

# Saso Ivanovski

## List of Publications by Year in descending order

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209  
papers

9,978  
citations

31976

53  
h-index

49909

87  
g-index

210  
all docs

210  
docs citations

210  
times ranked

9928  
citing authors

#	ARTICLE	IF	CITATIONS
1	Scaffold geometry modulation of mechanotransduction and its influence on epigenetics. <i>Acta Biomaterialia</i> , 2023, 163, 259-274.	8.3	24
2	<i>Research to Clinics</i> : Clinical Translation Considerations for Anodized Nano-Engineered Titanium Implants. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 4077-4091.	5.2	21
3	Advancing dental implants: Bioactive and therapeutic modifications of zirconia. <i>Bioactive Materials</i> , 2022, 13, 161-178.	15.6	40
4	A review of protein adsorption and bioactivity characteristics of poly $\hat{\mu}$ -caprolactone scaffolds in regenerative medicine. <i>European Polymer Journal</i> , 2022, 162, 110892.	5.4	15
5	The emerging role of small extracellular vesicles in saliva and gingival crevicular fluid as diagnostics for periodontitis. <i>Journal of Periodontal Research</i> , 2022, 57, 219-231.	2.7	29
6	Iron accumulation is associated with periodontal destruction in a mouse model of HFE-related haemochromatosis. <i>Journal of Periodontal Research</i> , 2022, 57, 294-304.	2.7	8
7	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.	4.6	12
8	Novel Nano-Engineered Biomaterials for Bone Tissue Engineering. <i>Nanomaterials</i> , 2022, 12, 333.	4.1	5
9	The utilisation of resolvins in medicine and tissue engineering. <i>Acta Biomaterialia</i> , 2022, 140, 116-135.	8.3	7
10	P4 Medicine as a model for precision periodontal care. <i>Clinical Oral Investigations</i> , 2022, 26, 5517-5533.	3.0	16
11	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.	10.7	15
12	Surface Modification of Pure Zinc by Acid Etching: Accelerating the Corrosion Rate and Enhancing Biocompatibility and Antibacterial Characteristics. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 22554-22569.	8.0	23
13	Simulated and clinical aerosol spread in common periodontal aerosol-generating procedures. <i>Clinical Oral Investigations</i> , 2022, 26, 5751-5762.	3.0	8
14	LiCl-induced immunomodulatory periodontal regeneration via the activation of the Wnt/ $\beta$ -catenin signaling pathway. <i>Journal of Periodontal Research</i> , 2022, 57, 835-848.	2.7	11
15	Nanotechnology for the management of COVID-19 during the pandemic and in the post-pandemic era. <i>National Science Review</i> , 2022, 9, .	9.5	11
16	Fibre-guiding biphasic scaffold for perpendicular periodontal ligament attachment. <i>Acta Biomaterialia</i> , 2022, 150, 221-237.	8.3	10
17	Multiscale porosity in mesoporous bioglass 3D-printed scaffolds for bone regeneration. <i>Materials Science and Engineering C</i> , 2021, 120, 111706.	7.3	24
18	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.	10.4	29

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19	Re-establishment of macrophage homeostasis by titanium surface modification in type II diabetes promotes osseous healing. <i>Biomaterials</i> , 2021, 267, 120464.	11.4	40
20	Splatters and Aerosols Contamination in Dental Aerosol Generating Procedures. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1914.	2.5	29
21	<i>Old is Gold</i>: Electrolyte Aging Influences the Topography, Chemistry, and Bioactivity of Anodized TiO <sub>2</sub> Nanopores. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 7897-7912.	8.0	39
22	Resorbable additively manufactured scaffold imparts dimensional stability to extraskeletally regenerated bone. <i>Biomaterials</i> , 2021, 269, 120671.	11.4	42
23	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, 2423.	4.1	39
24	Towards Clinical Translation: Optimized Fabrication of Controlled Nanostructures on Implant-Relevant Curved Zirconium Surfaces. <i>Nanomaterials</i> , 2021, 11, 868.	4.1	14
25	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.	4.5	9
26	Orchestrating soft tissue integration at the transmucosal region of titanium implants. <i>Acta Biomaterialia</i> , 2021, 124, 33-49.	8.3	88
27	The Emerging Regulatory Role of Circular RNAs in Periodontal Tissues and Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4636.	4.1	32
28	Alkali-Treated Titanium Coated with a Polyurethane, Magnesium and Hydroxyapatite Composite for Bone Tissue Engineering. <i>Nanomaterials</i> , 2021, 11, 1129.	4.1	11
29	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.	2.9	3
30	ON or OFF: Triggered therapies from anodized nano-engineered titanium implants. <i>Journal of Controlled Release</i> , 2021, 333, 521-535.	9.9	35
31	Race to invade: Understanding soft tissue integration at the transmucosal region of titanium dental implants. <i>Dental Materials</i> , 2021, 37, 816-831.	3.5	87
32	<i>Micro + Nano</i>: Conserving the Gold Standard Microroughness to Nanoengineer Zirconium Dental Implants. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 3069-3074.	5.2	18
33	Understanding and optimizing the antibacterial functions of anodized nano-engineered titanium implants. <i>Acta Biomaterialia</i> , 2021, 127, 80-101.	8.3	79
34	Double-edged sword: Therapeutic efficacy versus toxicity evaluations of doped titanium implants. <i>Drug Discovery Today</i> , 2021, 26, 2734-2742.	6.4	28
35	A comprehensive study of acid and base treatment of 3D printed poly( $\mu$ -caprolactone) scaffolds to tailor surface characteristics. <i>Applied Surface Science</i> , 2021, 555, 149602.	6.1	13
36	Periodontal and Dental Pulp Cell-Derived Small Extracellular Vesicles: A Review of the Current Status. <i>Nanomaterials</i> , 2021, 11, 1858.	4.1	27

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37	Stem Cell Applications in Periodontal Regeneration. Dental Clinics of North America, 2021, 66, 53-74.	1.8	3
38	Endogenous nitric oxide-generating surfaces via polydopamine-copper coatings for preventing biofilm dispersal and promoting microbial killing. Materials Science and Engineering C, 2021, 128, 112297.	7.3	20
39	Influence of sterilization on the performance of anodized nanoporous titanium implants. Materials Science and Engineering C, 2021, 130, 112429.	7.3	20
40	Immobilization of bioactive glass ceramics @ 2D and 3D polyamide polymer substrates for bone tissue regeneration. Materials and Design, 2021, 210, 110094.	7.0	10
41	Untwining the topography-chemistry interdependence to optimize the bioactivity of nano-engineered titanium implants. Applied Surface Science, 2021, 570, 151083.	6.1	19
42	Influence of Bioinspired Lithium-Doped Titanium Implants on Gingival Fibroblast Bioactivity and Biofilm Adhesion. Nanomaterials, 2021, 11, 2799.	4.1	4
43	The Mechanosensing and Global DNA Methylation of Human Osteoblasts on MEW Fibers. Nanomaterials, 2021, 11, 2943.	4.1	9
44	Bed of nails: bioinspired nano-texturing towards antibacterial and bioactivity functions. Materials Today Advances, 2021, 12, 100176.	5.2	19
45	Local delivery of hydrogel encapsulated vascular endothelial growth factor for the prevention of medication-related osteonecrosis of the jaw. Scientific Reports, 2021, 11, 23371.	3.3	12
46	Recent Advances in Vertical Alveolar Bone Augmentation Using Additive Manufacturing Technologies. Frontiers in Bioengineering and Biotechnology, 2021, 9, 798393.	4.1	12
47	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. Journal of Periodontology, 2020, 91, 473-483.	3.4	23
48	Role of offset and gradient architectures of 3-D melt electrowritten scaffold on differentiation and mineralization of osteoblasts. Biomaterials Research, 2020, 24, 2.	6.9	43
49	In situ hydrothermal transformation of titanium surface into lithium-doped continuous nanowire network towards augmented bioactivity. Applied Surface Science, 2020, 505, 144604.	6.1	18
50	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. Journal of Periodontal Research, 2020, 55, 296-306.	2.7	13
51	In vivo bone regeneration assessment of offset and gradient melt electrowritten (MEW) PCL scaffolds. Biomaterials Research, 2020, 24, 17.	6.9	43
52	Detection of Salivary Small Extracellular Vesicles Associated Inflammatory Cytokines Gene Methylation in Gingivitis. International Journal of Molecular Sciences, 2020, 21, 5273.	4.1	30
53	A comprehensive comparison of cell seeding methods using highly porous melt electrowriting scaffolds. Materials Science and Engineering C, 2020, 117, 111282.	7.3	16
54	Saliva&quot;Friend and Foe in the COVID-19 Outbreak. Diagnostics, 2020, 10, 290.	2.6	83

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55	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.	12.0	64
56	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.	7.3	33
57	Fibre guiding scaffolds for periodontal tissue engineering. <i>Journal of Periodontal Research</i> , 2020, 55, 331-341.	2.7	29
58	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.	7.3	73
59	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.	4.5	31
60	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.	4.5	29
61	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.	3.1	35
62	Anodized anisotropic titanium surfaces for enhanced guidance of gingival fibroblasts. <i>Materials Science and Engineering C</i> , 2020, 112, 110860.	7.3	62
63	Salivary Small Extracellular Vesicles Associated miRNAs in Periodontal Status—A Pilot Study. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2809.	4.1	52
64	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.	4.7	34
65	Evaluation of surface layer stability of surface-modified polyester biomaterials. <i>Biointerphases</i> , 2020, 15, 061010.	1.6	6
66	Hydrophilic titanium surface-induced macrophage modulation promotes pro-osteogenic signalling. <i>Clinical Oral Implants Research</i> , 2019, 30, 1085-1096.	4.5	49
67	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.	1.8	8
68	Optimization of 3D bioprinting of periodontal ligament cells. <i>Dental Materials</i> , 2019, 35, 1683-1694.	3.5	71
69	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, 4729.	4.1	27
70	Non-clinical factors associated with referral to periodontal specialists. <i>Journal of Periodontology</i> , 2019, 90, 877-883.	3.4	5
71	Systemic comorbidities are associated with medication-related osteonecrosis of the jaws: Case-control study. <i>Oral Diseases</i> , 2019, 25, 1107-1115.	3.0	10
72	Degradation mechanisms of polycaprolactone in the context of chemistry, geometry and environment. <i>Progress in Polymer Science</i> , 2019, 96, 1-20.	24.7	366

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73	Scaffolds for engineering toothâ€“ligament interfaces. , 2019, , 595-613.		1
74	Biological and technical outcomes of restored implants after maxillary sinus augmentationâ€“ Results at 1â€“year loading. <i>Clinical Oral Implants Research</i> , 2019, 30, 849-860.	4.5	6
75	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.	5.2	69
76	The influence of highâ€“dose systemic zoledronate administration on osseointegration of implants with different surface topography. <i>Journal of Periodontal Research</i> , 2019, 54, 633-643.	2.7	11
77	Additively Manufactured Multiphasic Boneâ€“Ligamentâ€“Bone Scaffold for Scapholunate Interosseous Ligament Reconstruction. <i>Advanced Healthcare Materials</i> , 2019, 8, e1900133.	7.6	32
78	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.	0.4	2
79	Periodontal diagnosis, treatment, and referral patterns of general dental practitioners. <i>Journal of Investigative and Clinical Dentistry</i> , 2019, 10, e12411.	1.8	6
80	Engineering of electrically-conductive poly( $\mu$ -caprolactone)/ multi-walled carbon nanotubes composite nanofibers for tissue engineering applications. <i>Ceramics International</i> , 2019, 45, 15736-15740.	4.8	24
81	Periodontal Tissue Engineering with a Multiphasic Construct and Cell Sheets. <i>Journal of Dental Research</i> , 2019, 98, 673-681.	5.2	84
82	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.	3.0	12
83	Systematic Comparison of the Effect of Four Clinical-Grade Platelet Rich Hemoderivatives on Osteoblast Behaviour. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6243.	4.1	28
84	Investigating the role of CRIPTOâ€“1 (TGFâ€“ $\beta$ 1) in glioblastoma multiforme U87 cell line. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 7412-7427.	2.6	7
85	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.	5.2	38
86	Mesenchymal stem cells and biologic factors leading to bone formation. <i>Journal of Clinical Periodontology</i> , 2019, 46, 12-32.	4.9	38
87	Magnesium-particle/polyurethane composite layer coating on titanium surfaces for orthopedic applications. <i>European Polymer Journal</i> , 2019, 112, 555-568.	5.4	16
88	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> , 2019, 11, 015006.	7.1	11
89	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.	1.8	27
90	The effect of decellularized tissue engineered constructs on periodontal regeneration. <i>Journal of Clinical Periodontology</i> , 2018, 45, 586-596.	4.9	40

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91	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.	2.7	47
92	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.	4.5	27
93	Osteonecrosis of the jaws: a 14-year retrospective survey of hospital admissions. <i>Australian Dental Journal</i> , 2018, 63, 202-207.	1.5	10
94	Assessing stemness and proliferation properties of the newly established colon cancer stem cell line, CSC480 and novel approaches to identify dormant cancer cells. <i>Oncology Reports</i> , 2018, 39, 2881-2891.	2.6	8
95	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.	5.2	83
96	Tailoring the immuno-responsiveness of anodized nano-engineered titanium implants. <i>Journal of Materials Chemistry B</i> , 2018, 6, 2677-2689.	5.8	46
97	Understanding and augmenting the stability of therapeutic nanotubes on anodized titanium implants. <i>Materials Science and Engineering C</i> , 2018, 88, 182-195.	7.3	73
98	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.	3.4	20
99	Risk factors for medication-related osteonecrosis of the jaws: A systematic review. <i>Oral Diseases</i> , 2018, 24, 527-536.	3.0	133
100	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.	4.9	42
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.	4.5	39
102	Comparison of peri-implant and periodontal marginal soft tissues in health and disease. <i>Periodontology 2000</i> , 2018, 76, 116-130.	13.4	125
103	Electrospun biphasic tubular scaffold with enhanced mechanical properties for vascular tissue engineering. <i>Materials Science and Engineering C</i> , 2018, 82, 10-18.	7.3	58
104	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.	4.5	15
105	Novel polycaprolactone/hydroxyapatite nanocomposite fibrous scaffolds by direct melt-electrospinning writing. <i>European Polymer Journal</i> , 2018, 105, 257-264.	5.4	72
106	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.	4.5	47
107	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.	3.8	8
108	Titania nanopores with dual micro-/nano-topography for selective cellular bioactivity. <i>Materials Science and Engineering C</i> , 2018, 91, 624-630.	7.3	69



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109	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.	9.4	50
110	Dual mTOR/PI3K inhibitor NVPâ€BEZ235 arrests colorectal cancer cell growth and displays differential inhibition of 4Eâ€BP1. <i>Oncology Reports</i> , 2018, 40, 1083-1092.	2.6	15
111	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.	7.3	55
112	Tissue Engineered Constructs for Periodontal Regeneration: Current Status and Future Perspectives. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800457.	7.6	96
113	Release of lithium from 3D printed polycaprolactone scaffolds regulates macrophage and osteoclast response. <i>Biomedical Materials (Bristol)</i> , 2018, 13, 065003.	3.3	13
114	Consume or Conserve: Microroughness of Titanium Implants toward Fabrication of Dual Microâ€Nanotopography. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 3125-3131.	5.2	34
115	Melatonin as a proâ€osteogenic agent in oral implantology: a systematic review of histomorphometric outcomes in animals and quality evaluation using <sc>ARRIVE</sc> guidelines. <i>Journal of Periodontal Research</i> , 2017, 52, 151-161.	2.7	13
116	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.	4.5	10
117	Antimicrobial and Immunomodulatory Surfaceâ€Functionalized Electrospun Membranes for Bone Regeneration. <i>Advanced Healthcare Materials</i> , 2017, 6, 1601345.	7.6	66
118	Immediate implant placement and restoration in the anterior maxilla: Tissue dimensional changes after 2â€5 year follow up. <i>Clinical Implant Dentistry and Related Research</i> , 2017, 19, 694-702.	3.7	40
119	Dental implants modified with drug releasing titania nanotubes: therapeutic potential and developmental challenges. <i>Expert Opinion on Drug Delivery</i> , 2017, 14, 1009-1024.	5.0	77
120	A Novel Evidence-Based Periodontal Prognosis Model. <i>Journal of Evidence-based Dental Practice</i> , 2017, 17, 350-360.	1.5	8
121	3â€Dimensional functionalized polycaprolactoneâ€hyaluronic acid hydrogel constructs for bone tissue engineering. <i>Journal of Clinical Periodontology</i> , 2017, 44, 428-437.	4.9	47
122	Fabrication and Characterization of Decellularized Periodontal Ligament Cell Sheet Constructs. <i>Methods in Molecular Biology</i> , 2017, 1537, 403-412.	0.9	11
123	Rapid fabrication of highly porous and biocompatible composite textile tubular scaffold for vascular tissue engineering. <i>European Polymer Journal</i> , 2017, 96, 27-43.	5.4	22
124	Periodontal soft tissue reconstruction. , 2017, , 257-278.		2
125	Correlation between preâ€operative buccal bone thickness and soft tissue changes around immediately placed and restored implants in the maxillary anterior region: A 2â€year prospective study. <i>Clinical Oral Implants Research</i> , 2017, 28, 1188-1194.	4.5	23
126	Additive Biomanufacturing: An Advanced Approach for Periodontal Tissue Regeneration. <i>Annals of Biomedical Engineering</i> , 2017, 45, 12-22.	2.5	87



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127	Non-clinical Factors Associated With Referrals to Periodontal Specialists: A Systematic Review. Journal of Periodontology, 2017, 88, 89-99.	3.4	8
128	Comparison of early osseointegration of SLActive® and SLActive® implants in maxillary sinus augmentation: a pilot study. Clinical Oral Implants Research, 2017, 28, 1325-1333.	4.5	25
129	The influence of titanium surface characteristics on macrophage phenotype polarization during osseous healing in type I diabetic rats: a pilot study. Clinical Oral Implants Research, 2017, 28, e159-e168.	4.5	38
130	Inflammatory Cytokine Response to Titanium Surface Chemistry and Topography. , 2017, , 151-167.		4
131	Implant Surface Modifications and Osseointegration. Springer Series in Biomaterials Science and Engineering, 2017, , 107-131.	1.0	3
132	The Ultrastructural Relationship Between Osteocytes and Dental Implants Following Osseointegration. Clinical Implant Dentistry and Related Research, 2016, 18, 270-280.	3.7	24
133	The effects of implant topography on osseointegration under estrogen deficiency induced osteoporotic conditions: Histomorphometric, transcriptional and ultrastructural analysis. Acta Biomaterialia, 2016, 42, 351-363.	8.3	50
134	A histomorphometric assessment of collagen-stabilized anorganic bovine bone mineral in maxillary sinus augmentation – a randomized controlled trial in sheep. Clinical Oral Implants Research, 2016, 27, 734-743.	4.5	19
135	The effect of bisphosphonates on the endothelial differentiation of mesenchymal stem cells. Scientific Reports, 2016, 6, 20580.	3.3	23
136	Implants for the aged patient: biological, clinical and sociological considerations. Periodontology 2000, 2016, 72, 120-134.	13.4	25
137	Tissue engineered periodontal products. Journal of Periodontal Research, 2016, 51, 1-15.	2.7	94
138	Current Developments in 3D Printing for Craniofacial Regeneration. Current Oral Health Reports, 2016, 3, 319-327.	1.6	0
139	A histomorphometric assessment of collagen-stabilized anorganic bovine bone mineral in maxillary sinus augmentation – a prospective clinical trial. Clinical Oral Implants Research, 2016, 27, 850-858.	4.5	24
140	Evaluation of the first maxillary molar post-extraction socket as a model for dental implant osseointegration research. Clinical Oral Implants Research, 2016, 27, 1469-1478.	4.5	11
141	Mechanisms of Bone Resorption in Periodontitis. Journal of Immunology Research, 2015, 2015, 1-10.	2.2	466
142	Activation of the Canonical Wnt Signaling Pathway Induces Cementum Regeneration. Journal of Bone and Mineral Research, 2015, 30, 1160-1174.	2.8	91
143	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. Tissue Engineering - Part C: Methods, 2015, 21, 458-466.	2.1	23
144	The influence of anisotropic nano- to micro-topography on <i>in vitro</i> and <i>in vivo</i> osteogenesis. Nanomedicine, 2015, 10, 693-711.	3.3	52

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145	Temporal sequence of hard and soft tissue healing around titanium dental implants. <i>Periodontology</i> 2000, 2015, 68, 135-152.	13.4	96
146	Induced Pluripotent Stem Cells. <i>Journal of Dental Research</i> , 2015, 94, 1508-1515.	5.2	34
147	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, 1321-1330.	3.4	76
148	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, 1036-1047.	3.7	21
149	Group D. Initiator paper. Implants--peri-implant (hard and soft tissue) interactions in health and disease: the impact of explosion of implant manufacturers. <i>Journal of the International Academy of Periodontology</i> , 2015, 17, 57-68.	0.7	1
150	Titanium surface hydrophilicity enhances platelet activation. <i>Dental Materials Journal</i> , 2014, 33, 749-756.	1.8	29
151	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.	1.5	43
152	Immediate Placement and Restoration of Dental Implants in the Esthetic Region: Clinical Case Series. <i>Journal of Esthetic and Restorative Dentistry</i> , 2014, 26, 332-344.	3.8	15
153	Advanced tissue engineering scaffold design for regeneration of the complex hierarchical periodontal structure. <i>Journal of Clinical Periodontology</i> , 2014, 41, 283-294.	4.9	179
154	Decellularized Periodontal Ligament Cell Sheets with Recellularization Potential. <i>Journal of Dental Research</i> , 2014, 93, 1313-1319.	5.2	57
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