

# Lukasz Witek

## List of Publications by Year in descending order

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Version: 2024-02-01

116  
papers

2,246  
citations

249298

26  
h-index

340414

39  
g-index

118  
all docs

118  
docs citations

118  
times ranked

2413  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | The presence of 3D printing in orthopedics: A clinical and material review. <i>Journal of Orthopaedic Research</i> , 2023, 41, 601-613.  | 1.2 | 15        |
| 2  | Physiochemical and bactericidal activity evaluation: Silver-augmented 3D-printed scaffolds: An in vitro study. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2022, 110, 195-209.   | 1.6 | 9         |
| 3  | Osteoradionecrosis After Radiation to Reconstructed Mandible With Titanium Plate and Osseointegrated Dental Implants. <i>Practical Radiation Oncology</i> , 2022, 12, 90-94.   | 1.1 | 0         |
| 4  | Self-assembling human skeletal organoids for disease modeling and drug testing. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2022, 110, 871-884.  | 1.6 | 14        |
| 5  | Tissue Engineering Strategies for Craniomaxillofacial Surgery: Current Trends in 3D-Printed Bioactive Ceramic Scaffolds. <i>Springer Series in Biomaterials Science and Engineering</i> , 2022, , 55-74.   | 0.7 | 2         |
| 6  | 3D-printed resins for provisional dental restorations: Comparison of mechanical and biological properties. <i>Journal of Esthetic and Restorative Dentistry</i> , 2022, 34, 804-815.   | 1.8 | 32        |
| 7  | Effects of local single dose administration of parathormone on the early stages of osseointegration: A pre-clinical study. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2022, , .   | 1.6 | 2         |
| 8  | Residual stress estimated by nanoindentation in pontics and abutments of veneered zirconia fixed dental prostheses. <i>Journal of Applied Oral Science</i> , 2022, 30, e20210475.  | 0.7 | 1         |
| 9  | Locally Secreted Semaphorin 4D Is Engaged in Both Pathogenic Bone Resorption and Retarded Bone Regeneration in a Ligature-Induced Mouse Model of Periodontitis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5630.                         | 1.8 | 9         |
| 10 | Drug-Eluting Rubber Bands for Tissue Ligation. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 27675-27685.  | 4.0 | 0         |
| 11 | Effect of leukocyte-platelet-rich fibrin in bone healing around dental implants placed in conventional and wide osteotomy sites: A pre-clinical study. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2022, 110, 2705-2713. | 1.6 | 5         |
| 12 | Effect of Surgical Instrumentation Variables on the Osseointegration of Narrow- and Wide-Diameter Short Implants. <i>Journal of Oral and Maxillofacial Surgery</i> , 2021, 79, 346-355.  | 0.5 | 5         |
| 13 | WE43 and WE43-T5 Mg alloys screws tested in-vitro cellular adhesion and differentiation assay and in-vivo histomorphologic analysis in an ovine model. <i>Journal of Biomaterials Applications</i> , 2021, 35, 901-911.                                      | 1.2 | 2         |
| 14 | Comparison of Surface Treatments of Endosteal Implants in Ovariectomized Rabbits. <i>International Journal of Oral and Maxillofacial Implants</i> , 2021, 36, 38-46.   | 0.6 | 0         |
| 15 | Trends in the 3D-Printing Parts for Medical and Dental Implant Technologies. , 2021, , .   |     | 0         |
| 16 | Histomorphometric analysis of implant osseointegration using hydrophilic implants in diabetic rats. <i>Clinical Oral Investigations</i> , 2021, 25, 5867-5878.   | 1.4 | 2         |
| 17 | Comparative barrier membrane degradation over time: Pericardium versus dermal membranes. <i>Clinical and Experimental Dental Research</i> , 2021, 7, 711-718.  | 0.8 | 15        |
| 18 | Effects of relative centrifugation force on L-PRF: An in vivo submandibular boney defect regeneration study. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2021, 109, 2237-2245.   | 1.6 | 6         |

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|----|---|------|-----------|
| 19 | Physical and chemical characterization of synthetic bone mineral ink - For additive manufacturing applications. <i>Annals of 3D Printed Medicine</i> , 2021, 3, 100024.   | 1.6  | 2         |
| 20 | Effect of supplemental acid-etching on the early stages of osseointegration: A preclinical model. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 122, 104682.  | 1.5  | 5         |
| 21 | Nanoscale physico-mechanical properties of an aging resistant ZTA composite. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 123, 104690.   | 1.5  | 5         |
| 22 | Hydrothermal aging affects the three-dimensional fit and fatigue lifetime of zirconia abutments. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 124, 104832.   | 1.5  | 4         |
| 23 | Osseodensification Versus Subtractive Drilling Techniques in Bone Healing and Implant Osseointegration: Ex Vivo Histomorphologic/Histomorphometric Analysis in a Low-Density Bone Ovine Model. <i>International Journal of Oral and Maxillofacial Implants</i> , 2021, 36, 903-909. | 0.6  | 8         |
| 24 | Transforming the Degradation Rate of $\beta$ -tricalcium Phosphate Bone Replacement Using 3-Dimensional Printing. <i>Annals of Plastic Surgery</i> , 2021, 87, e153-e162.   | 0.5  | 12        |
| 25 | Three-Dimensionally-Printed Bioactive Ceramic Scaffolds: Construct Effects on Bone Regeneration. <i>Journal of Craniofacial Surgery</i> , 2021, 32, 1177-1181.  | 0.3  | 8         |
| 26 | Clinical application of a FOXO1 inhibitor improves connective tissue healing in a diabetic minipig model. <i>American Journal of Translational Research (discontinued)</i> , 2021, 13, 781-791.   | 0.0  | 0         |
| 27 | Microtomographic reconstruction of mandibular defects treated with xenografts and collagen-based membranes: A pre-clinical minipig model. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2021, 26, e825-e833.   | 0.7  | 7         |
| 28 | Early-onset osteoradionecrosis following adjuvant volumetric-modulated arc therapy to an osteocutaneous free fibula flap with customized titanium plate. <i>Journal of Stomatology, Oral and Maxillofacial Surgery</i> , 2021, , .  | 0.5  | 0         |
| 29 | The effect of platelet-rich fibrin exudate addition to porous poly(lactic acid-glycolic acid) scaffold in bone healing: An in vivo study. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020, 108, 1304-1310.                                     | 1.6  | 12        |
| 30 | Bone Tissue Engineering in the Growing Calvaria Using Dipyridamole-Coated, Three-Dimensionally-Printed Bioceramic Scaffolds: Construct Optimization and Effects on Cranial Suture Patency. <i>Plastic and Reconstructive Surgery</i> , 2020, 145, 337e-347e.                        | 0.7  | 30        |
| 31 | Implant-abutment fit influences the mechanical performance of single-crown prostheses. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 102, 103506.   | 1.5  | 9         |
| 32 | Microstructural, mechanical, and optical characterization of an experimental aging-resistant zirconia-toughened alumina (ZTA) composite. <i>Dental Materials</i> , 2020, 36, e365-e374.   | 1.6  | 14        |
| 33 | 3D Printing of Microgel-Loaded Modular Microcages as Instructive Scaffolds for Tissue Engineering. <i>Advanced Materials</i> , 2020, 32, e2001736.  | 11.1 | 42        |
| 34 | Clinical, histological, and nanomechanical parameters of implants placed in healthy and metabolically compromised patients. <i>Journal of Dentistry</i> , 2020, 100, 103436.  | 1.7  | 7         |
| 35 | Three-Dimensional Printing for Craniofacial Bone Tissue Engineering. <i>Tissue Engineering - Part A</i> , 2020, 26, 1303-1311.  | 1.6  | 28        |
| 36 | Histological and Nanomechanical Properties of a New Nanometric Hydroxiapatite Implant Surface. An In Vivo Study in Diabetic Rats. <i>Materials</i> , 2020, 13, 5693.  | 1.3  | 8         |

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|----|---|------|-----------|
| 37 | Influence of Abutment Fabrication Method on 3D Fit at the Implant-Abutment Connection. International Journal of Prosthodontics, 2020, 33, 641-647.  | 0.7  | 13        |
| 38 | Osseodensification drilling vs conventional manual instrumentation technique for posterior lumbar fixation: Ex vivo mechanical and histomorphological analysis in an ovine model. Journal of Orthopaedic Research, 2020, 39, 1463-1469. | 1.2  | 4         |
| 39 | Aging resistant ZTA composite for dental applications: Microstructural, optical and mechanical characterization. Dental Materials, 2020, 36, 1190-1200.   | 1.6  | 22        |
| 40 | Obesity/Metabolic Syndrome and Diabetes Mellitus on Peri-implantitis. Trends in Endocrinology and Metabolism, 2020, 31, 596-610.  | 3.1  | 50        |
| 41 | Assessing osseointegration of metallic implants with boronized surface treatment. Medicina Oral, Patologia Oral Y Cirugia Bucal, 2020, 25, e311-e317.   | 0.7  | 6         |
| 42 | Salicylic Acid Polymers in Periodontal Tissue Healing. , 2020, , 43-53.   |      | 2         |
| 43 | Local delivery of adenosine receptor agonists to promote bone regeneration and defect healing. Advanced Drug Delivery Reviews, 2019, 146, 240-247.  | 6.6  | 25        |
| 44 | The effect of osseodensification drilling for endosteal implants with different surface treatments: A study in sheep. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2019, 107, 615-623.                       | 1.6  | 22        |
| 45 | The Effect of CAD/CAM Crown Material and Cement Type on Retention to Implant Abutments. Journal of Prosthodontics, 2019, 28, e552-e556.   | 1.7  | 26        |
| 46 | In-House Manufacture of Sterilizable, Scaled, Patient-Specific 3D-Printed Models for Rhinoplasty. Aesthetic Surgery Journal, 2019, 39, 254-263.   | 0.9  | 27        |
| 47 | Biomaterial and biomechanical considerations to prevent risks in implant therapy. Periodontology 2000, 2019, 81, 139-151.   | 6.3  | 27        |
| 48 | Repair of Critical-Sized Long Bone Defects Using Dipyridamole-Augmented 3D-Printed Bioactive Ceramic Scaffolds. Journal of Orthopaedic Research, 2019, 37, 2499-2507.   | 1.2  | 33        |
| 49 | Tissue-engineered alloplastic scaffolds for reconstruction of alveolar defects. , 2019, , 505-520.  |      | 3         |
| 50 | Parenchymal and stromal tissue regeneration of tooth organ by pivotal signals reinstated in decellularized matrix. Nature Materials, 2019, 18, 627-637.   | 13.3 | 53        |
| 51 | Osteointegrative and microgeometric comparison between micro-blasted and alumina blasting/acid etching on grade II and V titanium alloys (Ti-6Al-4V). Journal of the Mechanical Behavior of Biomedical Materials, 2019, 97, 288-295.    | 1.5  | 14        |
| 52 | Zirconia-reinforced lithium silicate crowns: Effect of thickness on survival and failure mode. Dental Materials, 2019, 35, 1007-1016.   | 1.6  | 30        |
| 53 | 3D Printing and Adenosine Receptor Activation for Craniomaxillofacial Regeneration. , 2019, , 255-267.  |      | 2         |
| 54 | Nanomechanical and microstructural characterization of a zirconia-toughened alumina composite after aging. Ceramics International, 2019, 45, 8840-8846.   | 2.3  | 25        |

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|----|---|-----|-----------|
| 55 | Regeneration of a Pediatric Alveolar Cleft Model Using Three-Dimensionally Printed Bioceramic Scaffolds and Osteogenic Agents: Comparison of Dipyridamole and rhBMP-2. <i>Plastic and Reconstructive Surgery</i> , 2019, 144, 358-370.                              | 0.7 | 21        |
| 56 | Alveolar Ridge Expansion: Comparison of Osseodensification and Conventional Osteotome Techniques. <i>Journal of Craniofacial Surgery</i> , 2019, 30, 607-610.   | 0.3 | 24        |
| 57 | Ridge Architecture Preservation Following Minimally Traumatic Exodontia Techniques and Guided Tissue Regeneration. <i>Implant Dentistry</i> , 2019, 28, 319-328.  | 1.7 | 5         |
| 58 | Dipyridamole-loaded 3D-printed bioceramic scaffolds stimulate pediatric bone regeneration in vivo without disruption of craniofacial growth through facial maturity. <i>Scientific Reports</i> , 2019, 9, 18439.  | 1.6 | 29        |
| 59 | Dipyridamole Augments Three-Dimensionally Printed Bioactive Ceramic Scaffolds to Regenerate Craniofacial Bone. <i>Plastic and Reconstructive Surgery</i> , 2019, 143, 1408-1419.  | 0.7 | 22        |
| 60 | <i>In vivo</i> evaluation of resorbable supercritical CO <sub>2</sub> -treated collagen membranes for class III furcation- <i>guided</i> tissue regeneration. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 1320-1328. | 1.6 | 13        |
| 61 | Absence of Healing Impairment in Osteotomies Prepared via Osseodensification Drilling. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2019, 39, 65-71.  | 0.4 | 18        |
| 62 | Periodontal Tissue Regeneration Using Brain-Derived Neurotrophic Factor Delivered by Collagen Sponge. <i>Tissue Engineering - Part A</i> , 2019, 25, 1072-1083.   | 1.6 | 6         |
| 63 | Synergistic Effects of Implant Macrogeometry and Surface Physicochemical Modifications on Osseointegration: An In Vivo Experimental Study in Sheep. <i>Journal of Long-Term Effects of Medical Implants</i> , 2019, 29, 295-302.                                    | 0.2 | 8         |
| 64 | Osteogenic parameters surrounding trabecular tantalum metal implants in osteotomies prepared via osseodensification drilling. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2019, 24, 0-0.   | 0.7 | 8         |
| 65 | The Role of Adenosine Receptor Activation in Attenuating Cartilaginous Inflammation. <i>Inflammation</i> , 2018, 41, 1135-1141.   | 1.7 | 14        |
| 66 | The effect of DLC-coating deposition method on the reliability and mechanical properties of abutment- <i>screws</i> . <i>Dental Materials</i> , 2018, 34, e128-e137.  | 1.6 | 14        |
| 67 | Histo-morphologic characteristics of intra-osseous implants of WE43 Mg alloys with and without heat treatment in an <i>in vivo</i> cranial bone sheep model. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2018, 46, 473-478.                                   | 0.7 | 9         |
| 68 | Residual stress of porcelain-fused to zirconia 3-unit fixed dental prostheses measured by nanoindentation. <i>Dental Materials</i> , 2018, 34, 260-271.   | 1.6 | 8         |
| 69 | Dipyridamole enhances osteogenesis of three-dimensionally printed bioactive ceramic scaffolds in calvarial defects. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2018, 46, 237-244.  | 0.7 | 44        |
| 70 | Atemporal osseointegration: Early biomechanical stability through osseodensification. <i>Journal of Orthopaedic Research</i> , 2018, 36, 2516-2523.   | 1.2 | 34        |
| 71 | Fatigue Failure of Narrow Implants with Different Implant- <i>Abutment</i> Connection Designs. <i>Journal of Prosthodontics</i> , 2018, 27, 659-664.  | 1.7 | 24        |
| 72 | Three dimensionally printed bioactive ceramic scaffold osseointegration across critical-sized mandibular defects. <i>Journal of Surgical Research</i> , 2018, 223, 115-122.   | 0.8 | 67        |

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|----|---|-----|-----------|
| 73 | Effect of CAD/CAM Abutment Height and Cement Type on the Retention of Zirconia Crowns. <i>Implant Dentistry</i> , 2018, 27, 582-587.  | 1.7 | 26        |
| 74 | The role of 3D printing in treating craniomaxillofacial congenital anomalies. <i>Birth Defects Research</i> , 2018, 110, 1055-1064.   | 0.8 | 40        |
| 75 | Osseodensification outperforms conventional implant subtractive instrumentation: A study in sheep. <i>Materials Science and Engineering C</i> , 2018, 90, 300-307.  | 3.8 | 26        |
| 76 | Form and functional repair of long bone using 3D-printed bioactive scaffolds. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 1986-1999.   | 1.3 | 49        |
| 77 | Osseodensification for enhancement of spinal surgical hardware fixation. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2017, 69, 275-281.   | 1.5 | 33        |
| 78 | The technique for 3D printing patient-specific models for auricular reconstruction. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2017, 45, 937-943.  | 0.7 | 58        |
| 79 | Biocompatibility and degradation properties of WE43 Mg alloys with and without heat treatment: In vivo evaluation and comparison in a cranial bone sheep model. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2017, 45, 2075-2083.      | 0.7 | 37        |
| 80 | In Vivo Evaluation of Dual Acid-Etched and Grit-Blasted/Acid-Etched Implants With Identical Macrogeometry in High-Density Bone. <i>Implant Dentistry</i> , 2017, 26, 815-819.   | 1.7 | 9         |
| 81 | Controlling calcium and phosphate ion release of 3D printed bioactive ceramic scaffolds: An in vitro study. <i>Journal of Advanced Ceramics</i> , 2017, 6, 157-164.   | 8.9 | 27        |
| 82 | Effect of implant placement depth on the peri-implant bone defect configurations in ligature-induced peri-implantitis: An experimental study in dogs. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2017, 23, 0-0.                 | 0.7 | 4         |
| 83 | Biomechanical and histologic basis of osseodensification drilling for endosteal implant placement in low density bone. An experimental study in sheep. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016, 63, 56-65. | 1.5 | 81        |
| 84 | Ticagrelor regulates osteoblast and osteoclast function and promotes bone formation in vivo via an adenosine-dependent mechanism. <i>FASEB Journal</i> , 2016, 30, 3887-3900.   | 0.2 | 49        |
| 85 | Patient-specific 3D Models for Autogenous Ear Reconstruction. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2016, 4, e1093.   | 0.3 | 15        |
| 86 | Influence of placement depth on bone remodeling around tapered internal connection implants: a histologic study in dogs. <i>Clinical Oral Implants Research</i> , 2015, 26, 942-949.  | 1.9 | 24        |
| 87 | Geometrical versus Random $\beta$ -TCP Scaffolds: Exploring the Effects on Schwann Cell Growth and Behavior. <i>PLoS ONE</i> , 2015, 10, e0139820.  | 1.1 | 16        |
| 88 | Assessment of Atmospheric Pressure Plasma Treatment for Implant Osseointegration. <i>BioMed Research International</i> , 2015, 2015, 1-8.   | 0.9 | 26        |
| 89 | Bone Regenerative Potential of Modified Biphasic Graft Materials. <i>Implant Dentistry</i> , 2015, Publish Ahead of Print, 149-54.  | 1.7 | 4         |
| 90 | Development of a guided bone regeneration device using salicylic acid-poly(anhydride-ester) polymers and osteoconductive scaffolds. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 655-664.                          | 2.1 | 17        |

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|-----|---|-----|-----------|
| 91  | The in vivo effect of P15 coating on early osseointegration. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2014, 102, 430-440.  | 1.6 | 22        |
| 92  | Modification of Xenogeneic Graft Materials for Improved Release of P-15 Peptides in a Calvarium Defect Model. Journal of Craniofacial Surgery, 2014, 25, 70-76.   | 0.3 | 3         |
| 93  | Evaluation of bone response to various anorganic bovine bone xenografts: an experimental calvaria defect study. International Journal of Oral and Maxillofacial Surgery, 2014, 43, 251-260.   | 0.7 | 42        |
| 94  | The physicochemical characterization and in vivo response of micro/nanoporous bioactive ceramic particulate bone graft materials. Materials Science and Engineering C, 2014, 43, 472-480.   | 3.8 | 10        |
| 95  | Amoxicillin Administrations and Its Influence on Bone Repair Around Osseointegrated Implants. Journal of Oral and Maxillofacial Surgery, 2014, 72, 305.e1-305.e5.   | 0.5 | 5         |
| 96  | Bone Regeneration Around Implants Placed in Fresh Extraction Sockets Covered with a Dual-Layer PTFE/Collagen Membrane: An Experimental Study in Dogs. International Journal of Periodontics and Restorative Dentistry, 2014, 34, 849-855.   | 0.4 | 4         |
| 97  | Osseointegration assessment of chairside argon-based nonthermal plasma-treated CaP coated dental implants. Journal of Biomedical Materials Research - Part A, 2013, 101A, 98-103.   | 2.1 | 42        |
| 98  | Sintering effects on chemical and physical properties of bioactive ceramics. Journal of Advanced Ceramics, 2013, 2, 274-284.  | 8.9 | 27        |
| 99  | MicroCT Analysis of a Retrieved Root Restored with a Bonded Fiber-Reinforced Composite Dowel: A Pilot Study. Journal of Prosthodontics, 2013, 22, 478-483.  | 1.7 | 7         |
| 100 | Implant Biomechanical Stability Variation at Early Implantation Times in Vivo: An Experimental Study in Dogs. International Journal of Oral and Maxillofacial Implants, 2013, 28, e128-e134.  | 0.6 | 24        |
| 101 | Surface Characterization, Biomechanical, and Histologic Evaluation of Alumina and Bioactive Resorbable Blasting Textured Surfaces in Titanium Implant Healing Chambers: An Experimental Study in Dogs. International Journal of Oral and Maxillofacial Implants, 2013, 28, 694-700. | 0.6 | 15        |
| 102 | Bone-Forming Capabilities of a Newly Developed NanoHA Composite Alloplast Infused with Collagen: A Pilot Study in the Sheep Mandible. International Journal of Dentistry, 2013, 2013, 1-7.  | 0.5 | 6         |
| 103 | Histologic and Biomechanical Evaluation of Alumina-Blasted/Acid-Etched and Resorbable Blasting Media Surfaces. Journal of Oral Implantology, 2012, 38, 549-557.   | 0.4 | 21        |
| 104 | Bone Morphometric Evaluation around Immediately Placed Implants Covered with Porcine-Derived Pericardium Membrane: An Experimental Study in Dogs. International Journal of Biomaterials, 2012, 1-7.   | 1.1 | 5         |
| 105 | Physicochemical Characterization and In Vivo Evaluation of Amorphous and Partially Crystalline Calcium Phosphate Coatings Fabricated on Ti-6Al-4V Implants by the Plasma Spray Method. International Journal of Biomaterials, 2012, 2012, 1-8.                                      | 1.1 | 11        |
| 106 | Argon-based atmospheric pressure plasma enhances early bone response to rough titanium surfaces. Journal of Biomedical Materials Research - Part A, 2012, 100A, 1901-1906.  | 2.1 | 88        |
| 107 | Characterization and in vivo evaluation of laser sintered dental endosseous implants in dogs. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2012, 100B, 1566-1573.  | 1.6 | 30        |
| 108 | Effect of Si addition on Ca and P impregnated implant surfaces with nanometer-scale roughness: an experimental study in dogs. Clinical Oral Implants Research, 2012, 23, 373-378.   | 1.9 | 9         |



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|-----|---|-----|-----------|
| 109 | Abutment Design for Implant-Supported Indirect Composite Molar Crowns: Reliability and Fractography. <i>Journal of Prosthodontics</i> , 2012, 21, 596-603.  | 1.7 | 5         |
| 110 | Effect of Drilling Dimension on Implant Placement Torque and Early Osseointegration Stages: An Experimental Study in Dogs. <i>Journal of Oral and Maxillofacial Surgery</i> , 2012, 70, e43-e50.  | 0.5 | 80        |
| 111 | Assessment of a chair-side argon-based non-thermal plasma treatment on the surface characteristics and integration of dental implants with textured surfaces. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2012, 9, 45-49. | 1.5 | 27        |
| 112 | Characterization of Five Different Implant Surfaces and Their Effect on Osseointegration: A Study in Dogs. <i>Journal of Periodontology</i> , 2011, 82, 742-750.  | 1.7 | 30        |
| 113 | Interval Cranioplasty: Comparison of Current Standards. <i>Plastic and Reconstructive Surgery</i> , 2011, 127, 1855-1864.   | 0.7 | 20        |
| 114 | Additive CAD/CAM Process for Dental Prostheses. <i>Journal of Prosthodontics</i> , 2011, 20, 93-96.   | 1.7 | 93        |
| 115 | Is lacunocanalicular flow the transducer of mechanical tension stress to osteogenesis in distraction?. <i>Journal of the American College of Surgeons</i> , 2010, 211, S84-S85.   | 0.2 | 0         |
| 116 | Bone Tissue Engineering Strategies for Alveolar Cleft: Review of Preclinical Results and Guidelines for Future Studies. <i>Cleft Palate-Craniofacial Journal</i> , 0, , 105566562211049.  | 0.5 | 1         |