniques and molds. <i>Materials Science and Engineering C</i> , 2014 , 35, 231-8	8.3	19
82	Comparison of three calcium phosphate bone graft substitutes from biomechanical, histological, and crystallographic perspectives using a rat posterolateral lumbar fusion model. <i>Materials Science and Engineering C</i> , 2014 , 45, 82-8	8.3	12
81	Effects of bioglass powders with and without mesoporous structures on fibroblast and osteoblast responses. <i>Applied Surface Science</i> , 2014 , 314, 967-972	6.7	5
80	Thermal cycling effect of dicalcium phosphate-reinforced composites on auto-mineralized dental resin. <i>Materials Science and Engineering C</i> , 2014 , 45, 359-68	8.3	5
79	Evaluation of gentamicin encapsulated hierarchically meso-macroporous silica-based calcium phosphates glass powders. <i>Ceramics International</i> , 2014 , 40, 15019-15025	5.1	3

78	Thrombomodulin expression regulates tumorigenesis in bladder cancer. <i>BMC Cancer</i> , 2014 , 14, 375	4.8	20
77	Estimation of life expectancy and quality-adjusted life expectancy in non-metastatic nasopharyngeal cancer patients treated by intensity-modulated radiotherapy with or without chemotherapy. <i>Oral Oncology</i> , 2014 , 50, 646-50	4.4	5
76	IL-6-stimulated CD11b+ CD14+ HLA-DR- myeloid-derived suppressor cells, are associated with progression and poor prognosis in squamous cell carcinoma of the esophagus. <i>Oncotarget</i> , 2014 , 5, 8716-28	3.3	111
75	Surface Modified Characteristics of the Tetracalcium Phosphate as Light-Cured Composite Resin Fillers. <i>Journal of Nanomaterials</i> , 2014 , 2014, 1-9	3.2	
74	Characterization of silk fibroin modified surface: a proteomic view of cellular response proteins induced by biomaterials. <i>BioMed Research International</i> , 2014 , 2014, 209469	3	17
73	Effects of Forming Temperature on Structure and Chemical Properties of Calcium Phosphate Cement. <i>Advanced Materials Research</i> , 2014 , 910, 149-152	0.5	
72	Thermal cycling effects on adhesion of resin-bovine enamel junction among different composite resins. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2014 , 38, 105-13	4.1	7
71	Biphasic products of dicalcium phosphate-rich cement with injectability and nondispersibility. <i>Materials Science and Engineering C</i> , 2014 , 39, 40-6	8.3	17
70	Significance of DNMT3b in oral cancer. <i>PLoS ONE</i> , 2014 , 9, e89956	3.7	19
69	. <i>Journal of Medical and Biological Engineering</i> , 2014 , 34, 8	2.2	4
68	Roughened titanium surfaces with silane and further RGD peptide modification in vitro. <i>Materials Science and Engineering C</i> , 2013 , 33, 2713-22	8.3	26
67	Properties of osteoconductive biomaterials: calcium phosphate cement with different ratios of platelet-rich plasma as identifiers. <i>Materials Science and Engineering C</i> , 2013 , 33, 3537-44	8.3	38
66	Evaluation of reinforced strength and remineralized potential of resins with nanocrystallites and silica modified filler surfaces. <i>Materials Science and Engineering C</i> , 2013 , 33, 1143-51	8.3	15
65	Effects of bioactive glass with and without mesoporous structures on desensitization in dentinal tubule occlusion. <i>Applied Surface Science</i> , 2013 , 283, 833-842	6.7	19
64	Scintigraphic assessment of salivary function after intensity-modulated radiotherapy for head and neck cancer: correlations with parotid dose and quality of life. <i>Oral Oncology</i> , 2013 , 49, 42-8	4.4	27
63	Unilaterally impacted maxillary central incisor and canine with ipsilateral transposed canine-lateral incisor. <i>Angle Orthodontist</i> , 2013 , 83, 920-6	2.6	4
62	Thermodynamics of Calcium Phosphate Porous Scaffold on Beta Phase Tricalcium Phosphate Effects. <i>Applied Mechanics and Materials</i> , 2013 , 365-366, 983-986	0.3	
61	Phosphorus Effects of Mesoporous Bioactive Glass on Occlude Exposed Dentin. <i>Materials</i> , 2013 , 6, 5335-5351	3.3	7

60	Effects of 1-Ethyl-3-(3-Dimethylaminopropyl) Carbodiimide Cross-Linking Duration on the Structure of Chitosan/Gelatin Composite Bone Scaffolds. <i>Applied Mechanics and Materials</i> , 2013 , 457-458, 44-48	0.3	1
59	Morphology of Poly(vinyl alcohol)/Graphene Nanosheets Composite Nanofibers. <i>Applied Mechanics and Materials</i> , 2013 , 365-366, 1025-1029	0.3	1
58	Compressive Strength of Porous Bone Cement/Polylactic Acid Composite Bone Scaffolds. <i>Applied Mechanics and Materials</i> , 2013 , 365-366, 1062-1065	0.3	2
57	. <i>Journal of Medical and Biological Engineering</i> , 2013 , 33, 538	2.2	8
56	Role of interleukin 1 beta in esophageal squamous cell carcinoma. <i>Journal of Molecular Medicine</i> , 2012 , 90, 89-100	5.5	42
55	Characterization of controlled highly porous hyaluronan/gelatin cross-linking sponges for tissue engineering. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2012 , 14, 227-38	4.1	20
54	Mineralization of Progenitor Cells with Different Implant Topographies. <i>Procedia Engineering</i> , 2012 , 36, 173-178		7
53	Optimizing anterior esthetics of a single-tooth implant through socket augmentation and immediate provisionalization: a case report with 7-year follow-up. <i>Kaohsiung Journal of Medical Sciences</i> , 2012 , 28, 559-63	2.4	3
52	PLA/ β -TCP complex tubes: the mechanical properties and applications of artificial bone. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2012 , 23, 1701-12	3.5	12
51	Property Evaluation of Polylactic Acid Multilayer Braids Used as Bone Scaffolds. <i>Advanced Materials Research</i> , 2012 , 627, 844-848	0.5	
50	Calcium phosphate bone cement with 10 wt% platelet-rich plasma in vitro and in vivo. <i>Journal of Dentistry</i> , 2012 , 40, 114-22	4.8	29
49	Activity-dependent neuroprotector homeobox protein level in Alzheimer's disease in Taiwanese. <i>Genomic Medicine, Biomarkers, and Health Sciences</i> , 2012 , 4, 48-50		1
48	Evaluating the accuracy of tooth color measurement by combining the Munsell color system and dental colorimeter. <i>Kaohsiung Journal of Medical Sciences</i> , 2012 , 28, 490-4	2.4	22
47	Impacted mandibular second molars. <i>Angle Orthodontist</i> , 2012 , 82, 670-5	2.6	32
46	Preliminary Study of Manufacturing Technique Using Three Dimensions Stain Steel Braid for Bone Scaffold. <i>Applied Mechanics and Materials</i> , 2012 , 184-185, 1424-1427	0.3	
45	Preliminary Study of the Application of PET Knitted Fabrics in Artificial Bone Scaffold. <i>Applied Mechanics and Materials</i> , 2012 , 184-185, 1501-1504	0.3	1
44	Manufacturing Technique of the Biocompatible Polymer Nanofiber Membrane by Electrospinning. <i>Applied Mechanics and Materials</i> , 2012 , 184-185, 1404-1407	0.3	
43	The Primary Study on PET/Spandex Tubular Braid. <i>Advanced Materials Research</i> , 2012 , 554-556, 214-217	0.5	

42	Preliminary Study in Cross-Linked Gelatin/Alginate Sponges. <i>Applied Mechanics and Materials</i> , 2012 , 184-185, 1102-1105	0.3	
41	Three Dimensional Stainless Steel Bone Scaffolds: Using the Electrochemical Technique to Coat Hydroxyapatite on Stainless Steel Braids. <i>Applied Mechanics and Materials</i> , 2012 , 184-185, 1371-1374	0.3	1
40	Preparation and applications of polyamide 6/IRM tooth root composite filling material. <i>Journal of Composite Materials</i> , 2012 , 46, 391-398	2.7	2
39	Preliminary Studies in Composite Scaffolds of Calcium Phosphate Bone Cement with Polylactide. <i>Applied Mechanics and Materials</i> , 2012 , 184-185, 1098-1101	0.3	2
38	A comparison of epithelial cells, fibroblasts, and osteoblasts in dental implant titanium topographies. <i>Bioinorganic Chemistry and Applications</i> , 2012 , 2012, 687291	4.2	26
37	Effect of Heat-Treated Process on Tensile Property of PLA Plied-Yarn. <i>Applied Mechanics and Materials</i> , 2012 , 184-185, 963-966	0.3	2
36	Immediate provisional restoration of a single-tooth implant in the esthetic zone: a case report. <i>Kaohsiung Journal of Medical Sciences</i> , 2011 , 27, 80-4	2.4	2
35	Immediate implant placement following minimally invasive extraction: a case report with a 6-year follow-up. <i>Kaohsiung Journal of Medical Sciences</i> , 2011 , 27, 353-6	2.4	2
34	Characterization of ADAM28 as a biomarker of bladder transitional cell carcinomas by urinary proteome analysis. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 411, 714-20	3.4	25
33	Using a spectrophotometric study of human gingival colour distribution to develop a shade guide. <i>Journal of Dentistry</i> , 2011 , 39 Suppl 3, e11-6	4.8	19
32	Characterization and enhancement of chondrogenesis in porous hyaluronic acid-modified scaffolds made of PLGA(75/25) blended with PEI-grafted PLGA(50/50). <i>Materials Science and Engineering C</i> , 2011 , 31, 1343-1351	8.3	12
31	Mechanical testing and osteointegration of titanium implant with calcium phosphate bone cement and autograft alternatives. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2011 , 4, 1186-95	4.1	7
30	Immersion-induced changes in structure and properties of a TTCP/DCPA/CSH cement. <i>Materials Chemistry and Physics</i> , 2011 , 130, 303-308	4.4	6
29	Characterization of surface modification on self-assembled monolayer-based piezoelectric crystal immunosensor for the quantification of serum H ₂ O ₂ protein. <i>Journal of Materials Science: Materials in Medicine</i> , 2011 , 22, 1383-91	4.5	7
28	Urinary protein profiling by liquid chromatography/tandem mass spectrometry: ADAM28 is overexpressed in bladder transitional cell carcinoma. <i>Rapid Communications in Mass Spectrometry</i> , 2011 , 25, 2851-62	2.2	18
27	Preparation and Properties Evaluation of Tencel/ PET Low Melting Point Fiber Dressing Fabric Coated by UV Cross-Linked Chitosan. <i>Advanced Materials Research</i> , 2011 , 332-334, 1848-1851	0.5	1
26	Processing Technology and Characteristic Evaluation of Polylactic Acid/316L Stainless Steel Composite Braids with Hydroxylapatite Deposition. <i>Advanced Materials Research</i> , 2011 , 332-334, 1951-1954	0.5	1
25	A newly developed calcia/titanium modified magnesia-based investment mold for titanium casting. <i>Materials Science and Engineering C</i> , 2011 , 31, 144-150	8.3	6

24	Process Technology and Mechanical Properties of Polylactic Acid Ply Yarns and 316L Stainless Steel Braids. <i>Advanced Materials Research</i> , 2011 , 287-290, 2656-2659	0.5	3
23	Erratum to Brotein Profiling of Human Nonpigmented Ciliary Epithelium Cell Secretome: The Differentiation Factors Characterization for Retinal Ganglion Cell Line [Journal of Biomedicine and Biotechnology, 2011 , 2011, 1-1]		73
22	Protein profiling of human nonpigmented ciliary epithelium cell secretome: the differentiation factors characterization for retinal ganglion cell line. <i>Journal of Biomedicine and Biotechnology</i> , 2011 , 2011, 901329		5
21	Preparation and characterization of calcium phosphate deposited on gold nanoparticles. <i>Journal of Non-Crystalline Solids</i> , 2010 , 356, 927-932	3.9	5
20	Deriving fast setting properties of tetracalcium phosphate/dicalcium phosphate anhydrous bone cement with nanocrystallites on the reactant surfaces. <i>Journal of Dentistry</i> , 2010 , 38, 158-65	4.8	23
19	Thermal behavior and transformation kinetics of titanium dioxide nanocrystallites prepared by coupling agents. <i>Journal of Alloys and Compounds</i> , 2010 , 490, 576-581	5.7	3
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17	DDR1 regulates the stabilization of cell surface E-cadherin and E-cadherin-mediated cell aggregation. <i>Journal of Cellular Physiology</i> , 2010 , 224, 387-97	7	40
16	Response to the Comments on Dosimetric evaluations of the interplay effect in respiratory-gated intensity-modulated radiation therapy [Med. Phys. 36, 2340 (2009)]. <i>Medical Physics</i> , 2009 , 36, 2341-2342	4.4	4
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14	Synthesis of calcium phosphates and porous hydroxyapatite beads prepared by emulsion method. <i>Materials Chemistry and Physics</i> , 2009 , 113, 365-371	4.4	29
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12	The predictive role of E2-EPF ubiquitin carrier protein in esophageal squamous cell carcinoma. <i>Journal of Molecular Medicine</i> , 2009 , 87, 307-20	5.5	24
11	BIOACTIVE GLASS SHELL GROWTH OF A Si ₃ N ₄ /CaP LAYER ON GOLD NANOPARTICLES FUNCTIONALIZED WITH MERCAPTOPROPYLTRIMETHYLOXYSILANE/SILICATE/TETRAETHYLOTHOSILICATE. <i>Surface Review and Letters</i> , 2009 , 16, 37-42	1.1	3
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1	Synthesis of nanorod apatites with templates at critical micelle concentrations and in vitro evaluation of cytotoxicity and antimicrobial activity. <i>Journal of Asian Ceramic Societies</i> , 1-12	2.4	3