

Lih-Jyh Fuh

List of Publications by Year in descending order

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63
papers

1,667
citations

218381

26
h-index

301761

39
g-index

64
all docs

64
docs citations

64
times ranked

1997
citing authors

#	ARTICLE	IF	CITATIONS
1	Bone stress and interfacial sliding analysis of implant designs on an immediately loaded maxillary implant: A non-linear finite element study. <i>Journal of Dentistry</i> , 2008, 36, 409-417.	1.7	143
2	Variations in bone density at dental implant sites in different regions of the jawbone. <i>Journal of Oral Rehabilitation</i> , 2010, 37, 346-351.	1.3	90
3	Bone Strain and Interfacial Sliding Analyses of Platform Switching and Implant Diameter on an Immediately Loaded Implant: Experimental and Three-Dimensional Finite Element Analyses. <i>Journal of Periodontology</i> , 2009, 80, 1125-1132.	1.7	67
4	CCN1 Promotes VEGF Production in Osteoblasts and Induces Endothelial Progenitor Cell Angiogenesis by Inhibiting miR-126 Expression in Rheumatoid Arthritis. <i>Journal of Bone and Mineral Research</i> , 2017, 32, 34-45.	3.1	62
5	In vitro antimicrobial and anticancer potential of hinokitiol against oral pathogens and oral cancer cell lines. <i>Microbiological Research</i> , 2013, 168, 254-262.	2.5	61
6	Oral Submucous Fibrosis: A Review on Biomarkers, Pathogenic Mechanisms, and Treatments. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7231.	1.8	59
7	The Effects of Cortical Bone Thickness and Trabecular Bone Strength on Noninvasive Measures of the Implant Primary Stability Using Synthetic Bone Models. <i>Clinical Implant Dentistry and Related Research</i> , 2013, 15, 251-261.	1.6	57
8	Risk Factors related to Late Failure of Dental Implant—A Systematic Review of Recent Studies. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3931.	1.2	53
9	Effect of Screw Fixation on Temporomandibular Joint Condylar Prosthesis. <i>Journal of Oral and Maxillofacial Surgery</i> , 2011, 69, 1320-1328.	0.5	52
10	Influences of Internal Tapered Abutment Designs on Bone Stresses Around a Dental Implant: Three-Dimensional Finite Element Method With Statistical Evaluation. <i>Journal of Periodontology</i> , 2012, 83, 111-118.	1.7	51
11	In vitro antibacterial activity and cytocompatibility of bismuth doped micro-arc oxidized titanium. <i>Journal of Biomaterials Applications</i> , 2013, 27, 553-563.	1.2	51
12	Variations in crestal cortical bone thickness at dental implant sites in different regions of the jawbone. <i>Clinical Implant Dentistry and Related Research</i> , 2017, 19, 440-446.	1.6	43
13	Tension-compression viscoelastic behaviors of the periodontal ligament. <i>Journal of the Formosan Medical Association</i> , 2012, 111, 471-481.	0.8	41
14	Biomechanical analysis of a temporomandibular joint condylar prosthesis during various clenching tasks. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2015, 43, 1194-1201.	0.7	41
15	Biomechanical simulation of various surface roughnesses and geometric designs on an immediately loaded dental implant. <i>Computers in Biology and Medicine</i> , 2010, 40, 525-532.	3.9	40
16	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.	3.8	39
17	Biomechanical evaluation of one-piece and two-piece small-diameter dental implants: In-vitro experimental and three-dimensional finite element analyses. <i>Journal of the Formosan Medical Association</i> , 2016, 115, 794-800.	0.8	38
18	Modeling viscoelastic behavior of periodontal ligament with nonlinear finite element analysis. <i>Journal of Dental Sciences</i> , 2013, 8, 121-128.	1.2	37

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19	Assessments of inclinations of the mandibular fossa by computed tomography in an Asian population. <i>Clinical Oral Investigations</i> , 2012, 16, 443-450.	1.4	34
20	Relationship of Three-Dimensional Bone-to-Implant Contact to Primary Implant Stability and Peri-implant Bone Strain in Immediate Loading: Microcomputed Tomographic and In Vitro Analyses. <i>International Journal of Oral and Maxillofacial Implants</i> , 2013, 28, 367-374.	0.6	34
21	Preparation of micro-porous bioceramic containing silicon-substituted hydroxyapatite and beta-tricalcium phosphate. <i>Materials Science and Engineering C</i> , 2017, 75, 798-806.	3.8	34
22	Biomechanical Investigation of Thread Designs and Interface Conditions of Zirconia and Titanium Dental Implants with Bone: Three-Dimensional Numeric Analysis. <i>International Journal of Oral and Maxillofacial Implants</i> , 2013, 28, e64-e71.	0.6	30
23	Enhancement of CCL2 expression and monocyte migration by CCN1 in osteoblasts through inhibiting miR-518a-5p: implication of rheumatoid arthritis therapy. <i>Scientific Reports</i> , 2017, 7, 421.	1.6	30
24	Trabecular bone structural parameters evaluated using dental cone-beam computed tomography: cellular synthetic bones. <i>BioMedical Engineering OnLine</i> , 2013, 12, 115.	1.3	29
25	A Retrospective Study of Implant-Abutment Connections on Crestal Bone Level. <i>Journal of Dental Research</i> , 2013, 92, 202S-207S.	2.5	29
26	Effects of the 3D bone-to-implant contact and bone stiffness on the initial stability of a dental implant: micro-CT and resonance frequency analyses. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2013, 42, 276-280.	0.7	28
27	Relation between initial implant stability quotient and bone-implant contact percentage: an in vitro model study. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2013, 116, e356-e361.	0.2	28
28	Biomechanical effect of implant design on four implants supporting mandibular full-arch fixed dentures: In Vitro test and finite element analysis. <i>Journal of the Formosan Medical Association</i> , 2020, 119, 1514-1523.	0.8	28
29	CCN1 Induces Oncostatin M Production in Osteoblasts via Integrin-Dependent Signal Pathways. <i>PLoS ONE</i> , 2014, 9, e106632.	1.1	26
30	Impacts of 3D bone-to-implant contact and implant diameter on primary stability of dental implant. <i>Journal of the Formosan Medical Association</i> , 2017, 116, 582-590.	0.8	26
31	Relationship between Cortical Bone Thickness and Cancellous Bone Density at Dental Implant Sites in the Jawbone. <i>Diagnostics</i> , 2020, 10, 710.	1.3	22
32	Effects of implant surface roughness and stiffness of grafted bone on an immediately loaded maxillary implant: a 3D numerical analysis. <i>Journal of Oral Rehabilitation</i> , 2008, 35, 283-290.	1.3	21
33	The Collum angle of the maxillary central incisors in patients with different types of malocclusion. <i>Journal of Dental Sciences</i> , 2012, 7, 72-76.	1.2	18
34	New quantitative classification of the anatomical relationship between impacted third molars and the inferior alveolar nerve. <i>BMC Medical Imaging</i> , 2015, 15, 59.	1.4	17
35	Clinical assessment of the palatal alveolar bone thickness and its correlation with the buccolingual angulation of maxillary incisors for immediate implant placement. <i>Clinical Implant Dentistry and Related Research</i> , 2019, 21, 1080-1086.	1.6	17
36	Biomechanical Evaluation of Subcrestal Placement of Dental Implants: In Vitro and Numerical Analyses. <i>Journal of Periodontology</i> , 2011, 82, 302-310.	1.7	16

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37	Location of the Mandibular Canal and Thickness of the Occlusal Cortical Bone at Dental Implant Sites in the Lower Second Premolar and First Molar. <i>Computational and Mathematical Methods in Medicine</i> , 2013, 2013, 1-8.	0.7	16
38	Effect of bone quality on the artificial temporomandibular joint condylar prosthesis. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2010, 109, e1-e5.	1.6	15
39	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.	3.8	15
40	Association between Age of Menopause and Thickness of Crestal Cortical Bone at Dental Implant Site: A Cross-Sectional Observational Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5868.	1.2	14
41	Analgesic and Neuroprotective Effects of Electroacupuncture in a Dental Pulp Injury Model—A Basic Research. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2628.	1.8	13
42	Effects of cortical bone thickness and implant length on bone strain and interfacial micromotion in an immediately loaded implant. <i>International Journal of Oral and Maxillofacial Implants</i> , 2010, 25, 706-14.	0.6	12
43	<title>Gel electrophoretic studies of photochemical cross-linking of type I collagen with brominated 1,8-naphthalimide dyes and visible light</title>. , 1994, , .		11
44	Comparisons of maximum deformation and failure forces at the implantâ€“abutment interface of titanium implants between titanium-alloy and zirconia abutments with two levels of marginal bone loss. <i>BioMedical Engineering OnLine</i> , 2013, 12, 45.	1.3	8
45	Effects of implant length and 3D bone-to-implant contact on initial stabilities of dental implant: a microcomputed tomography study. <i>BMC Oral Health</i> , 2017, 17, 132.	0.8	8
46	Bonding and Thermal Cycling Performances of Two (Poly)Arylâ€“Etherâ€“Ketone (PAEKs) Materials to an Acrylic Denture Base Resin. <i>Polymers</i> , 2021, 13, 543.	2.0	8
47	Title is missing!. <i>Journal of Medical and Biological Engineering</i> , 2013, 33, 538.	1.0	8
48	Biomechanical Analyses of Porous Designs of 3D-Printed Titanium Implant for Mandibular Segmental Osteotomy Defects. <i>Materials</i> , 2022, 15, 576.	1.3	8
49	Self-assembled micro-computed tomography for dental education. <i>PLoS ONE</i> , 2018, 13, e0209698.	1.1	7
50	Biomechanical Assessment of Design Parameters on a Self-Developed 3D-Printed Titanium-Alloy Reconstruction/Prosthetic Implant for Mandibular Segmental Osteotomy Defect. <i>Metals</i> , 2019, 9, 597.	1.0	7
51	Effects of Positions and Angulations of Titanium Dental Implants in Biomechanical Performances in the All-on-Four Treatment: 3D Numerical and Strain Gauge Methods. <i>Metals</i> , 2020, 10, 280.	1.0	5
52	Biomechanical analysis of occlusal modes on the periodontal ligament while orthodontic force applied. <i>Clinical Oral Investigations</i> , 2021, 25, 5661-5670.	1.4	5
53	Effects of mixology courses and blood lead levels on dental caries among students. <i>Community Dentistry and Oral Epidemiology</i> , 2010, 38, 222-227.	0.9	3
54	Can Male Patientâ€™s Age Affect the Cortical Bone Thickness of Jawbone for Dental Implant Placement? A Cohort Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4284.	1.2	3

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55	Computer-assisted system on mandibular canal detection. Biomedizinische Technik, 2017, 62, 575-580.	0.9	2
56	PROTOTYPE OF A 2.5D PERIAPICAL RADIOGRAPHY SYSTEM USING AN INTRAORAL COMPUTED TOMOSYNTHESIS APPROACH. Biomedical Engineering - Applications, Basis and Communications, 2018, 30, 1850004.	0.3	2
57	Assessment of the Retromolar Canal in Taiwan Subpopulation: A Cross-Sectional Cone-Beam Computed Tomography Study in a Medical Center. Tomography, 2021, 7, 219-227.	0.8	2
58	Factors related to the chemical substance use of physicians, pharmacists, and nurses in Taiwan. International Journal of Public Policy, 2013, 9, 416.	0.1	1
59	The Effects of Insertion Approach on the Stability of Dental Implants. Applied Bionics and Biomechanics, 2022, 2022, 1-7.	0.5	1
60	Cell attachment and viability on micro-arc-oxidation (MAO) microwave/hydrothermal treated titanium surface. , 2013, 2013, 6973-5.		0
61	Geometrical Calibration of a 2.5D Periapical Radiography System. Applied Sciences (Switzerland), 2020, 10, 906.	1.3	0
62	Biomechanical Analysis of Various Shapes and Surface Roughnesses of an Immediately Loaded Implant_3D Finite Element Simulation. IFMBE Proceedings, 2009, , 245-248.	0.2	0
63	Outpatient Dental Treatment Expenditure for Patients with Oromaxillofacial Cancer: A Cohort Study in Taiwan. International Journal of Environmental Research and Public Health, 2022, 19, 1066.	1.2	0