

Benjamin Salmon

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

1,803
citations

318942

23
h-index

325983

40
g-index

64
all docs

64
docs citations

64
times ranked

2327
citing authors

#	ARTICLE	IF	CITATIONS
1	Characteristics of Large Animal Models for Current Cell-Based Oral Tissue Regeneration. <i>Tissue Engineering - Part B: Reviews</i> , 2022, 28, 489-505.	2.5	16
2	Influence of the exomass on the detection of simulated root fracture in cone-beam ct " an <i>ex-vivo</i> study. <i>Dentomaxillofacial Radiology</i> , 2021, 50, 20200450.	1.3	4
3	A novel system exploits bone debris for implant osseointegration. <i>Journal of Periodontology</i> , 2021, 92, 716-726.	1.7	12
4	Prevalence and risk indicators of first-wave COVID-19 among oral health-care workers: A French epidemiological survey. <i>PLoS ONE</i> , 2021, 16, e0246586.	1.1	31
5	In vitro Assessment of the DNA Damage Response in Dental Mesenchymal Stromal Cells Following Low Dose X-ray Exposure. <i>Frontiers in Public Health</i> , 2021, 9, 584484.	1.3	8
6	ALADAIP, beyond ALARA and towards personalized optimization for paediatric cone-beam CT. <i>International Journal of Paediatric Dentistry</i> , 2021, 31, 676-678.	1.0	32
7	Protease nexin-1 deficiency increases mouse hindlimb neovascularisation following ischemia and accelerates femoral artery perfusion. <i>Scientific Reports</i> , 2021, 11, 13412.	1.6	4
8	Cone beam CT optimisation for detection of vertical root fracture with metal in the field of view or the exomass. <i>Scientific Reports</i> , 2021, 11, 19155.	1.6	8
9	Radiobiological risks following dentomaxillofacial imaging: should we be concerned?. <i>Dentomaxillofacial Radiology</i> , 2021, 50, 20210153.	1.3	10
10	Influence of voxel size on cone beam computed tomography artifacts arising from the exomass. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2021, 132, 456-464.	0.2	6
11	Does the administration of meloxicam before head and neck radiotherapy reduce the risk of mandibular osteoradionecrosis? An animal model study. <i>Clinical Oral Investigations</i> , 2021, 25, 3739-3745.	1.4	1
12	Application of recommended preventive measures against COVID-19 could help mitigate the risk of SARS-CoV-2 infection during dental practice: Results from a follow-up survey of French dentists. <i>PLoS ONE</i> , 2021, 16, e0261439.	1.1	3
13	A modified protocol of mandibular osteoradionecrosis induction in rats with external beam radiation therapy. <i>Clinical Oral Investigations</i> , 2020, 24, 1561-1567.	1.4	3
14	Validation of a 3D CBCT-based protocol for the follow-up of mandibular condyle remodeling. <i>Dentomaxillofacial Radiology</i> , 2020, 49, 20190364.	1.3	15
15	Development of Enthesopathies and Joint Structural Damage in a Murine Model of X-Linked Hypophosphatemia. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 854.	1.8	14
16	Voxel-based superimposition of Cone Beam CT scans for orthodontic and craniofacial follow-up: Overview and clinical implementation. <i>International Orthodontics</i> , 2020, 18, 739-748.	0.6	8
17	Root resorption and ensuing cementum repair by Wnt/ β -catenin dependent mechanism. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2020, 158, 16-27.	0.8	16
18	Distribution of metal artifacts arising from the exomass in small field-of-view cone beam computed tomography scans. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2020, 130, 116-125.	0.2	17

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19	Quantification of DNA Double Strand Breaks and Oxidation Response in Children and Adults Undergoing Dental CBCT Scan. <i>Scientific Reports</i> , 2020, 10, 2113.	1.6	14
20	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> , 2019, 30, 1190-1199.	1.9	14
21	Method validation to assess in vivo cellular and subcellular changes in buccal mucosa cells and saliva following CBCT examinations. <i>Dentomaxillofacial Radiology</i> , 2019, 48, 20180428.	1.3	5
22	Halve the dose while maintaining image quality in paediatric Cone Beam CT. <i>Scientific Reports</i> , 2019, 9, 5521.	1.6	48
23	A Novel Osteotomy Preparation Technique to Preserve Implant Site Viability and Enhance Osteogenesis. <i>Journal of Clinical Medicine</i> , 2019, 8, 170.	1.0	18
24	Low-dose radiations derived from cone-beam CT induce transient DNA damage and persistent inflammatory reactions in stem cells from deciduous teeth. <i>Dentomaxillofacial Radiology</i> , 2019, 48, 20170462.	1.3	10
25	Aberrantly elevated Wnt signaling is responsible for cementum overgrowth and dental ankylosis. <i>Bone</i> , 2019, 122, 176-183.	1.4	26
26	Are metal artefact reduction algorithms effective to correct cone beam CT artefacts arising from the exomass?. <i>Dentomaxillofacial Radiology</i> , 2019, 48, 20180290.	1.3	20
27	Raman Micro-Spectroscopy of Dental Pulp Stem Cells: An Approach to Monitor the Effects of Cone Beam Computed Tomography Low-Dose Ionizing Radiation. <i>Analytical Letters</i> , 2019, 52, 1097-1111.	1.0	2
28	Metallic materials in the exomass impair cone-beam CT voxel values. <i>Dentomaxillofacial Radiology</i> , 2018, 47, 20180011.	1.3	32
29	Estimation of the radiation dose for pediatric CBCT indications: a prospective study on ProMax3D. <i>International Journal of Paediatric Dentistry</i> , 2018, 28, 300-309.	1.0	34
30	DIMITRA paediatric skull phantoms: development of age-specific paediatric models for dentomaxillofacial radiology research. <i>Dentomaxillofacial Radiology</i> , 2018, 47, 20170285.	1.3	22
31	A WNT protein therapeutic improves the bone-forming capacity of autografts from aged animals. <i>Scientific Reports</i> , 2018, 8, 119.	1.6	18
32	An osteopenic/osteoporotic phenotype delays alveolar bone repair. <i>Bone</i> , 2018, 112, 212-219.	1.4	47
33	Irradiation provided by dental radiological procedures in a pediatric population. <i>European Journal of Radiology</i> , 2018, 103, 112-117.	1.2	37
34	Cone-beam CT in paediatric dentistry: DIMITRA project position statement. <i>Pediatric Radiology</i> , 2018, 48, 308-316.	1.1	174
35	Update on a rare mandibular osteolytic lesion in childhood: the buccal bifurcation cyst. <i>BJR case Reports</i> , 2018, 4, 20170109.	0.1	3
36	Cone beam computed tomography in implant dentistry: recommendations for clinical use. <i>BMC Oral Health</i> , 2018, 18, 88.	0.8	241

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37	Peripheral osteoma of the mandibular crest: a short case study. <i>Journal of Oral Medicine and Oral Surgery</i> , 2018, 24, 29-32.	0.2	6
38	CBCT vs other imaging modalities to assess peri-implant bone and diagnose complications: a systematic review. <i>European Journal of Oral Implantology</i> , 2018, 11 Suppl 1, 77-92.	1.3	7
39	Effects of Condensation on Peri-implant Bone Density and Remodeling. <i>Journal of Dental Research</i> , 2017, 96, 413-420.	2.5	68
40	Relationships among Bone Quality, Implant Osseointegration, and Wnt Signaling. <i>Journal of Dental Research</i> , 2017, 96, 822-831.	2.5	55
41	WNT-activated bone grafts repair osteonecrotic lesions in aged animals. <i>Scientific Reports</i> , 2017, 7, 14254.	1.6	8
42	Implanted Dental Pulp Cells Fail to Induce Regeneration in Partial Pulpotomies. <i>Journal of Dental Research</i> , 2017, 96, 1406-1413.	2.5	30
43	Claudin Loss-of-Function Disrupts Tight Junctions and Impairs Amelogenesis. <i>Frontiers in Physiology</i> , 2017, 8, 326.	1.3	20
44	Differentiating early stage florid osseous dysplasia from periapical endodontic lesions: a radiological-based diagnostic algorithm. <i>BMC Oral Health</i> , 2017, 17, 161.	0.8	21
45	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> , 2017, 10, 95-105.	1.3	37
46	A Non-Destructive Method for Distinguishing Reindeer Antler (<i>Rangifer tarandus</i>) from Red Deer Antler (<i>Cervus elaphus</i>) Using X-Ray Micro-Tomography Coupled with SVM Classifiers. <i>PLoS ONE</i> , 2016, 11, e0149658.	1.1	8
47	Claudin-16 Deficiency Impairs Tight Junction Function in Ameloblasts, Leading to Abnormal Enamel Formation. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 498-513.	3.1	50
48	Priming Dental Pulp Stem Cells With Fibroblast Growth Factor-2 Increases Angiogenesis of Implanted Tissue-Engineered Constructs Through Hepatocyte Growth Factor and Vascular Endothelial Growth Factor Secretion. <i>Stem Cells Translational Medicine</i> , 2016, 5, 392-404.	1.6	88
49	From restoration to regeneration: periodontal aging and opportunities for therapeutic intervention. <i>Periodontology 2000</i> , 2016, 72, 19-29.	6.3	21
50	Reengineering autologous bone grafts with the stem cell activator WNT3A. <i>Biomaterials</i> , 2015, 47, 29-40.	5.7	43
51	Wnt Signaling and Its Contribution to Craniofacial Tissue Homeostasis. <i>Journal of Dental Research</i> , 2015, 94, 1487-1494.	2.5	45
52	Disrupting the intrinsic growth potential of a suture contributes to midfacial hypoplasia. <i>Bone</i> , 2015, 81, 186-195.	1.4	18
53	Grape seed extracts inhibit dentin matrix degradation by MMP-3. <i>Frontiers in Physiology</i> , 2014, 5, 425.	1.3	26
54	Abnormal osteopontin and matrix extracellular phosphoglycoprotein localization, and odontoblast differentiation, in X-linked hypophosphatemic teeth. <i>Connective Tissue Research</i> , 2014, 55, 79-82.	1.1	38

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55	Environmental levels of oestrogenic and antiandrogenic compounds feminize digit ratios in male rats and their unexposed male progeny. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131532.	1.2	76
56	MEPE-Derived ASARM Peptide Inhibits Odontogenic Differentiation of Dental Pulp Stem Cells and Impairs Mineralization in Tooth Models of X-Linked Hypophosphatemia. <i>PLoS ONE</i> , 2013, 8, e56749.	1.1	61
57	Intraoral ultrasonography: development of a specific high-frequency probe and clinical pilot study. <i>Clinical Oral Investigations</i> , 2012, 16, 643-649.	1.4	49
58	Strategies for treating an impacted maxillary central incisor. <i>International Orthodontics</i> , 2010, 8, 152-176.	0.6	16
59	Abnormal Presence of the Matrix Extracellular Phosphoglycoprotein-Derived Acidic Serine- and Aspartate-Rich Motif Peptide in Human Hypophosphatemic Dentin. <i>American Journal of Pathology</i> , 2010, 177, 803-812.	1.9	36