

Saso Ivanovski

List of Publications by Year in Descending Order

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Version: 2024-04-28

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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.

198
papers

6,592
citations

42
h-index

72
g-index

210
ext. papers

8,233
ext. citations

5.9
avg, IF

6.62
L-index

#	Paper	IF	Citations
198	Advancing dental implants: Bioactive and therapeutic modifications of zirconia.. <i>Bioactive Materials</i> , 2022 , 13, 161-178	16.7	5
197	A review of protein adsorption and bioactivity characteristics of poly ϵ -caprolactone scaffolds in regenerative medicine. <i>European Polymer Journal</i> , 2022 , 162, 110892	5.2	2
196	Fabrication of micropores on titanium implants using femtosecond laser technology: Perpendicular attachment of connective tissues as a pilot study. <i>Optics and Laser Technology</i> , 2022 , 148, 107624	4.2	2
195	Stem Cell Applications in Periodontal Regeneration. <i>Dental Clinics of North America</i> , 2022 , 66, 53-74	3.3	0
194	P4 Medicine as a model for precision periodontal care.. <i>Clinical Oral Investigations</i> , 2022 , 1	4.2	1
193	Fresh or aged: Short time anodization of titanium to understand the influence of electrolyte aging on titania nanopores. <i>Journal of Materials Science and Technology</i> , 2022 , 119, 245-256	9.1	2
192	Recent Advances in Vertical Alveolar Bone Augmentation Using Additive Manufacturing Technologies.. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 798393	5.8	0
191	The Utilisation of Resolvins in Medicine and Tissue Engineering. <i>Acta Biomaterialia</i> , 2021 , 140, 116-116	10.8	0
190	Bed of nails: bioinspired nano-texturing towards antibacterial and bioactivity functions. <i>Materials Today Advances</i> , 2021 , 12, 100176	7.4	5
189	The emerging role of small extracellular vesicles in saliva and gingival crevicular fluid as diagnostics for periodontitis. <i>Journal of Periodontal Research</i> , 2021 ,	4.3	2
188	Iron accumulation is associated with periodontal destruction in a mouse model of HFE-related haemochromatosis. <i>Journal of Periodontal Research</i> , 2021 ,	4.3	2
187	Local delivery of hydrogel encapsulated vascular endothelial growth factor for the prevention of medication-related osteonecrosis of the jaw. <i>Scientific Reports</i> , 2021 , 11, 23371	4.9	3
186	Influence of Bioinspired Lithium-Doped Titanium Implants on Gingival Fibroblast Bioactivity and Biofilm Adhesion. <i>Nanomaterials</i> , 2021 , 11,	5.4	2
185	: Optimized Fabrication of Controlled Nanostructures on Implant-Relevant Curved Zirconium Surfaces. <i>Nanomaterials</i> , 2021 , 11,	5.4	10
184	Enamel matrix derivative promotes new bone formation in xenograft assisted maxillary anterior ridge preservation-A randomized controlled clinical trial. <i>Clinical Oral Implants Research</i> , 2021 , 32, 732-744	4.8	1
183	Orchestrating soft tissue integration at the transmucosal region of titanium implants. <i>Acta Biomaterialia</i> , 2021 , 124, 33-49	10.8	39
182	The Emerging Regulatory Role of Circular RNAs in Periodontal Tissues and Cells. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	7

181	Alkali-Treated Titanium Coated with a Polyurethane, Magnesium and Hydroxyapatite Composite for Bone Tissue Engineering. <i>Nanomaterials</i> , 2021 , 11,	5.4	3
180	Ten Year Clinical and Aesthetic Outcomes of an Immediately Placed and Restored Implant in the Anterior Maxilla: A Case Report. <i>Prosthesis</i> , 2021 , 3, 129-136	4.7	
179	ON or OFF: Triggered therapies from anodized nano-engineered titanium implants. <i>Journal of Controlled Release</i> , 2021 , 333, 521-535	11.7	13
178	Race to invade: Understanding soft tissue integration at the transmucosal region of titanium dental implants. <i>Dental Materials</i> , 2021 , 37, 816-831	5.7	30
177	: Conserving the Gold Standard Microroughness to Nanoengineer Zirconium Dental Implants. <i>ACS Biomaterials Science and Engineering</i> , 2021 , 7, 3069-3074	5.5	12
176	Understanding and optimizing the antibacterial functions of anodized nano-engineered titanium implants. <i>Acta Biomaterialia</i> , 2021 , 127, 80-101	10.8	29
175	Double-edged sword: Therapeutic efficacy versus toxicity evaluations of doped titanium implants. <i>Drug Discovery Today</i> , 2021 , 26, 2734-2742	8.8	10
174	A comprehensive study of acid and base treatment of 3D printed poly(L-lactide) scaffolds to tailor surface characteristics. <i>Applied Surface Science</i> , 2021 , 555, 149602	6.7	5
173	Multiscale porosity in mesoporous bioglass 3D-printed scaffolds for bone regeneration. <i>Materials Science and Engineering C</i> , 2021 , 120, 111706	8.3	11
172	Hierarchical dual-porous hydroxyapatite doped dendritic mesoporous silica nanoparticles based scaffolds promote osteogenesis in vitro and in vivo. <i>Nano Research</i> , 2021 , 14, 770-777	10	16
171	Re-establishment of macrophage homeostasis by titanium surface modification in type II diabetes promotes osseous healing. <i>Biomaterials</i> , 2021 , 267, 120464	15.6	9
170	Splatters and Aerosols Contamination in Dental Aerosol Generating Procedures. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 1914	2.6	8
169	: Electrolyte Aging Influences the Topography, Chemistry, and Bioactivity of Anodized TiO Nanopores. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 7897-7912	9.5	17
168	Resorbable additively manufactured scaffold imparts dimensional stability to extraskelentially regenerated bone. <i>Biomaterials</i> , 2021 , 269, 120671	15.6	13
167	Salivary Outer Membrane Vesicles and DNA Methylation of Small Extracellular Vesicles as Biomarkers for Periodontal Status: A Pilot Study. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	13
166	: Clinical Translation Considerations for Anodized Nano-Engineered Titanium Implants. <i>ACS Biomaterials Science and Engineering</i> , 2021 ,	5.5	5
165	Periodontal and Dental Pulp Cell-Derived Small Extracellular Vesicles: A Review of the Current Status. <i>Nanomaterials</i> , 2021 , 11,	5.4	4
164	Endogenous nitric oxide-generating surfaces via polydopamine-copper coatings for preventing biofilm dispersal and promoting microbial killing. <i>Materials Science and Engineering C</i> , 2021 , 128, 112297	8.3	2

163	Influence of sterilization on the performance of anodized nanoporous titanium implants. <i>Materials Science and Engineering C</i> , 2021 , 130, 112429	8.3	5
162	Immobilization of bioactive glass ceramics @ 2D and 3D polyamide polymer substrates for bone tissue regeneration. <i>Materials and Design</i> , 2021 , 210, 110094	8.1	2
161	Untwining the topography-chemistry interdependence to optimize the bioactivity of nano-engineered titanium implants. <i>Applied Surface Science</i> , 2021 , 570, 151083	6.7	8
160	Saliva-Friend and Foe in the COVID-19 Outbreak. <i>Diagnostics</i> , 2020 , 10,	3.8	45
159	Fabrication of biocompatible and bioabsorbable polycaprolactone/ magnesium hydroxide 3D printed scaffolds: Degradation and in vitro osteoblasts interactions. <i>Composites Part B: Engineering</i> , 2020 , 197, 108158	10	27
158	Determining the relative importance of titania nanotubes characteristics on bone implant surface performance: A quality by design study with a fuzzy approach. <i>Materials Science and Engineering C</i> , 2020 , 114, 110995	8.3	22
157	Fibre guiding scaffolds for periodontal tissue engineering. <i>Journal of Periodontal Research</i> , 2020 , 55, 331-341	4.3	14
156	Electrospun nanofibers for the delivery of active drugs through nasal, oral and vaginal mucosa: Current status and future perspectives. <i>Materials Science and Engineering C</i> , 2020 , 111, 110756	8.3	42
155	The effect of systemic antibiotics on clinical and patient-reported outcome measures of oral implant therapy with simultaneous guided bone regeneration. <i>Clinical Oral Implants Research</i> , 2020 , 31, 442-451	4.8	11
154	Workflow for highly porous resorbable custom 3D printed scaffolds using medical grade polymer for large volume alveolar bone regeneration. <i>Clinical Oral Implants Research</i> , 2020 , 31, 431-441	4.8	13
153	The effect of melt electrospun writing fiber orientation onto cellular organization and mechanical properties for application in Anterior Cruciate Ligament tissue engineering. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020 , 104, 103631	4.1	19
152	Anodized anisotropic titanium surfaces for enhanced guidance of gingival fibroblasts. <i>Materials Science and Engineering C</i> , 2020 , 112, 110860	8.3	31
151	Evaluation of surface layer stability of surface-modified polyester biomaterials. <i>Biointerphases</i> , 2020 , 15, 061010	1.8	3
150	Subepithelial connective tissue graft with or without enamel matrix derivative for the treatment of multiple Class III-IV recessions in lower anterior teeth: A 3-year randomized clinical trial. <i>Journal of Periodontology</i> , 2020 , 91, 473-483	4.6	13
149	Role of offset and gradient architectures of 3-D melt electrowritten scaffold on differentiation and mineralization of osteoblasts. <i>Biomaterials Research</i> , 2020 , 24, 2	16.8	21
148	In situ hydrothermal transformation of titanium surface into lithium-doped continuous nanowire network towards augmented bioactivity. <i>Applied Surface Science</i> , 2020 , 505, 144604	6.7	10
147	A 3-year prospective clinical and patient-centered trial on subepithelial connective tissue graft with or without enamel matrix derivative in Class I-II Miller recessions. <i>Journal of Periodontal Research</i> , 2020 , 55, 296-306	4.3	10
146	In vivo bone regeneration assessment of offset and gradient melt electrowritten (MEW) PCL scaffolds. <i>Biomaterials Research</i> , 2020 , 24, 17	16.8	18

145	Detection of Salivary Small Extracellular Vesicles Associated Inflammatory Cytokines Gene Methylation in Gingivitis. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	12
144	A comprehensive comparison of cell seeding methods using highly porous melt electrowriting scaffolds. <i>Materials Science and Engineering C</i> , 2020 , 117, 111282	8.3	5
143	Salivary Small Extracellular Vesicles Associated miRNAs in Periodontal Status-A Pilot Study. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	22
142	Dual nanofiber scaffolds composed of polyurethane- gelatin/nylon 6- gelatin for bone tissue engineering. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 597, 124817	5.1	19
141	Effect of Saliva Collection Methods on the Detection of Periodontium-Related Genetic and Epigenetic Biomarkers-A Pilot Study. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	16
140	Non-clinical factors associated with referral to periodontal specialists. <i>Journal of Periodontology</i> , 2019 , 90, 877-883	4.6	1
139	Systemic comorbidities are associated with medication-related osteonecrosis of the jaws: Case-control study. <i>Oral Diseases</i> , 2019 , 25, 1107-1115	3.5	3
138	Degradation mechanisms of polycaprolactone in the context of chemistry, geometry and environment. <i>Progress in Polymer Science</i> , 2019 , 96, 1-20	29.6	147
137	Scaffolds for engineering toothligament interfaces 2019 , 595-613		0
136	Biological and technical outcomes of restored implants after maxillary sinus augmentation-Results at 1-year loading. <i>Clinical Oral Implants Research</i> , 2019 , 30, 849-860	4.8	2
135	Effects of Gradient and Offset Architectures on the Mechanical and Biological Properties of 3-D Melt Electrowritten (MEW) Scaffolds. <i>ACS Biomaterials Science and Engineering</i> , 2019 , 5, 3448-3461	5.5	29
134	The influence of high-dose systemic zoledronate administration on osseointegration of implants with different surface topography. <i>Journal of Periodontal Research</i> , 2019 , 54, 633-643	4.3	5
133	Additively Manufactured Multiphasic Bone-Ligament-Bone Scaffold for Scapholunate Interosseous Ligament Reconstruction. <i>Advanced Healthcare Materials</i> , 2019 , 8, e1900133	10.1	15
132	Full blood counts are not predictive of the risk of medication-related osteonecrosis of the jaws: a case-control study. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2019 , 128, 373-380	2	1
131	Periodontal diagnosis, treatment, and referral patterns of general dental practitioners. <i>Journal of Investigative and Clinical Dentistry</i> , 2019 , 10, e12411	2.3	1
130	Engineering of electrically-conductive poly(Ecaprolactone)/ multi-walled carbon nanotubes composite nanofibers for tissue engineering applications. <i>Ceramics International</i> , 2019 , 45, 15736-15740	5.1	17
129	Periodontal Tissue Engineering with a Multiphasic Construct and Cell Sheets. <i>Journal of Dental Research</i> , 2019 , 98, 673-681	8.1	48
128	Hydrophilic titanium surface-induced macrophage modulation promotes pro-osteogenic signalling. <i>Clinical Oral Implants Research</i> , 2019 , 30, 1085-1096	4.8	22

127	miR-496, miR-1185, miR-654, miR-3183 and miR-495 are downregulated in colorectal cancer cells and have putative roles in the mTOR pathway. <i>Oncology Letters</i> , 2019 , 18, 1657-1668	2.6	6
126	Optimization of 3D bioprinting of periodontal ligament cells. <i>Dental Materials</i> , 2019 , 35, 1683-1694	5.7	35
125	Both non-surgical dental treatment and extractions increase the risk of medication-related osteonecrosis of the jaw: case-control study. <i>Clinical Oral Investigations</i> , 2019 , 23, 3967-3975	4.2	8
124	Systematic Comparison of the Effect of Four Clinical-Grade Platelet Rich Hemoderivatives on Osteoblast Behaviour. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	13
123	Surface Modification of 3D Printed Polycaprolactone Constructs via a Solvent Treatment: Impact on Physical and Osteogenic Properties. <i>ACS Biomaterials Science and Engineering</i> , 2019 , 5, 318-328	5.5	22
122	Mesenchymal stem cells and biologic factors leading to bone formation. <i>Journal of Clinical Periodontology</i> , 2019 , 46 Suppl 21, 12-32	7.7	21
121	Magnesium-particle/polyurethane composite layer coating on titanium surfaces for orthopedic applications. <i>European Polymer Journal</i> , 2019 , 112, 555-568	5.2	10
120	Assessment of static and perfusion methods for decellularization of PCL membrane-supported periodontal ligament cell sheet constructs. <i>Archives of Oral Biology</i> , 2018 , 88, 67-76	2.8	16
119	The effect of decellularized tissue engineered constructs on periodontal regeneration. <i>Journal of Clinical Periodontology</i> , 2018 , 45, 586-596	7.7	18
118	Pro-osteogenic properties of hydrophilic and hydrophobic titanium surfaces: Crosstalk between signalling pathways in in vivo models. <i>Journal of Periodontal Research</i> , 2018 , 53, 598-609	4.3	23
117	Clinical and aesthetic outcomes of immediately placed single-tooth implants with immediate vs. delayed restoration in the anterior maxilla: A retrospective cohort study. <i>Clinical Oral Implants Research</i> , 2018 , 29, 346-352	4.8	14
116	Osteonecrosis of the jaws: a 14-year retrospective survey of hospital admissions. <i>Australian Dental Journal</i> , 2018 , 63, 202-207	2.3	7
115	Assessing stemness and proliferation properties of the newly established colon cancer BtemPcell line, CSC480 and novel approaches to identify dormant cancer cells. <i>Oncology Reports</i> , 2018 , 39, 2881-2891	3.5	3
114	A Multifunctional Zinc Oxide/Poly(Lactic Acid) Nanocomposite Layer Coated on Magnesium Alloys for Controlled Degradation and Antibacterial Function. <i>ACS Biomaterials Science and Engineering</i> , 2018 , 4, 2169-2180	5.5	48
113	Tailoring the immuno-responsiveness of anodized nano-engineered titanium implants. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 2677-2689	7.3	35
112	Understanding and augmenting the stability of therapeutic nanotubes on anodized titanium implants. <i>Materials Science and Engineering C</i> , 2018 , 88, 182-195	8.3	50
111	Combining electrospinning and cell sheet technology for the development of a multiscale tissue engineered ligament construct (TELC). <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018 , 106, 399-409	3.5	14
110	Risk factors for medication-related osteonecrosis of the jaws: A systematic review. <i>Oral Diseases</i> , 2018 , 24, 527-536	3.5	65

109	Optimal dose and duration of amoxicillin-plus-metronidazole as an adjunct to non-surgical periodontal therapy: A systematic review and meta-analysis of randomized, placebo-controlled trials. <i>Journal of Clinical Periodontology</i> , 2018 , 45, 56-67	7.7	25
108	Dual mTOR/PI3K inhibitor NVP-BE235 arrests colorectal cancer cell growth and displays differential inhibition of 4E-BP1. <i>Oncology Reports</i> , 2018 , 40, 1083-1092	3.5	11
107	Additively manufactured biphasic construct loaded with BMP-2 for vertical bone regeneration: A pilot study in rabbit. <i>Materials Science and Engineering C</i> , 2018 , 92, 554-564	8.3	39
106	Tissue Engineered Constructs for Periodontal Regeneration: Current Status and Future Perspectives. <i>Advanced Healthcare Materials</i> , 2018 , 7, e1800457	10.1	55
105	Release of lithium from 3D printed polycaprolactone scaffolds regulates macrophage and osteoclast response. <i>Biomedical Materials (Bristol)</i> , 2018 , 13, 065003	3.5	8
104	Consume or Conserve: Microroughness of Titanium Implants toward Fabrication of Dual Micro-Nanotopography. <i>ACS Biomaterials Science and Engineering</i> , 2018 , 4, 3125-3131	5.5	20
103	Investigating the role of CRIPTO-1 (TDGF-1) in glioblastoma multiforme U87 cell line. <i>Journal of Cellular Biochemistry</i> , 2018 , 120, 7412	4.7	4
102	Fabrication of a thick three-dimensional scaffold with an open cellular-like structure using airbrushing and thermal cross-linking of molded short nanofibers. <i>Biofabrication</i> , 2018 , 11, 015006	10.5	9
101	A prospective controlled trial comparing xenograft/autogenous bone and collagen-stabilized xenograft for maxillary sinus augmentation-Complications, patient-reported outcomes and volumetric analysis. <i>Clinical Oral Implants Research</i> , 2018 , 29, 248-262	4.8	20
100	Comparison of peri-implant and periodontal marginal soft tissues in health and disease. <i>Periodontology 2000</i> , 2018 , 76, 116-130	12.9	64
99	Electrospun biphasic tubular scaffold with enhanced mechanical properties for vascular tissue engineering. <i>Materials Science and Engineering C</i> , 2018 , 82, 10-18	8.3	40
98	Immediate and early implant placement in single-tooth gaps in the anterior maxilla: A prospective study on ridge dimensional, clinical, and aesthetic changes. <i>Clinical Oral Implants Research</i> , 2018 , 29, 1143-1154 ⁹	4.8	154 ⁹
97	Novel polycaprolactone/hydroxyapatite nanocomposite fibrous scaffolds by direct melt-electrospinning writing. <i>European Polymer Journal</i> , 2018 , 105, 257-264	5.2	39
96	Regenerative surgical therapy for peri-implantitis using deproteinized bovine bone mineral with 10% collagen, enamel matrix derivative and Doxycycline-A prospective 3-year cohort study. <i>Clinical Oral Implants Research</i> , 2018 , 29, 583-591	4.8	28
95	Evaluation of the influence of implant placement timing on the esthetic outcomes of single tooth implant treatment in the anterior maxilla: A retrospective study. <i>Journal of Esthetic and Restorative Dentistry</i> , 2018 , 30, 338-345	3.5	3
94	Titania nanopores with dual micro-/nano-topography for selective cellular bioactivity. <i>Materials Science and Engineering C</i> , 2018 , 91, 624-630	8.3	47
93	Bridging the gap: Optimized fabrication of robust titania nanostructures on complex implant geometries towards clinical translation. <i>Journal of Colloid and Interface Science</i> , 2018 , 529, 452-463	9.3	38
92	Melatonin as a pro-osteogenic agent in oral implantology: a systematic review of histomorphometric outcomes in animals and quality evaluation using ARRIVE guidelines. <i>Journal of Periodontal Research</i> , 2017 , 52, 151-161	4.3	8

91	Gene expression profiles in guided bone regeneration using combinations of different biomaterials: a pilot animal study. <i>Clinical Oral Implants Research</i> , 2017 , 28, 713-720	4.8	8
90	Antimicrobial and Immunomodulatory Surface-Functionalized Electrospun Membranes for Bone Regeneration. <i>Advanced Healthcare Materials</i> , 2017 , 6, 1601345	10.1	40
89	Immediate implant placement and restoration in the anterior maxilla: Tissue dimensional changes after 2-5 year follow up. <i>Clinical Implant Dentistry and Related Research</i> , 2017 , 19, 694-702	3.9	21
88	Dental implants modified with drug releasing titania nanotubes: therapeutic potential and developmental challenges. <i>Expert Opinion on Drug Delivery</i> , 2017 , 14, 1009-1024	8	57
87	A Novel Evidence-Based Periodontal Prognosis Model. <i>Journal of Evidence-based Dental Practice</i> , 2017 , 17, 350-360	1.9	5
86	3-Dimensional functionalized polycaprolactone-hyaluronic acid hydrogel constructs for bone tissue engineering. <i>Journal of Clinical Periodontology</i> , 2017 , 44, 428-437	7.7	33
85	Fabrication and Characterization of Decellularized Periodontal Ligament Cell Sheet Constructs. <i>Methods in Molecular Biology</i> , 2017 , 1537, 403-412	1.4	8
84	Rapid fabrication of highly porous and biocompatible composite textile tubular scaffold for vascular tissue engineering. <i>European Polymer Journal</i> , 2017 , 96, 27-43	5.2	18
83	Periodontal soft tissue reconstruction 2017 , 257-278		2
82	Correlation between pre-operative buccal bone thickness and soft tissue changes around immediately placed and restored implants in the maxillary anterior region: A 2-year prospective study. <i>Clinical Oral Implants Research</i> , 2017 , 28, 1188-1194	4.8	17
81	Additive Biomanufacturing: An Advanced Approach for Periodontal Tissue Regeneration. <i>Annals of Biomedical Engineering</i> , 2017 , 45, 12-22	4.7	61
80	Non-Clinical Factors Associated With Referrals to Periodontal Specialists: A Systematic Review. <i>Journal of Periodontology</i> , 2017 , 88, 89-99	4.6	5
79	Comparison of early osseointegration of SLA and SLActive implants in maxillary sinus augmentation: a pilot study. <i>Clinical Oral Implants Research</i> , 2017 , 28, 1325-1333	4.8	15
78	The influence of titanium surface characteristics on macrophage phenotype polarization during osseous healing in type I diabetic rats: a pilot study. <i>Clinical Oral Implants Research</i> , 2017 , 28, e159-e168	4.8	27
77	Inflammatory Cytokine Response to Titanium Surface Chemistry and Topography 2017 , 151-167		4
76	Implant Surface Modifications and Osseointegration. <i>Springer Series in Biomaterials Science and Engineering</i> , 2017 , 107-131	0.6	1
75	The Ultrastructural Relationship Between Osteocytes and Dental Implants Following Osseointegration. <i>Clinical Implant Dentistry and Related Research</i> , 2016 , 18, 270-80	3.9	17
74	Periodontal tissue engineering 2016 , 124-144		

73	Current Developments in 3D Printing for Craniofacial Regeneration. <i>Current Oral Health Reports</i> , 2016 , 3, 319-327	1.2	
72	A histomorphometric assessment of collagen-stabilized anorganic bovine bone mineral in maxillary sinus augmentation - a prospective clinical trial. <i>Clinical Oral Implants Research</i> , 2016 , 27, 850-8	4.8	16
71	Evaluation of the first maxillary molar post-extraction socket as a model for dental implant osseointegration research. <i>Clinical Oral Implants Research</i> , 2016 , 27, 1469-1478	4.8	5
70	The effects of implant topography on osseointegration under estrogen deficiency induced osteoporotic conditions: Histomorphometric, transcriptional and ultrastructural analysis. <i>Acta Biomaterialia</i> , 2016 , 42, 351-363	10.8	39
69	A histomorphometric assessment of collagen-stabilized anorganic bovine bone mineral in maxillary sinus augmentation - a randomized controlled trial in sheep. <i>Clinical Oral Implants Research</i> , 2016 , 27, 734-43	4.8	16
68	The effect of bisphosphonates on the endothelial differentiation of mesenchymal stem cells. <i>Scientific Reports</i> , 2016 , 6, 20580	4.9	20
67	Implants for the aged patient: biological, clinical and sociological considerations. <i>Periodontology 2000</i> , 2016 , 72, 120-34	12.9	18
66	Tissue engineered periodontal products. <i>Journal of Periodontal Research</i> , 2016 , 51, 1-15	4.3	69
65	Estrogen Deficiency-Associated Bone Loss in the Maxilla: A Methodology to Quantify the Changes in the Maxillary Intra-radicular Alveolar Bone in an Ovariectomized Rat Osteoporosis Model. <i>Tissue Engineering - Part C: Methods</i> , 2015 , 21, 458-66	2.9	21
64	The influence of anisotropic nano- to micro-topography on in vitro and in vivo osteogenesis. <i>Nanomedicine</i> , 2015 , 10, 693-711	5.6	37
63	Temporal sequence of hard and soft tissue healing around titanium dental implants. <i>Periodontology 2000</i> , 2015 , 68, 135-52	12.9	63
62	Induced Pluripotent Stem Cells: A New Frontier for Stem Cells in Dentistry. <i>Journal of Dental Research</i> , 2015 , 94, 1508-15	8.1	30
61	Systematic Review of Soft Tissue Alterations and Esthetic Outcomes Following Immediate Implant Placement and Restoration of Single Implants in the Anterior Maxilla. <i>Journal of Periodontology</i> , 2015 , 86, 1321-30	4.6	60
60	The Effect of Platelet Proteins Released in Response to Titanium Implant Surfaces on Macrophage Pro-Inflammatory Cytokine Gene Expression. <i>Clinical Implant Dentistry and Related Research</i> , 2015 , 17, 1036-47	3.9	18
59	Mechanisms of Bone Resorption in Periodontitis. <i>Journal of Immunology Research</i> , 2015 , 2015, 615486	4.5	306
58	Activation of the Canonical Wnt Signaling Pathway Induces Cementum Regeneration. <i>Journal of Bone and Mineral Research</i> , 2015 , 30, 1160-74	6.3	65
57	Advanced tissue engineering scaffold design for regeneration of the complex hierarchical periodontal structure. <i>Journal of Clinical Periodontology</i> , 2014 , 41, 283-94	7.7	138
56	Decellularized periodontal ligament cell sheets with recellularization potential. <i>Journal of Dental Research</i> , 2014 , 93, 1313-9	8.1	40

55	Multiphasic scaffolds for periodontal tissue engineering. <i>Journal of Dental Research</i> , 2014 , 93, 1212-21	8.1	140
54	In vitro pre-vascularisation of tissue-engineered constructs A co-culture perspective. <i>Vascular Cell</i> , 2014 , 6, 13	1	72
53	The impact of cantilevers on biological and technical success outcomes of implant-supported fixed partial dentures. A retrospective cohort study. <i>Clinical Oral Implants Research</i> , 2014 , 25, 175-84	4.8	21
52	The influence of cellular source on periodontal regeneration using calcium phosphate coated polycaprolactone scaffold supported cell sheets. <i>Biomaterials</i> , 2014 , 35, 113-22	15.6	95
51	Titanium surface hydrophilicity modulates the human macrophage inflammatory cytokine response. <i>Journal of Biomedical Materials Research - Part A</i> , 2014 , 102, 60-7	5.4	84
50	Titanium surface hydrophilicity enhances platelet activation. <i>Dental Materials Journal</i> , 2014 , 33, 749-56	2.5	22
49	Current perspectives on the role of ridge (socket) preservation procedures in dental implant treatment in the aesthetic zone. <i>Australian Dental Journal</i> , 2014 , 59, 48-56	2.3	30
48	Immediate placement and restoration of dental implants in the esthetic region: clinical case series. <i>Journal of Esthetic and Restorative Dentistry</i> , 2014 , 26, 332-44	3.5	11
47	Pro-osteogenic topographical cues promote early activation of osteoprogenitor differentiation via enhanced TGF β /Wnt, and Notch signaling. <i>Clinical Oral Implants Research</i> , 2014 , 25, 475-86	4.8	37
46	Serum bone formation marker correlation with improved osseointegration in osteoporotic rats treated with simvastatin. <i>Clinical Oral Implants Research</i> , 2013 , 24, 422-7	4.8	21
45	Bisphosphonate-related osteonecrosis of jaw (BRONJ): diagnostic criteria and possible pathogenic mechanisms of an unexpected anti-angiogenic side effect. <i>Vascular Cell</i> , 2013 , 5, 1	1	62
44	Effect of culture conditions and calcium phosphate coating on ectopic bone formation. <i>Biomaterials</i> , 2013 , 34, 5538-51	15.6	119
43	Animal models for bisphosphonate-related osteonecrosis of the jaws--an appraisal. <i>Oral Diseases</i> , 2013 , 19, 747-54	3.5	29
42	Dental implant placement with bone augmentation in a patient who received intravenous bisphosphonate treatment for osteoporosis. <i>Journal of the Canadian Dental Association</i> , 2013 , 79, d2	2.1	5
41	A biphasic scaffold design combined with cell sheet technology for simultaneous regeneration of alveolar bone/periodontal ligament complex. <i>Biomaterials</i> , 2012 , 33, 5560-73	15.6	163
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