

# Ivo Lambrichts

## List of Publications by Citations

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197  
papers

5,711  
citations

42  
h-index

67  
g-index

205  
ext. papers

6,689  
ext. citations

4.8  
avg, IF

5.55  
L-index

#	Paper	IF	Citations
197	A comparative evaluation of Cone Beam Computed Tomography (CBCT) and Multi-Slice CT (MSCT) Part I. On subjective image quality. <i>European Journal of Radiology</i> , <b>2010</b> , 75, 265-9	4.7	253
196	Mesenchymal stem/stromal cells as a pharmacological and therapeutic approach to accelerate angiogenesis. <i>Pharmacology &amp; Therapeutics</i> , <b>2014</b> , 143, 181-96	13.9	211
195	Identification of a Gene Cluster for the Biosynthesis of a Long, Galactose-Rich Exopolysaccharide in <i>Lactobacillus rhamnosus</i> GG and Functional Analysis of the Priming Glycosyltransferase. <i>Applied and Environmental Microbiology</i> , <b>2009</b> , 75, 3554-63	4.8	200
194	Effect of isolation methodology on stem cell properties and multilineage differentiation potential of human dental pulp stem cells. <i>Cell and Tissue Research</i> , <b>2013</b> , 353, 65-78	4.2	149
193	A comparative evaluation of Cone Beam Computed Tomography (CBCT) and Multi-Slice CT (MSCT). Part II: On 3D model accuracy. <i>European Journal of Radiology</i> , <b>2010</b> , 75, 270-4	4.7	143
192	Low cadmium exposure triggers a biphasic oxidative stress response in mice kidneys. <i>Toxicology</i> , <b>2007</b> , 236, 29-41	4.4	138
191	Angiogenic properties of human dental pulp stem cells. <i>PLoS ONE</i> , <b>2013</b> , 8, e711104	3.7	134
190	Human dental pulp stem cells can differentiate into Schwann cells and promote and guide neurite outgrowth in an aligned tissue-engineered collagen construct in vitro. <i>FASEB Journal</i> , <b>2014</b> , 28, 1634-43	0.9	126
189	Quorum signal molecules as biosurfactants affecting swarming in <i>Rhizobium etli</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 14965-70	11.5	119
188	Chronic exposure of mice to environmentally relevant, low doses of cadmium leads to early renal damage, not predicted by blood or urine cadmium levels. <i>Toxicology</i> , <b>2007</b> , 229, 145-56	4.4	110
187	Presence and course of the incisive canal in the human mandibular interforaminal region: two-dimensional imaging versus anatomical observations. <i>Surgical and Radiologic Anatomy</i> , <b>2003</b> , 25, 416-23	1.4	104
186	Image quality vs radiation dose of four cone beam computed tomography scanners. <i>Dentomaxillofacial Radiology</i> , <b>2008</b> , 37, 309-18	3.9	100
185	Cytokine-induced cell death in human oligodendroglial cell lines: I. Synergistic effects of IFN-gamma and TNF-alpha on apoptosis. <i>Journal of Neuroscience Research</i> , <b>2004</b> , 76, 834-45	4.4	99
184	Neurovascularization of the anterior jaw bones revisited using high-resolution magnetic resonance imaging. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , <b>2007</b> , 103, 683-93		88
183	Functional analysis of D-alanylation of lipoteichoic acid in the probiotic strain <i>Lactobacillus rhamnosus</i> GG. <i>Applied and Environmental Microbiology</i> , <b>2007</b> , 73, 3595-604	4.8	86
182	Neurogenic maturation of human dental pulp stem cells following neurosphere generation induces morphological and electrophysiological characteristics of functional neurons. <i>Stem Cells and Development</i> , <b>2015</b> , 24, 296-311	4.4	82
181	Pro-angiogenic impact of dental stem cells in vitro and in vivo. <i>Stem Cell Research</i> , <b>2014</b> , 12, 778-90	1.6	81

180	Characterization of three human oligodendroglial cell lines as a model to study oligodendrocyte injury: morphology and oligodendrocyte-specific gene expression. <i>Journal of Neurocytology</i> , <b>2003</b> , 32, 25-38		80
179	Macro- and micro-anatomical, histological and computed tomography scan characterization of the nasopalatine canal. <i>Journal of Clinical Periodontology</i> , <b>2009</b> , 36, 598-603	7.7	78
178	Lingual foramina on the mandibular midline revisited: a macroanatomical study. <i>Clinical Anatomy</i> , <b>2007</b> , 20, 246-51	2.5	73
177	Dental stem cells and their promising role in neural regeneration: an update. <i>Clinical Oral Investigations</i> , <b>2013</b> , 17, 1969-83	4.2	67
176	Engineered neural tissue with Schwann cell differentiated human dental pulp stem cells: potential for peripheral nerve repair?. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , <b>2017</b> , 11, 3362-3372	4.4	66
175	Accuracy of upper jaw positioning with intermediate splint fabrication after virtual planning in bimaxillary orthognathic surgery. <i>Journal of Craniofacial Surgery</i> , <b>2013</b> , 24, 1871-6	1.2	66
174	Characterization of MabA, a modulator of <i>Lactobacillus rhamnosus</i> GG adhesion and biofilm formation. <i>FEMS Immunology and Medical Microbiology</i> , <b>2010</b> , 59, 386-98		61
173	Human Wharton's Jelly-Derived Stem Cells Display a Distinct Immunomodulatory and Proregenerative Transcriptional Signature Compared to Bone Marrow-Derived Stem Cells. <i>Stem Cells and Development</i> , <b>2018</b> , 27, 65-84	4.4	57
172	Measurement of cytosolic and mitochondrial pH in living cells during reversible metabolic inhibition. <i>Kidney International</i> , <b>2008</b> , 73, 226-32	9.9	57
171	Morphological and immunocytochemical characterization of cultured fibroblast-like cells derived from adult human synovial membrane. <i>Archives of Histology and Cytology</i> , <b>2003</b> , 66, 145-53		56
170	Expression pattern of basal markers in human dental pulp stem cells and tissue. <i>Cells Tissues Organs</i> , <b>2012</b> , 196, 490-500	2.1	55
169	<sup>18</sup> F-FDG labeling of mesenchymal stem cells and multipotent adult progenitor cells for PET imaging: effects on ultrastructure and differentiation capacity. <i>Journal of Nuclear Medicine</i> , <b>2013</b> , 54, 447-54	8.9	53
168	Ultrastructural and immunocytochemical analysis of multilineage differentiated human dental pulp- and umbilical cord-derived mesenchymal stem cells. <i>Cells Tissues Organs</i> , <b>2011</b> , 193, 366-78	2.1	53
167	Impact of luxS and suppressor mutations on the gastrointestinal transit of <i>Lactobacillus rhamnosus</i> GG. <i>Applied and Environmental Microbiology</i> , <b>2008</b> , 74, 4711-8	4.8	53
166	Artefact expression associated with several cone-beam computed tomographic machines when imaging root filled teeth. <i>International Endodontic Journal</i> , <b>2015</b> , 48, 994-1000	5.4	52
165	SOX10 Single Transcription Factor-Based Fast and Efficient Generation of Oligodendrocytes from Human Pluripotent Stem Cells. <i>Stem Cell Reports</i> , <b>2018</b> , 10, 655-672	8	50
164	Stem Cells for Cartilage Repair: Preclinical Studies and Insights in Translational Animal Models and Outcome Measures. <i>Stem Cells International</i> , <b>2018</b> , 2018, 9079538	5	50
163	Systematic review of the incidence of inferior alveolar nerve injury in bilateral sagittal split osteotomy and the assessment of neurosensory disturbances. <i>International Journal of Oral and Maxillofacial Surgery</i> , <b>2015</b> , 44, 447-51	2.9	49

162	Stem Cell-Based Therapies for Ischemic Stroke: Preclinical Results and the Potential of Imaging-Assisted Evaluation of Donor Cell Fate and Mechanisms of Brain Regeneration. <i>Medicinal Research Reviews</i> , <b>2016</b> , 36, 1080-1126	14.4	49
161	Validation of the cone beam computed tomography-based stereolithographic surgical guide aiding autotransplantation of teeth: clinical case-control study. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , <b>2013</b> , 115, 667-75	2	49
160	The Angiogenic Potential of DPSCs and SCAPs in an Model of Dental Pulp Regeneration. <i>Stem Cells International</i> , <b>2017</b> , 2017, 2582080	5	48
159	Occurrence of bad splits during sagittal split osteotomy. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , <b>2010</b> , 110, 430-5		48
158	The highly autoaggregative and adhesive phenotype of the vaginal <i>Lactobacillus plantarum</i> strain CMPG5300 is sortase dependent. <i>Applied and Environmental Microbiology</i> , <b>2013</b> , 79, 4576-85	4.8	47
157	An assessment on spiral CT scan of the superior and inferior genial spinal foramina and canals. <i>Surgical and Radiologic Anatomy</i> , <b>2006</b> , 28, 98-104	1.4	46
156	Human bone marrow stem cells co-cultured with neonatal rat cardiomyocytes display limited cardiomyogenic plasticity. <i>Cytotherapy</i> , <b>2009</b> , 11, 778-92	4.8	42
155	Accuracy of linear measurements using three imaging modalities: two lateral cephalograms and one 3D model from CBCT data. <i>European Journal of Orthodontics</i> , <b>2015</b> , 37, 202-8	3.3	41
154	Plate removal following orthognathic surgery. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , <b>2011</b> , 112, 737-43		41
153	Primary cilia of odontoblasts: possible role in molar morphogenesis. <i>Journal of Dental Research</i> , <b>2009</b> , 88, 910-5	8.1	41
152	Racemization of aspartic acid from human dentin in the estimation of chronological age. <i>Forensic Science International</i> , <b>2006</b> , 159 Suppl 1, S89-94	2.6	41
151	Dental Pulp Stem Cells: Their Potential in Reinnervation and Angiogenesis by Using Scaffolds. <i>Journal of Endodontics</i> , <b>2017</b> , 43, S12-S16	4.7	40
150	Different Ancestries of R Tailocins in Rhizospheric <i>Pseudomonas</i> Isolates. <i>Genome Biology and Evolution</i> , <b>2015</b> , 7, 2810-28	3.9	39
149	Regenerative endodontic procedure of an infected immature permanent human tooth: an immunohistological study. <i>Clinical Oral Investigations</i> , <b>2016</b> , 20, 807-14	4.2	37
148	Magnetic resonance imaging of human dental pulp stem cells in vitro and in vivo. <i>Cell Transplantation</i> , <b>2013</b> , 22, 1813-29	4	37
147	Changes in expression of fibrotic markers and histopathological alterations in kidneys of mice chronically exposed to low and high Cd doses. <i>Toxicology</i> , <b>2007</b> , 238, 200-10	4.4	37
146	Alpha-smooth muscle actin (alpha-SMA) and nestin expression in reactive astrocytes in multiple sclerosis lesions: potential regulatory role of transforming growth factor-beta 1 (TGF-beta1). <i>Neuropathology and Applied Neurobiology</i> , <b>2008</b> , 34, 532-46	5.2	36
145	Validation of anatomical landmarks-based registration for image-guided surgery: an in-vitro study. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , <b>2013</b> , 41, 522-6	3.6	34

144	Sensitive in vivo cell detection using size-optimized superparamagnetic nanoparticles. <i>Biomaterials</i> , <b>2014</b> , 35, 1627-35	15.6	33
143	Role of mitochondrial Na <sup>+</sup> concentration, measured by CoroNa red, in the protection of metabolically inhibited MDCK cells. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2005</b> , 16, 3490-7	12.7	33
142	Morphology of neural endings in the human periodontal ligament: an electron microscopic study. <i>Journal of Periodontal Research</i> , <b>1992</b> , 27, 191-6	4.3	32
141	Accuracy and reliability of different cone beam computed tomography (CBCT) devices for structural analysis of alveolar bone in comparison with multislice CT and micro-CT. <i>European Journal of Oral Implantology</i> , <b>2017</b> , 10, 95-105		32
140	Dental Stem Cells in Pulp Regeneration: Near Future or Long Road Ahead?. <i>Stem Cells and Development</i> , <b>2015</b> , 24, 1610-22	4.4	31
139	Neuropathic pain after orthognathic surgery. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , <b>2014</b> , 117, e102-7	2	31
138	The Neurovascular Properties of Dental Stem Cells and Their Importance in Dental Tissue Engineering. <i>Stem Cells International</i> , <b>2016</b> , 2016, 9762871	5	31
137	In vivo hepatocyte MR imaging using lactose functionalized magnetoliposomes. <i>Biomaterials</i> , <b>2014</b> , 35, 1015-24	15.6	30
136	Chronologic and geographic variability of neurovascular structures in the human mandible. <i>Forensic Science International</i> , <b>2009</b> , 190, 24-32	2.6	30
135	Cell Homing for Pulp Tissue Engineering with Endogenous Dentin Matrix Proteins. <i>Journal of Endodontics</i> , <b>2018</b> , 44, 956-962.e2	4.7	28
134	Angiogenic Effects of Human Dental Pulp and Bone Marrow-Derived Mesenchymal Stromal Cells and their Extracellular Vesicles. <i>Cells</i> , <b>2020</b> , 9,	7.9	28
133	Direct detection of nano-scale extracellular vesicles derived from inflammation-triggered endothelial cells using surface plasmon resonance. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2017</b> , 13, 1663-1671	6	26
132	Prevention of acute radiodermatitis by photobiomodulation: A randomized, placebo-controlled trial in breast cancer patients (TRANSDERMIS trial). <i>Lasers in Surgery and Medicine</i> , <b>2018</b> , 50, 763	3.6	26
131	Microanatomical and histological assessment of the content of superior genial spinal foramen and its bony canal. <i>Dentomaxillofacial Radiology</i> , <b>2005</b> , 34, 362-8	3.9	26
130	Biologic response of immediately versus delayed loaded implants supporting ill-fitting prostheses: an animal study. <i>Clinical Implant Dentistry and Related Research</i> , <b>2005</b> , 7, 150-8	3.9	26
129	Macroanatomic and radiologic characteristics of the superior genial spinal foramen and its bony canal. <i>International Journal of Oral and Maxillofacial Implants</i> , <b>2006</b> , 21, 581-6	2.8	26
128	Matrix metalloproteinases and inhibitors in dentistry. <i>Clinical Oral Investigations</i> , <b>2019</b> , 23, 2823-2835	4.2	25
127	Stearoyl-CoA desaturase-1 impairs the reparative properties of macrophages and microglia in the brain. <i>Journal of Experimental Medicine</i> , <b>2020</b> , 217,	16.6	25

126	Long-term success and survival rates of autogenously transplanted canines. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , <b>2010</b> , 110, 570-8		24
125	The Emerging Role of Triggering Receptor Expressed on Myeloid Cells 2 as a Target for Immunomodulation in Ischemic Stroke. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 1668	8.4	23
124	Local overexpression of interleukin-11 in the central nervous system limits demyelination and enhances remyelination. <i>Mediators of Inflammation</i> , <b>2013</b> , 2013, 685317	4.3	23
123	Angiogenic Properties of Leukocyte- and Platelet-Rich Fibrin. <i>Scientific Reports</i> , <b>2018</b> , 8, 14632	4.9	23
122	Platelet-rich plasma for regeneration of neural feedback pathways around dental implants: a concise review and outlook on future possibilities. <i>International Journal of Oral Science</i> , <b>2017</b> , 9, 1-9	27.9	22
121	Small-animal PET imaging of the type 1 and type 2 cannabinoid receptors in a photothrombotic stroke model. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2012</b> , 39, 1796-806	8.8	22
120	Canonical and non-canonical EcfG sigma factors control the general stress response in <i>Rhizobium etli</i> . <i>MicrobiologyOpen</i> , <b>2013</b> , 2, 976-87	3.4	22
119	Cross-linking versus RAGE: How do high molecular weight advanced glycation products induce cardiac dysfunction?. <i>International Journal of Cardiology</i> , <b>2016</b> , 210, 100-8	3.2	21
118	Use of CBCT Guidance for Tooth Autotransplantation in Children. <i>Journal of Dental Research</i> , <b>2019</b> , 98, 406-413	8.1	20
117	Cryopreservation and Banking of Dental Stem Cells. <i>Advances in Experimental Medicine and Biology</i> , <b>2016</b> , 951, 199-235	3.6	20
116	Paracrine Maturation and Migration of SH-SY5Y Cells by Dental Pulp Stem Cells. <i>Journal of Dental Research</i> , <b>2017</b> , 96, 654-662	8.1	19
115	The accuracy of image-guided navigation for maxillary positioning in bimaxillary surgery. <i>Journal of Craniofacial Surgery</i> , <b>2014</b> , 25, 1095-9	1.2	19
114	Self-reported hypoesthesia of the lower lip after sagittal split osteotomy. <i>International Journal of Oral and Maxillofacial Surgery</i> , <b>2013</b> , 42, 823-9	2.9	19
113	Effects of immediate and delayed loading on peri-implant trabecular structures: a cone beam CT evaluation. <i>Clinical Implant Dentistry and Related Research</i> , <b>2014</b> , 16, 873-83	3.9	19
112	Encapsulated Ruffini-like endings in human lumbar facet joints. <i>Journal of Anatomy</i> , <b>1997</b> , 191 ( Pt 4), 571-83	2.9	19
111	Sensory innervation around immediately vs. delayed loaded implants: a pilot study. <i>International Journal of Oral Science</i> , <b>2015</b> , 7, 49-55	27.9	18
110	Genomic analysis of cyclic-di-GMP-related genes in rhizobial type strains and functional analysis in <i>Rhizobium etli</i> . <i>Applied Microbiology and Biotechnology</i> , <b>2014</b> , 98, 4589-602	5.7	18
109	Risk factors for the development of lower border defects after bilateral sagittal split osteotomy. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2013</b> , 71, 588-96	1.8	18

108	Detection of salivary alpha-amylase and lysozyme exposed on the pellicle formed in situ on different materials. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2007</b> , 83, 98-103	5.4	18
107	Quantification of bone quality using different cone beam computed tomography devices: Accuracy assessment for edentulous human mandibles. <i>European Journal of Oral Implantology</i> , <b>2016</b> , 9, 411-424		18
106	CBCT-based predictability of attachment of the neurovascular bundle to the proximal segment of the mandible during sagittal split osteotomy. <i>International Journal of Oral and Maxillofacial Surgery</i> , <b>2013</b> , 42, 308-15	2.9	17
105	Validation of a novel imaging approach using multi-slice CT and cone-beam CT to follow-up on condylar remodeling after bimaxillary surgery. <i>International Journal of Oral Science</i> , <b>2017</b> , 9, 139-144	27.9	17
104	Tracking of the inferior alveolar nerve: its implication in surgical planning. <i>Clinical Oral Investigations</i> , <b>2017</b> , 21, 2213-2220	4.2	17
103	A systematic review on the innervation of peri-implant tissues with special emphasis on the influence of implant placement and loading protocols. <i>Clinical Oral Implants Research</i> , <b>2015</b> , 26, 737-46	4.8	16
102	Zoledronic Acid Induces Site-Specific Structural Changes and Decreases Vascular Area in the Alveolar Bone. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2018</b> , 76, 1893-1901	1.8	16
101	Evaluation of 3 different registration techniques in image-guided bimaxillary surgery. <i>Journal of Craniofacial Surgery</i> , <b>2013</b> , 24, 1095-9	1.2	16
100	Pleiotropic effects of a rel mutation on stress survival of <i>Rhizobium etli</i> CNPAF512. <i>BMC Microbiology</i> , <b>2008</b> , 8, 219	4.5	16
99	In vivo evidence for long-term vascular remodeling resulting from chronic cerebral hypoperfusion in mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2017</b> , 37, 726-739	7.3	15
98	High intensity training improves cardiac function in healthy rats. <i>Scientific Reports</i> , <b>2019</b> , 9, 5612	4.9	15
97	Chorioallantoic Membrane Assay as Model for Angiogenesis in Tissue Engineering: Focus on Stem Cells. <i>Tissue Engineering - Part B: Reviews</i> , <b>2020</b> , 26, 519-539	7.9	15
96	Validating cone-beam computed tomography for peri-implant bone morphometric analysis. <i>Bone Research</i> , <b>2014</b> , 2, 14010	13.3	15
95	Visibility of mandibular canal on panoramic radiograph after bilateral sagittal split osteotomy (BSSO). <i>Surgical and Radiologic Anatomy</i> , <b>2013</b> , 35, 233-40	1.4	15
94	Characterization of mature rat oligodendrocytes: a proteomic approach. <i>Journal of Neurochemistry</i> , <b>2007</b> , 102, 562-76	6	15
93	Biophysical skin measurements to evaluate the effectiveness of photobiomodulation therapy in the prevention of acute radiation dermatitis in breast cancer patients. <i>Supportive Care in Cancer</i> , <b>2019</b> , 27, 1245-1254	3.9	15
92	MicroCT assessment of bone microarchitecture in implant sites reconstructed with autogenous and xenogenous grafts: a pilot study. <i>Clinical Oral Implants Research</i> , <b>2017</b> , 28, 308-313	4.8	14
91	Is Hypoxia Related to External Cervical Resorption? A Case Report. <i>Journal of Endodontics</i> , <b>2019</b> , 45, 459-470		14

90	Cardiac atrial appendage stem cells promote angiogenesis in vitro and in vivo. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2016</b> , 97, 235-44	5.8	14
89	Variability in contrast agent uptake by different but similar stem cell types. <i>International Journal of Nanomedicine</i> , <b>2013</b> , 8, 4577-91	7.3	14
88	Regenerative Endodontic Procedures Posttrauma: Immunohistologic Analysis of a Retrospective Series of Failed Cases. <i>Journal of Endodontics</i> , <b>2019</b> , 45, 427-434	4.7	12
87	Three-dimensional Frankfort horizontal plane for 3D cephalometry: a comparative assessment of conventional versus novel landmarks and horizontal planes. <i>European Journal of Orthodontics</i> , <b>2018</b> , 40, 239-248	3.3	12
86	Neuropathy of Trigeminal Nerve Branches After Oral and Maxillofacial Treatment. <i>Journal of Maxillofacial and Oral Surgery</i> , <b>2016</b> , 15, 321-327	0.9	12
85	Controlling and monitoring stem cell safety in vivo in an experimental rodent model. <i>Stem Cells</i> , <b>2014</b> , 32, 2833-44	5.8	12
84	Obstructive airway compromise in the early postoperative period after orthognathic surgery. <i>Journal of Craniofacial Surgery</i> , <b>2012</b> , 23, 1717-22	1.2	12
83	Radial glial cells derived from the neonatal rat spinal cord: morphological and immunocytochemical characterization. <i>Archives of Histology and Cytology</i> , <b>2005</b> , 68, 361-9		12
82	Angiogenic Capacity of Periodontal Ligament Stem Cells Pretreated with Deferoxamine and/or Fibroblast Growth Factor-2. <i>PLoS ONE</i> , <b>2016</b> , 11, e0167807	3.7	12
81	Molecular Imaging of Human Embryonic Stem Cells Stably Expressing Human PET Reporter Genes After Zinc Finger Nuclease-Mediated Genome Editing. <i>Journal of Nuclear Medicine</i> , <b>2017</b> , 58, 1659-1665	8.9	11
80	Assessment of bystander killing-mediated therapy of malignant brain tumors using a multimodal imaging approach. <i>Stem Cell Research and Therapy</i> , <b>2015</b> , 6, 163	8.3	11
79	The human somatostatin receptor type 2 as an imaging and suicide reporter gene for pluripotent stem cell-derived therapy of myocardial infarction. <i>Theranostics</i> , <b>2018</b> , 8, 2799-2813	12.1	11
78	Lateral cephalometry changes after SARPE. <i>International Journal of Oral and Maxillofacial Surgery</i> , <b>2011</b> , 40, 662-71	2.9	11
77	An improved sample preparation for an LC method used in the age estimation based on aspartic acid racemization from human dentin. <i>Journal of Separation Science</i> , <b>2007</b> , 30, 118-21	3.4	11
76	Comparison of extracellular vesicle isolation and storage methods using high-sensitivity flow cytometry. <i>PLoS ONE</i> , <b>2021</b> , 16, e0245835	3.7	11
75	Oncostatin M-induced astrocytic tissue inhibitor of metalloproteinases-1 drives remyelination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 5028-5038	11.5	10
74	DIMITRA paediatric skull phantoms: development of age-specific paediatric models for dentomaxillofacial radiology research. <i>Dentomaxillofacial Radiology</i> , <b>2018</b> , 47, 20170285	3.9	10
73	Effect of platelet-rich plasma on peri-implant trabecular bone volume and architecture: A preclinical micro-CT study in beagle dogs. <i>Clinical Oral Implants Research</i> , <b>2019</b> , 30, 1190-1199	4.8	10



72	Presurgical CBCT assessment of maxillary neurovascularization in relation to maxillary sinus augmentation procedures and posterior implant placement. <i>Surgical and Radiologic Anatomy</i> , <b>2014</b> , 36, 915-24	1.4	10
71	Pyridoxamine improves survival and limits cardiac dysfunction after MI. <i>Scientific Reports</i> , <b>2017</b> , 7, 16010	4.9	10
70	Histomorphological study of myelinated nerve fibres in the periodontal ligament of human canine. <i>Acta Odontologica Scandinavica</i> , <b>2011</b> , 69, 279-86	2.2	10
69	Histological and immunohistochemical study of the lymphoid tissue in the normal stomach of the gnotobiotic pig. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , <b>2002</b> , 441, 589-98	5.1	10
68	Peri-implant bone innervation: histological findings in humans. <i>European Journal of Oral Implantology</i> , <b>2014</b> , 7, 283-92		9
67	Therapeutic Potential of Dental Pulp Stem Cells and Leukocyte- and Platelet-Rich Fibrin for Osteoarthritis. <i>Cells</i> , <b>2020</b> , 9,	7.9	8
66	Label-free mapping of microstructural organisation in self-aligning cellular collagen hydrogels using image correlation spectroscopy. <i>Acta Biomaterialia</i> , <b>2016</b> , 30, 258-264	10.8	8
65	Dermal Interstitial Alterations in Patients With Heart Failure and Reduced Ejection Fraction: A Potential Contributor to Fluid Accumulation?. <i>Circulation: Heart Failure</i> , <b>2018</b> , 11, e004763	7.6	8
64	Attachment rate of the inferior alveolar nerve to buccal plate during bilateral sagittal split osteotomy influences self-reported sensory impairment. <i>Journal of Craniofacial Surgery</i> , <b>2014</b> , 25, 2121-6	1.2	8
63	Spontaneous resolution of a central giant-cell granuloma after incisional biopsy: a case report. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2009</b> , 67, 1543-7	1.8	8
62	Immunohistochemical evidence for proteolipid protein and nestin expression in the late bell stage of developing rodent teeth. <i>Archives of Oral Biology</i> , <b>2005</b> , 50, 171-4	2.8	8
61	Monitoring the Bystander Killing Effect of Human Multipotent Stem Cells for Treatment of Malignant Brain Tumors. <i>Stem Cells International</i> , <b>2016</b> , 2016, 4095072	5	8
60	Quantification of DNA Double Strand Breaks and Oxidation Response in Children and Adults Undergoing Dental CBCT Scan. <i>Scientific Reports</i> , <b>2020</b> , 10, 2113	4.9	7
59	Report of Neuropathic Pain After Dental Implant Placement: A Case Series. <i>International Journal of Oral and Maxillofacial Implants</i> , <b>2017</b> , 32, 439-444	2.8	7
58	Problems during orthognathic surgery resulting from errors in diagnostic wax bite. <i>Journal of Craniofacial Surgery</i> , <b>2013</b> , 24, 999-1001	1.2	7
57	Proliferation of epithelial rests of Malassez following auto-transplantation of third molars: a case report. <i>Journal of Medical Case Reports</i> , <b>2010</b> , 4, 328	1.2	7
56	Periodontal neural endings intimately relate to epithelial rests of Malassez in humans. A light and electron microscope study. <i>Journal of Anatomy</i> , <b>1993</b> , 182 ( Pt 2), 153-62	2.9	7
55	Western diet given to healthy rats mimics the human phenotype of diabetic cardiomyopathy. <i>Journal of Nutritional Biochemistry</i> , <b>2018</b> , 61, 140-146	6.3	7

54	Improved Labeling of Pancreatic Islets Using Cationic Magnetoliposomes. <i>Journal of Personalized Medicine</i> , <b>2018</b> , 8,	3.6	6
53	The Rhizobium etli opt operon is required for symbiosis and stress resistance. <i>Environmental Microbiology</i> , <b>2007</b> , 9, 1665-74	5.2	6
52	Effect of platelet-rich and platelet-poor plasma on peri-implant innervation in dog mandibles. <i>International Journal of Implant Dentistry</i> , <b>2019</b> , 5, 40	2.8	6
51	Preconditioning of Human Dental Pulp Stem Cells with Leukocyte- and Platelet-Rich Fibrin-Derived Factors Does Not Enhance Their Neuroregenerative Effect. <i>Stem Cells International</i> , <b>2019</b> , 2019, 8589149	5	5
50	Predicted versus executed surgical orthognathic treatment. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , <b>2013</b> , 41, 547-51	3.6	5
49	Detailed visualization of the functional regions of the rat pituitary gland by high-resolution T2-weighted MRI. <i>Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia</i> , <b>2010</b> , 39, 194-200	1.1	5
48	Effects of the pig renal epithelial cell line LLC-PK1 and its conditioned medium on the phenotype of porcine microglia in vitro. <i>European Journal of Cell Biology</i> , <b>2007</b> , 86, 221-32	6.1	5
47	In vitro loading of human synovial membrane with 5-hydroxydopamine: evidence for dense core secretory granules in type B cells. <i>Archives of Histology and Cytology</i> , <b>2001</b> , 64, 1-16		5
46	Time-resolved characterization of the mechanisms of toxicity induced by silica and amino-modified polystyrene on alveolar-like macrophages. <i>Archives of Toxicology</i> , <b>2020</b> , 94, 173-186	5.8	5
45	Computer-based automatic classification of trabecular bone pattern can assist radiographic bone quality assessment at dental implant site. <i>British Journal of Radiology</i> , <b>2018</b> , 91, 20180437	3.4	5
44	Influence of basis images and skull position on evaluation of cortical bone thickness in cone beam computed tomography. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , <b>2017</b> , 123, 707-713		4
43	Dental Tissue and Stem Cells Revisited: New Insights From the Expression of Fibroblast Activation Protein-Alpha. <i>Frontiers in Cell and Developmental Biology</i> , <b>2019</b> , 7, 389	5.7	4
42	A new mandible-specific landmark reference system for three-dimensional cephalometry using cone-beam computed tomography. <i>European Journal of Orthodontics</i> , <b>2016</b> , 38, 563-568	3.3	4
41	Safe surgical access to the mandibular nerve at the infratemporal fossae. <i>Journal of Craniofacial Surgery</i> , <b>2014</b> , 25, 1454-7	1.2	4
40	The distribution of <sup>210</sup> Pb in human bone and its impact on methods for the retrospective estimation of <sup>222</sup> Rn exposure from in vivo measurements. <i>Journal of Environmental Radioactivity</i> , <b>2005</b> , 80, 245-57	2.4	4
39	Microhardness changes in dentine after neonatal capsaicin application. <i>International Endodontic Journal</i> , <b>2005</b> , 38, 570-4	5.4	4
38	Fine structure of vesiculated nerve profiles in the human lumbar facet joint. <i>Journal of Anatomy</i> , <b>1995</b> , 187 ( Pt 3), 681-92	2.9	4
37	Assessment of the DNA Damage Response in Dental Mesenchymal Stromal Cells Following Low Dose X-ray Exposure. <i>Frontiers in Public Health</i> , <b>2021</b> , 9, 584484	6	4

36	Radiobiological risks following dentomaxillofacial imaging: should we be concerned?. <i>Dentomaxillofacial Radiology</i> , <b>2021</b> , 50, 20210153	3.9	4
35	Method validation to assess in vivo cellular and subcellular changes in buccal mucosa cells and saliva following CBCT examinations. <i>Dentomaxillofacial Radiology</i> , <b>2019</b> , 48, 20180428	3.9	3
34	Rosiglitazone Protects Endothelial Cells From Irradiation-Induced Mitochondrial Dysfunction. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 268	5.6	3
33	Non-pulsed Sinusoidal Electromagnetic Field Rescues Animals From Severe Ischemic Stroke via NO Activation. <i>Frontiers in Neuroscience</i> , <b>2019</b> , 13, 561	5.1	3
32	Accuracy and reliability of 2D cephalometric analysis in orthodontics. <i>Revista Portuguesa De Estomatologia, Medicina Dentaria E Cirurgia Maxilofacial</i> , <b>2014</b> , 55, 135-141	0.6	3
31	Diagnostic accuracy of CBCT versus intraoral imaging for assessment of peri-implant bone defects. <i>BMC Medical Imaging</i> , <b>2021</b> , 21, 23	2.9	3
30	Role of nanoparticle size and sialic acids in the distinct time-evolution profiles of nanoparticle uptake in hematopoietic progenitor cells and monocytes. <i>Journal of Nanobiotechnology</i> , <b>2019</b> , 17, 62	9.4	2
29	Development of a clinically applicable tool for bone density assessment. <i>International Journal of Computer Assisted Radiology and Surgery</i> , <b>2009</b> , 4, 163-8	3.9	2
28	Ultra low-level gamma ray spectrometry of thorium in human bone samples. <i>Radiation Protection Dosimetry</i> , <b>2001</b> , 97, 169-72	0.9	2
27	Neuropathic pain after bilateral sagittal split osteotomy: management and prevention. <i>Plastic and Aesthetic Research</i> , <b>2015</b> , 2, 171	4.5	2
26	TRANSFUSION NEED IN ORTHOGNATHIC SURGERY - A REVIEW. <i>Stomatology Edu Journal</i> , <b>2017</b> , 4, 184-199		2
25	Glycolaldehyde-modified proteins cause adverse functional and structural aortic remodeling leading to cardiac pressure overload. <i>Scientific Reports</i> , <b>2020</b> , 10, 12220	4.9	2
24	Targeting lipophagy in macrophages improves repair in multiple sclerosis.. <i>Autophagy</i> , <b>2022</b> , 1-14	10.2	2
23	Letter to the Editor concerning the article "Application of red light phototherapy in the treatment of radioactive dermatitis in patients with head and neck cancer". <i>World Journal of Surgical Oncology</i> , <b>2019</b> , 17, 57	3.4	1
22	Peri-implant myelinated nerve fibers: Histological findings in dogs. <i>Journal of Periodontal Research</i> , <b>2020</b> , 55, 567-573	4.3	1
21	Long-term neurosensory disturbances after modified sagittal split osteotomy. <i>British Journal of Oral and Maxillofacial Surgery</i> , <b>2020</b> , 58, 986-991	1.4	1
20	Wide Intraoral Surgical Access to the Inferior Alveolar Nerve During Cryotherapy at the Infratemporal Fossa: Technical Modification. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2018</b> , 76, 2090.e1-2090.e5	1.8	1
19	Possible sympathetic modulation of periodontal ligament mechanoreceptors. An ultrastructural study. <i>Biology of the Cell</i> , <b>1995</b> , 84, 230-230	3.5	1

18	Glycolaldehyde-Derived High-Molecular-Weight Advanced Glycation End-Products Induce Cardiac Dysfunction through Structural and Functional Remodeling of Cardiomyocytes. <i>Cellular Physiology and Biochemistry</i> , <b>2020</b> , 54, 809-824	3.9	1
17	Chondroid metaplasia of paraspinal connective tissue in the degenerative spine. <i>Anatomy and Cell Biology</i> , <b>2019</b> , 52, 204-207	1.4	1
16	By the Skin of Your Teeth: A Subcutaneous Mouse Model to Study Pulp Regeneration. <i>Methods in Molecular Biology</i> , <b>2021</b> , 2206, 223-232	1.4	1
15	Endurance Exercise Intervention Is Beneficial to Kidney Function in a Rat Model of Isolated Abdominal Venous Congestion: a Pilot Study. <i>Journal of Cardiovascular Translational Research</i> , <b>2020</b> , 13, 769-782	3.3	1
14	Chlorite oxidized oxyamylose differentially influences the microstructure of fibrin and self assembling peptide hydrogels as well as dental pulp stem cell behavior. <i>Scientific Reports</i> , <b>2021</b> , 11, 5687	4.9	1
13	Current and Future Views on Pulpal Angiogenesis <b>2019</b> , 37-53		1
12	Intraoperative Computed Tomography in Bilateral Sagittal Split Osteotomy. <i>Journal of Maxillofacial and Oral Surgery</i> , <b>2016</b> , 15, 461-468	0.9	0
11	BMP-2 incorporated biomimetic CaP coating functionalized 3D printed Ti6Al4V scaffold induces ectopic bone formation in a dog model. <i>Materials and Design</i> , <b>2022</b> , 215, 110443	8.1	0
10	Safety and Homing of Human Dental Pulp Stromal Cells in Head and Neck Cancer. <i>Stem Cell Reviews and Reports</i> , <b>2021</b> , 17, 1619-1634	7.3	0
9	Unraveling the Role of the Apical Papilla During Dental Root Maturation. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 665600	5.7	0
8	Effect of platelet-rich and platelet-poor plasma on 3D bone-to-implant contact: a preclinical micro-CT study. <i>International Journal of Implant Dentistry</i> , <b>2021</b> , 7, 11	2.8	0
7	Organoids from human tooth showing epithelial stemness phenotype and differentiation potential.. <i>Cellular and Molecular Life Sciences</i> , <b>2022</b> , 79, 153	10.3	0
6	Reply to fetal side of the placenta: Anatomical mis-annotation of carbon particle transfer across the human placenta. <i>Nature Communications</i> , <b>2021</b> , 12, 7050	17.4	0
5	Dental Stem Cells: Their Potential in Neurogenesis and Angiogenesis. <i>Pancreatic Islet Biology</i> , <b>2016</b> , 217-241	2.1	
4	Intraoperative Computed Tomography Ensures Inferior Alveolar Nerve Safety During Orthognathic Surgery. <i>Journal of Craniofacial Surgery</i> , <b>2015</b> , 26, 2018-9	1.2	
3	The role of mesenchymal stem/stromal cells in angiogenesis <b>2016</b> , 347-365		
2	Condylar Fracture in a Child with Entrapment of the Inferior Alveolar Nerve. <i>Craniofacial Trauma &amp; Reconstruction</i> , <b>2016</b> , 9, 149-51	1.3	
1	Interdisciplinary Advances Towards Understanding and Enhancing the Therapeutic Potential of Stem Cell-Based Therapies for Ischaemic Stroke. <i>Springer Series in Translational Stroke Research</i> , <b>2018</b> , 21-45	0.1	

