

# Chun-Li Lin

## List of Publications by Year in descending order

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Version: 2024-02-01

100  
papers

1,854  
citations

236612

25  
h-index

315357

38  
g-index

100  
all docs

100  
docs citations

100  
times ranked

1665  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Assessment of Lumbar Vertebrae Morphology by Computed Tomography in Older Adults with Osteoporosis. <i>Current Medical Imaging</i> , 2022, 18, 1195-1203.   | 0.4 | 1         |
| 2  | Biomechanical Analysis and Design Method for Patient-Specific Reconstructive Implants for Large Bone Defects of the Distal Lateral Femur. <i>Biosensors</i> , 2022, 12, 4.  | 2.3 | 5         |
| 3  | Functional Evaluation of a Novel Multi-Axial Alveolar Distractor—Preliminary In Vivo Animal Study. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1898.  | 1.3 | 0         |
| 4  | A Novel Tongue Pressure Measurement Instrument with Wireless Mobile Application Control Function and Disposable Positioning Mouthpiece. <i>Diagnostics</i> , 2021, 11, 489.   | 1.3 | 4         |
| 5  | Decreased Tongue Pressure Associated with Aging, Chewing and Swallowing Difficulties of Community-Dwelling Older Adults in Taiwan. <i>Journal of Personalized Medicine</i> , 2021, 11, 653.   | 1.1 | 10        |
| 6  | Mechanical Comparison of a Novel Hybrid and Commercial Dorsal Double Plating for Distal Radius Fracture: In Vitro Fatigue Four-Point Bending and Biomechanical Testing. <i>Materials</i> , 2021, 14, 6189.  | 1.3 | 1         |
| 7  | Design Criteria for Patient-specific Mandibular Continuity Defect Reconstructed Implant with Lightweight Structure using Weighted Topology Optimization and Validated with Biomechanical Fatigue Testing. <i>International Journal of Bioprinting</i> , 2021, 8, 437.         | 1.7 | 5         |
| 8  | Design of a Metal 3D Printing Patient-Specific Repairing Thin Implant for Zygomaticomaxillary Complex Bone Fracture Based on Buttress Theory Using Finite Element Analysis. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4738.   | 1.3 | 1         |
| 9  | Integrating CAD and 3D-Printing Techniques to Construct an In Vitro Laser Standard Treatment Platform for Evaluating the Effectiveness of Sterilization by Er:YAG Laser in Peri-Implant Intra-Bony Defects. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3431.           | 1.3 | 0         |
| 10 | Integrating Finite Element Death Technique and Bone Remodeling Theory to Predict Screw Loosening Affected by Radiation Treatment after Mandibular Reconstruction Surgery. <i>Diagnostics</i> , 2020, 10, 844.   | 1.3 | 3         |
| 11 | Biomechanical Evaluation of the Effects of Implant Neck Wall Thickness and Abutment Screw Size: A 3D Nonlinear Finite Element Analysis. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3471.   | 1.3 | 14        |
| 12 | Biomechanical investigation of a novel hybrid dorsal double plating for distal radius fractures by integrating topology optimization and finite element analysis. <i>Injury</i> , 2020, 51, 1271-1280.  | 0.7 | 15        |
| 13 | Effect of implant design on the initial biomechanical stability of two self-tapping dental implants. <i>Clinical Biomechanics</i> , 2020, 74, 124-130.  | 0.5 | 7         |
| 14 | Patient-Specific 3-Dimensional Printing Titanium Implant Biomechanical Evaluation for Complex Distal Femoral Open Fracture Reconstruction with Segmental Large Bone Defect: A Nonlinear Finite Element Analysis. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4098.      | 1.3 | 2         |
| 15 | Biomechanical analysis of single-level interbody fusion with different internal fixation rod materials: a finite element analysis. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 100.  | 0.8 | 18        |
| 16 | Design of a patient-specific mandible reconstruction implant with dental prosthesis for metal 3D printing using integrated weighted topology optimization and finite element analysis. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 105, 103700. | 1.5 | 37        |
| 17 | Biomechanical Assessment of Vertebroplasty Combined with Cement-Augmented Screw Fixation for Lumbar Burst Fractures: A Finite Element Analysis. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2133.   | 1.3 | 7         |
| 18 | Novel mandibular advancement bite block with supplemental oxygen to both nasal and oral cavity improves oxygenation during esophagogastroduodenoscopy: a bench comparison. <i>Journal of Clinical Monitoring and Computing</i> , 2019, 33, 523-530.                           | 0.7 | 3         |

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|----|---|-----|-----------|
| 19 | High-Flow Nasal Cannula and Mandibular Advancement Bite Block Decrease Hypoxic Events during Sedative Esophagogastroduodenoscopy: A Randomized Clinical Trial. <i>BioMed Research International</i> , 2019, 2019, 1-7.  | 0.9 | 25        |
| 20 | A biomechanical investigation of the retentive force of pedicle screw structures for different screw tulip designs. <i>Clinical Biomechanics</i> , 2019, 70, 23-30.   | 0.5 | 4         |
| 21 | EDITORIAL: 21ST INTERNATIONAL CONFERENCE ON MECHANICS IN MEDICINE AND BIOLOGY 2018 BEST PAPER AWARDS. <i>Journal of Mechanics in Medicine and Biology</i> , 2019, 19, 1902002.  | 0.3 | 0         |
| 22 | INVESTIGATION INTO WHETHER OR NOT PMMA BONE CEMENT TRANSPEDICULAR SCREW AUGMENTATION STABILIZES PEDICLE SCREW LOOSENING. <i>Journal of Mechanics in Medicine and Biology</i> , 2019, 19, 1940024.   | 0.3 | 0         |
| 23 | BIOMECHANICAL ANALYSIS TO VERIFY THE BUTTRESS THEORY WHEN USING THE ANATOMICAL THIN TITANIUM MESH PLATE FOR ZYGOMATICOMAXILLARY COMPLEX BONE FRACTURE. <i>Journal of Mechanics in Medicine and Biology</i> , 2019, 19, 1940025.                                   | 0.3 | 1         |
| 24 | Novel multi-axial alveolar distractor " Part I: Design, manufacture, and mechanical/functional tests. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2019, 47, 1682-1689.  | 0.7 | 2         |
| 25 | A novel anatomical thin titanium mesh plate with patient-matched bending technique for orbital floor reconstruction. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2018, 46, 1526-1532.   | 0.7 | 9         |
| 26 | Customized surgical template fabrication under biomechanical consideration by integrating CBCT image, CAD system and finite element analysis. <i>Dental Materials Journal</i> , 2018, 37, 6-14.   | 0.8 | 11        |
| 27 | Oral capnography is more effective than nasal capnography during sedative upper gastrointestinal endoscopy. <i>Journal of Clinical Monitoring and Computing</i> , 2018, 32, 321-326.  | 0.7 | 20        |
| 28 | Development of a novel anatomical thin titanium mesh plate with reduction guidance and fixation function for Asian zygomatic-orbitomaxillary complex fracture. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2018, 46, 547-557.                               | 0.7 | 8         |
| 29 | Anatomical Thin Titanium Mesh Plate Structural Optimization for Zygomatic-Maxillary Complex Fracture under Fatigue Testing. <i>BioMed Research International</i> , 2018, 2018, 1-7.   | 0.9 | 3         |
| 30 | Evaluation of early resin luting cement damage induced by voids around a circular fiber post in a root canal treated premolar by integrating micro-CT, finite element analysis and fatigue testing. <i>Dental Materials</i> , 2018, 34, 1082-1088.                | 1.6 | 12        |
| 31 | Load Fatigue Performance Evaluation on Two Internal Tapered Abutment Implant Connection Implants Under Different Screw Tightening Torques. <i>Journal of Oral Implantology</i> , 2017, 43, 107-113.   | 0.4 | 3         |
| 32 | A biomechanical investigation of different screw head designs for vertebral derotation in scoliosis surgery. <i>Spine Journal</i> , 2017, 17, 1171-1179.  | 0.6 | 10        |
| 33 | Biomechanical evaluation of a novel hybrid reconstruction plate for mandible segmental defects: A finite element analysis and fatigue testing. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2017, 45, 1671-1680.   | 0.7 | 29        |
| 34 | A novel anatomical short glass fiber reinforced post in an endodontically treated premolar mechanical resistance evaluation using acoustic emission under fatigue testing. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2017, 65, 151-159. | 1.5 | 4         |
| 35 | In Vitro Laser Treatment Platform Construction with Dental Implant Thread Surface on Bacterial Adhesion for Peri-Implantitis. <i>BioMed Research International</i> , 2017, 2017, 1-7.   | 0.9 | 6         |
| 36 | Developing Customized Dental Miniscrew Surgical Template from Thermoplastic Polymer Material Using Image Superimposition, CAD System, and 3D Printing. <i>BioMed Research International</i> , 2017, 2017, 1-8.  | 0.9 | 10        |

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|----|---|-----|-----------|
| 37 | Mechanical resistance evaluation of a novel anatomical short glass fiber reinforced post in artificial endodontically treated premolar under rotational/lateral fracture fatigue testing. <i>Dental Materials Journal</i> , 2016, 35, 233-240.                            | 0.8 | 6         |
| 38 | Factorial Analysis of Variables Influencing Mechanical Characteristics in Le Fort I Osteotomy Using FEA and Statistics-Based Taguchi Method. <i>Journal of Medical and Biological Engineering</i> , 2016, 36, 495-505.  | 1.0 | 2         |
| 39 | Biomechanical interactions of endodontically treated tooth implant-supported prosthesis under fatigue test with acoustic emission monitoring. <i>BioMedical Engineering OnLine</i> , 2016, 15, 23.  | 1.3 | 8         |
| 40 | Biomechanical interactions of different mini-plate fixations and maxilla advancements in the Le Fort I Osteotomy: a finite element analysis. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2016, 19, 1704-1713.                                    | 0.9 | 12        |
| 41 | Biomechanical optimization of a custom-made positioning and fixing bone plate for Le Fort I osteotomy by finite element analysis. <i>Computers in Biology and Medicine</i> , 2016, 68, 49-56.   | 3.9 | 22        |
| 42 | Mechanical response comparison in an implant overdenture retained by ball attachments on conventional regular and mini dental implants: a finite element analysis. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2016, 19, 911-921.                | 0.9 | 14        |
| 43 | COMPARISON OF PROXIMAL <i>IN VITRO</i> TOOTH CONTACTS IN CLASS II RESTORATIONS WITH DIFFERENT RESTORATIVE MATERIALS AND CAVITY SIZES USING A NEW MEASUREMENT DEVICE. <i>Journal of Mechanics in Medicine and Biology</i> , 2015, 15, 1550057.                             | 0.3 | 0         |
| 44 | A Revolving Temporary Anchorage Cap Connecting to an Orthodontic Miniscrew Using In Vitro Experimental Testing. <i>Implant Dentistry</i> , 2015, 24, 693-698.   | 1.7 | 0         |
| 45 | Early resin luting material damage around a circular fiber post in a root canal treated premolar by using micro-computerized tomographic and finite element sub-modeling analyses. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2015, 51, 184-193. | 1.5 | 13        |
| 46 | Examination of ceramic restoration adhesive coverage in cusp-replacement premolar using acoustic emission under fatigue testing. <i>BioMedical Engineering OnLine</i> , 2014, 13, 165.  | 1.3 | 3         |
| 47 | Do Dual-Thread Orthodontic Mini-Implants Improve Bone/Tissue Mechanical Retention?. <i>Implant Dentistry</i> , 2014, Publish Ahead of Print, 653-8.   | 1.7 | 3         |
| 48 | Examination of ceramic/enamel interfacial debonding using acoustic emission and optical coherence tomography. <i>Dental Materials</i> , 2014, 30, 910-916.  | 1.6 | 14        |
| 49 | Estimation of the Failure Risk of a Maxillary Premolar with Different Crack Depths with Endodontic Treatment by Computer-aided Design/Computer-aided Manufacturing Ceramic Restorations. <i>Journal of Endodontics</i> , 2013, 39, 375-379.                               | 1.4 | 28        |
| 50 | Design optimisation and experimental evaluation of dorsal double plating fixation for distal radius fracture. <i>Injury</i> , 2013, 44, 527-534.  | 0.7 | 16        |
| 51 | Examination of ceramic restorative material interfacial debonding using acoustic emission and optical coherence tomography. <i>Dental Materials</i> , 2013, 29, 382-388.  | 1.6 | 18        |
| 52 | Biomechanical consideration of total hip arthroplasty following failed fixation of femoral intertrochanteric fractures – A finite element analysis. <i>Medical Engineering and Physics</i> , 2013, 35, 569-575.   | 0.8 | 18        |
| 53 | Biomechanical Evaluation of an Orthodontic Miniimplant Used With Revolving (Translation and) Tj ETQq1 1 0.784314 rgBT /Overlock<br><i>Dentistry</i> , 2013, 22, 77-82.  | 1.7 | 7         |
| 54 | Design and validation of a dynamic stretch splint for plantar fasciitis. <i>Medical Engineering and Physics</i> , 2012, 34, 920-928.  | 0.8 | 4         |

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|----|---|-----|-----------|
| 55 | Finite element analysis of different repair methods of Vancouver B1 periprosthetic fractures after total hip arthroplasty. <i>Injury</i> , 2012, 43, 1061-1065.   | 0.7 | 25        |
| 56 | Biomechanical analysis of the effects of implant diameter and bone quality in short implants placed in the atrophic posterior maxilla. <i>Medical Engineering and Physics</i> , 2012, 34, 153-160.  | 0.8 | 60        |
| 57 | Effects of different ceramic and dentin thicknesses on the temperature rise during photocuring. <i>Journal of Dental Sciences</i> , 2011, 6, 210-215.   | 1.2 | 6         |
| 58 | Evaluation of failure risks in ceramic restorations for endodontically treated premolar with MOD preparation. <i>Dental Materials</i> , 2011, 27, 431-438.  | 1.6 | 66        |
| 59 | Development of high-throughput perfusion-based microbio reactor platform capable of providing tunable dynamic tensile loading to cells and its application for the study of bovine articular chondrocytes. <i>Biomedical Microdevices</i> , 2011, 13, 789-798.  | 1.4 | 18        |
| 60 | Application of non-destructive impedance-based monitoring technique for cyclic fatigue evaluation of endodontic nickel-titanium rotary instruments. <i>Medical Engineering and Physics</i> , 2011, 33, 604-609.   | 0.8 | 6         |
| 61 | Finite element sub-modeling analyses of damage to enamel at the incisor enamel/adhesive interface upon de-bonding for different orthodontic bracket bases. <i>Journal of Biomechanics</i> , 2011, 44, 134-142.  | 0.9 | 28        |
| 62 | 3D Micro-Crack Propagation Simulation at Enamel/Adhesive Interface Using FE Submodeling and Element Death Techniques. <i>Annals of Biomedical Engineering</i> , 2010, 38, 2004-2012.  | 1.3 | 3         |
| 63 | Estimation of the retainer height biomechanical contribution in posterior resin-bonded fixed partial dentures: a structural-thermal coupled finite element analysis. <i>Medical and Biological Engineering and Computing</i> , 2010, 48, 1115-1122.   | 1.6 | 6         |
| 64 | Multi-factorial analysis of variables influencing the bone loss of an implant placed in the maxilla: Prediction using FEA and SED bone remodeling algorithm. <i>Journal of Biomechanics</i> , 2010, 43, 644-651.  | 0.9 | 66        |
| 65 | Evaluation of contributions of orthodontic mini-screw design factors based on FE analysis and the Taguchi method. <i>Journal of Biomechanics</i> , 2010, 43, 2174-2181.   | 0.9 | 27        |
| 66 | Finite element and Weibull analyses to estimate failure risks in the ceramic endocrown and classical crown for endodontically treated maxillary premolar. <i>European Journal of Oral Sciences</i> , 2010, 118, 87-93.  | 0.7 | 81        |
| 67 | NUMERICAL INVESTIGATION OF FAILURE RISK OF CAD/CAM CERAMIC RESTORATION FOR AN ENDODONTICALLY TREATED MAXILLARY PREMOLAR WITH MO PREPARATION. <i>Biomedical Engineering - Applications, Basis and Communications</i> , 2010, 22, 327-335.  | 0.3 | 3         |
| 68 | Multifactorial analysis of variables influencing the fracture strength of repair joints for provisional restorative materials using the statistically based Taguchi method. <i>Journal of Dental Sciences</i> , 2010, 5, 90-99.   | 1.2 | 3         |
| 69 | Evaluation of Stress Induced by Implant Type, Number of Splinted Teeth, and Variations in Periodontal Support in Tooth-Implant-Supported Fixed Partial Dentures: A Non-Linear Finite Element Analysis. <i>Journal of Periodontology</i> , 2010, 81, 121-130.  | 1.7 | 26        |
| 70 | Biomechanical Responses of Endodontically Treated Tooth Implant-supported Prosthesis. <i>Journal of Endodontics</i> , 2010, 36, 1688-1692.  | 1.4 | 4         |
| 71 | MICROMECHANICAL ANALYSIS AND CRACK PROPAGATION SIMULATION OF ENAMEL/CERAMIC ADHESIVE INTERFACE IN AN INCISOR VENEER USING THREE-DIMENSIONAL FINITE ELEMENT SUBMODELING AND ELEMENT DEACTIVATION APPROACHES. <i>Biomedical Engineering - Applications, Basis and Communications</i> , 2009, 21, 325-331. | 0.3 | 1         |
| 72 | Evaluation of the relative contributions of multi-factors in an adhesive MOD restoration using FEA and the Taguchi method. <i>Dental Materials</i> , 2009, 25, 1073-1081.   | 1.6 | 22        |

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| 73 | Mechanical interactions of cuspal-coverage designs and cement thickness in a cusp-replacing ceramic premolar restoration: a finite element study. <i>Medical and Biological Engineering and Computing</i> , 2009, 47, 367-374.                                     | 1.6 | 28        |
| 74 | Estimation of the Risk of Failure for an Endodontically Treated Maxillary Premolar With MODP Preparation and CAD/CAM Ceramic Restorations. <i>Journal of Endodontics</i> , 2009, 35, 1391-1395.  | 1.4 | 49        |
| 75 | Numerical investigation of macro- and micro-mechanics of a ceramic veneer bonded with various cement thicknesses using the typical and submodeling finite element approaches. <i>Journal of Dentistry</i> , 2009, 37, 141-148.                                     | 1.7 | 28        |
| 76 | Biomechanical interactions in tooth-implant-supported fixed partial dentures with variations in the number of splinted teeth and connector type: a finite element analysis. <i>Clinical Oral Implants Research</i> , 2008, 19, 107-117.                            | 1.9 | 55        |
| 77 | Finite element analysis of plantar fascia under stretch-The relative contribution of windlass mechanism and Achilles tendon force. <i>Journal of Biomechanics</i> , 2008, 41, 1937-1944.   | 0.9 | 98        |
| 78 | Combining structural-thermal coupled field FE analysis and the Taguchi method to evaluate the relative contributions of multi-factors in a premolar adhesive MOD restoration. <i>Journal of Dentistry</i> , 2008, 36, 626-636.                                     | 1.7 | 20        |
| 79 | Multi-factorial analysis of a cusp-replacing adhesive premolar restoration: A finite element study. <i>Journal of Dentistry</i> , 2008, 36, 194-203.   | 1.7 | 79        |
| 80 | Nonlinear Finite Element Analysis of the Plantar Fascia Due to the Windlass Mechanism. <i>Foot and Ankle International</i> , 2008, 29, 845-851.  | 1.1 | 20        |
| 81 | BIOMECHANICAL ANALYSIS OF INTERBODY AND POSTEROLATERAL FUSION WITH TRANSPEDICULAR SCREW FIXATION FOR SPONDYLOLISTHESIS: A FINITE ELEMENT STUDY. <i>Biomedical Engineering - Applications, Basis and Communications</i> , 2008, 20, 145-151.                        | 0.3 | 1         |
| 82 | Biomechanical response of implant systems placed in the maxillary posterior region under various conditions of angulation, bone density, and loading. <i>International Journal of Oral and Maxillofacial Implants</i> , 2008, 23, 57-64.                           | 0.6 | 48        |
| 83 | Biomechanical evaluation of the modified double-plating fixation for the distal radius fracture. <i>Clinical Biomechanics</i> , 2007, 22, 510-517.   | 0.5 | 33        |
| 84 | Factorial analysis of variables influencing mechanical characteristics of a single tooth implant placed in the maxilla using finite element analysis and the statistics-based Taguchi method. <i>European Journal of Oral Sciences</i> , 2007, 115, 408-416.       | 0.7 | 80        |
| 85 | FACTORIAL ANALYSIS OF A CUSP-REPLACING ADHESIVE PREMOLAR RESTORATION A FINITE ELEMENT STUDY(3D1 Dental Biomechanics). <i>The Proceedings of the Asian Pacific Conference on Biomechanics Emerging Science and Technology in Biomechanics</i> , 2007, 2007.3, S221. | 0.0 | 0         |
| 86 | Evaluation of a reinforced slot design for CEREC system to restore extensively compromised premolars. <i>Journal of Dentistry</i> , 2006, 34, 221-229.   | 1.7 | 23        |
| 87 | Mechanical interactions of an implant/tooth-supported system under different periodontal supports and number of splinted teeth with rigid and non-rigid connections. <i>Journal of Dentistry</i> , 2006, 34, 682-691.  | 1.7 | 32        |
| 88 | Numerical simulation on the biomechanical interactions of tooth/implant-supported system under various occlusal forces with rigid/non-rigid connections. <i>Journal of Biomechanics</i> , 2006, 39, 453-463.   | 0.9 | 66        |
| 89 | Buttressing angle of the double-plating fixation of a distal radius fracture: a finite element study. <i>Medical and Biological Engineering and Computing</i> , 2006, 44, 665-673.   | 1.6 | 22        |
| 90 | Finite element analysis of biomechanical interactions of a tooth-implant splinting system for various bone qualities. <i>Chang Gung Medical Journal</i> , 2006, 29, 143-53.  | 0.7 | 8         |

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|-----|---|-----|-----------|
| 91  | DESIGN, MANUFACTURE AND CLINICAL EVALUATION OF A NEW TMJ EXERCISER. Biomedical Engineering - Applications, Basis and Communications, 2005, 17, 135-140.   | 0.3 | 8         |
| 92  | NUMERICAL INVESTIGATION OF SPAN LENGTHS AFFECTING MECHANICAL RESPONSES IN ANTERIOR RESIN-BONDED FIXED PARTIAL DENTURE. Biomedical Engineering - Applications, Basis and Communications, 2005, 17, 121-125.                        | 0.3 | 2         |
| 93  | EFFECTS OF DENTAL IMPLANT LENGTH AND BONE QUALITY ON BIOMECHANICAL RESPONSES IN BONE AROUND IMPLANTS: A 3-D NON-LINEAR FINITE ELEMENT ANALYSIS. Biomedical Engineering - Applications, Basis and Communications, 2005, 17, 44-49. | 0.3 | 32        |
| 94  | Multi-factorial retainer design analysis of posterior resin-bonded fixed partial dentures: a finite element study. Journal of Dentistry, 2005, 33, 711-720.   | 1.7 | 23        |
| 95  | Finite Element Analysis of Plate Fixation on Mandibular Symphysis Fracture(Orthopaedic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 and Technology in Biomechanics, 2004, 2004.1, 161-162.  | 0.0 | 0         |
| 96  | Integration of CT, CAD system and finite element method to investigate interfacial stresses of resin-bonded prosthesis. Computer Methods and Programs in Biomedicine, 2003, 72, 55-64.  | 2.6 | 13        |
| 97  | Nonlinear finite element analysis of a splinted implant with various connectors and occlusal forces. International Journal of Oral and Maxillofacial Implants, 2003, 18, 331-40.  | 0.6 | 16        |
| 98  | Numerical investigation of the factors affecting interfacial stresses in an MOD restored tooth by auto-meshed finite element method. Journal of Oral Rehabilitation, 2001, 28, 517-525.   | 1.3 | 32        |
| 99  | Multifactorial analysis of an MOD restored human premolar using auto-mesh finite element approach. Journal of Oral Rehabilitation, 2001, 28, 576-585.   | 1.3 | 71        |
| 100 | Automatic finite element mesh generation for maxillary second premolar. Computer Methods and Programs in Biomedicine, 1999, 59, 187-195.  | 2.6 | 38        |