

Warwick J Duncan

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

2,122
citations

249298

26
h-index

274796

44
g-index

72
all docs

72
docs citations

72
times ranked

2658
citing authors

#	ARTICLE	IF	CITATIONS
1	Meeting the challenges and clinical requirements for dental regeneration; the New Zealand experience. <i>Bone</i> , 2022, 154, 116181.	1.4	2
2	A disaster victim identification workshop focused on forensic odontology using embalmed human remains. <i>International Journal of Legal Medicine</i> , 2022, , 1.	1.2	0
3	The Effect of Low-Temperature Thermal Processing on Bovine Hydroxyapatite Bone Substitutes, toward Bone Cell Interaction and Differentiation. <i>Materials</i> , 2022, 15, 2504.	1.3	4
4	The Effect of Low-Processing Temperature on the Physicochemical and Mechanical Properties of Bovine Hydroxyapatite Bone Substitutes. <i>Materials</i> , 2022, 15, 2798.	1.3	6
5	Is titanium-zirconium alloy a better alternative to pure titanium for oral implant? Composition, mechanical properties, and microstructure analysis. <i>Saudi Dental Journal</i> , 2021, 33, 546-553.	0.5	17
6	Ultrastructure and properties of primary carious molars treated using the Hall Technique. <i>International Journal of Paediatric Dentistry</i> , 2021, 31, 290-298.	1.0	3
7	Formulation of a Semisolid Emulsion Containing <i>Leptospermum scoparium</i> Essential Oil and Evaluation of In Vitro Antimicrobial and Antibiofilm Efficacy. <i>Planta Medica</i> , 2021, 87, 253-266.	0.7	2
8	HGF/MET in osteogenic differentiation of primary human palatal periosteum-derived mesenchymal stem cells. <i>Journal of Oral Science</i> , 2021, 63, 341-346.	0.7	0
9	Dental pulp stem cells in serum-free medium for regenerative medicine. <i>Journal of the Royal Society of New Zealand</i> , 2020, 50, 80-90.	1.0	4
10	Predicting peri-implant disease: Chi-square automatic interaction detection (CHAID) decision tree analysis of risk indicators. <i>Journal of Periodontology</i> , 2019, 90, 834-846.	1.7	28
11	Immediately restored single implants in the aesthetic zone of the maxilla using a novel design: 5-year results from a prospective single-arm clinical trial. <i>Clinical Implant Dentistry and Related Research</i> , 2019, 21, 344-351.	1.6	14
12	Localization and characterization of human palatal periosteum stem cells in serum-free, xeno-free medium for clinical use. <i>European Journal of Oral Sciences</i> , 2019, 127, 99-111.	0.7	11
13	Wool-derived keratin hydrogel enhances implant osseointegration in cancellous bone. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 2447-2454.	1.6	12
14	Piezoelectric versus conventional implant site preparation: A systematic review and meta-analysis. <i>Clinical Implant Dentistry and Related Research</i> , 2018, 20, 261-270.	1.6	29
15	Finite element models and material data for analysis of infant head impacts. <i>Heliyon</i> , 2018, 4, e01010.	1.4	12
16	Stability of tapered and parallel-walled dental implants: A systematic review and meta-analysis. <i>Clinical Implant Dentistry and Related Research</i> , 2018, 20, 634-645.	1.6	38
17	Effect of Titanium Surfaces on the Osteogenic Differentiation of Human Adipose-Derived Stem Cells. <i>International Journal of Oral and Maxillofacial Implants</i> , 2018, 33, e77-e87.	0.6	9
18	<i>In vivo</i> bone regeneration on titanium devices using serum-free grown adipose-derived stem cells, in a sheep femur model. <i>Clinical Oral Implants Research</i> , 2017, 28, 64-75.	1.9	14

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19	The One Abutmentâ€œOne Time Protocol: A Systematic Review and Metaâ€œAnalysis. <i>Journal of Periodontology</i> , 2017, 88, 1173-1185.	1.7	38
20	Periodontal Application of Manuka Honey: Antimicrobial and Demineralising Effects In Vitro. <i>International Journal of Dentistry</i> , 2017, 2017, 1-8.	0.5	16
21	Implications of Wear at the Titanium-Zirconia Implant-Abutment Interface on the Health of Peri-implant Tissues. <i>International Journal of Oral and Maxillofacial Implants</i> , 2017, 32, 599-609.	0.6	20
22	One-Piece Zirconia Ceramic versus Titanium Implants in the Jaw and Femur of a Sheep Model: A Pilot Study. <i>BioMed Research International</i> , 2016, 2016, 1-10.	0.9	12
23	A qualitative analysis on participantsâ€™ perspectives on oral implants. <i>Clinical Oral Implants Research</i> , 2016, 27, 383-391.	1.9	20
24	The effect of hydrothermal spark discharge anodization in the early integration of implants in sheep sinuses. <i>Clinical Oral Implants Research</i> , 2016, 27, 975-980.	1.9	5
25	The effect of piezoelectric ultrasonic instrumentation on titanium discs: a microscopy and trace elemental analysis <i>in vitro</i> study. <i>International Journal of Dental Hygiene</i> , 2016, 14, 191-201.	0.8	4
26	Novel bone substitute material in alveolar bone healing following tooth extraction: an experimental study in sheep. <i>Clinical Oral Implants Research</i> , 2016, 27, 762-770.	1.9	12
27	Drip bloodstain appearance on inclined apparel fabrics: Effect of prior-laundering, fibre content and fabric structure. <i>Forensic Science International</i> , 2016, 266, 488-501.	1.3	17
28	Quality Assessment of Systematic Reviews on Oral Implants Placed Immediately into Fresh Extraction Sockets. <i>International Journal of Oral and Maxillofacial Implants</i> , 2016, 31, 338-351.	0.6	5
29	Implant-based three-dimensional superimposition of the growing mandible in a rabbit model. <i>European Journal of Orthodontics</i> , 2016, 38, 546-552.	1.1	3
30	Histomorphometric and histologic evaluation of titaniumâ€œzirconium (aTiZr) implants with anodized surfaces. <i>Journal of Materials Science: Materials in Medicine</i> , 2016, 27, 86.	1.7	11
31	Piezoelectric Surgery vs Rotary Instruments for Lateral Maxillary Sinus Floor Elevation: A Systematic Review and Meta-Analysis of Intra- and Postoperative Complications. <i>International Journal of Oral and Maxillofacial Implants</i> , 2015, 30, 1262-1271.	0.6	21
32	Localization of RANK, RANKL and osteoprotegerin during healing of surgically created periodontal defects in sheep. <i>Journal of Periodontal Research</i> , 2015, 50, 211-219.	1.4	21
33	Anodisation Increases Integration of Unloaded Titanium Implants in Sheep Mandible. <i>BioMed Research International</i> , 2015, 2015, 1-8.	0.9	18
34	Gunshot residue preservation in seawater. <i>Forensic Science International</i> , 2015, 253, 103-111.	1.3	11
35	Interventions for replacing missing teeth: alveolar ridge preservation techniques for dental implant site development. <i>The Cochrane Library</i> , 2015, , CD010176.	1.5	65
36	Systematic investigation of drip stains on apparel fabrics: The effects of prior-laundering, fibre content and fabric structure on final stain appearance. <i>Forensic Science International</i> , 2015, 250, 98-109.	1.3	33

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37	Reporting numeric values of complete crowns. Part 1: Clinical preparation parameters. Journal of Prosthetic Dentistry, 2015, 114, 67-74.	1.1	20
38	Reporting numeric values of complete crowns. Part 2: Retention and resistance theories. Journal of Prosthetic Dentistry, 2015, 114, 75-80.	1.1	11
39	Spark anodization of titanium-zirconium alloy: surface characterization and bioactivity assessment. Journal of Materials Science: Materials in Medicine, 2015, 26, 221.	1.7	29
40	Clinical tooth preparations and associated measuring methods: A systematic review. Journal of Prosthetic Dentistry, 2015, 113, 175-184.	1.1	42
41	Soft and Hard Tissue Response to Zirconia versus Titanium One-Piece Implants Placed in Alveolar and Palatal Sites: A Randomized Control Trial. Clinical Implant Dentistry and Related Research, 2015, 17, 483-496.	1.6	29
42	3D Assessment of Mandibular Growth Based on Image Registration: A Feasibility Study in a Rabbit Model. BioMed Research International, 2014, 2014, 1-6.	0.9	8
43	Ceramic implants (Y-TZP): are they a viable alternative to titanium implants for the support of overdentures? A randomized clinical trial. Clinical Oral Implants Research, 2014, 25, 1366-1377.	1.9	71
44	The Effect of a Keratin Hydrogel Coating on Osseointegration: An Histological Comparison of Coated and Non-coated Dental Titanium Implants in an Ovine Model. Journal of Maxillofacial and Oral Surgery, 2014, 13, 159-164.	0.6	18
45	The prognostic accuracy of resonance frequency analysis in predicting failure risk of immediately restored implants. Clinical Oral Implants Research, 2014, 25, 29-35.	1.9	29
46	Comparison of SLA or SLA [®] implants placed in the maxillary sinus with or without synthetic bone graft materials – an animal study in sheep. Clinical Oral Implants Research, 2014, 25, 1142-1148.	1.9	27
47	Patients' perspectives on zirconia and titanium implants with a novel distribution supporting maxillary and mandibular overdentures: a qualitative study. Clinical Oral Implants Research, 2014, 25, 587-597.	1.9	14
48	Could the median palate accommodate wide-bodied implants in order to support maxillary overdentures? A radiomorphometric study of human cadavers. Clinical Oral Implants Research, 2014, 25, 101-109.	1.9	6
49	Detection of gunshot residues (GSR) on a self-inflicted gunshot wound. Pathology, 2014, 46, 260-263.	0.3	0
50	Antibacterial potential of Manuka honey against three oral bacteria in vitro. Swiss Dental Journal, 2014, 124, 922-4.	0.4	11
51	The Frequency of Peri-Implant Diseases: A Systematic Review and Meta-Analysis. Journal of Periodontology, 2013, 84, 1586-1598.	1.7	322
52	Fractured zirconia implants and related implant designs: scanning electron microscopy analysis. Clinical Oral Implants Research, 2013, 24, 592-597.	1.9	34
53	Immediate single implant restorations in mandibular molar extraction sockets: a controlled clinical trial. Clinical Oral Implants Research, 2013, 24, 484-496.	1.9	37
54	Trabecular Bone Microarchitecture in the Median Palate and Maxillary Premolar Alveolar Sites of Edentulous Elderly Cadavers. Journal of Oral and Maxillofacial Surgery, 2013, 71, 1852.e1-1852.e11.	0.5	3

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55	Ultrastructure of enamel and dentine in extant dolphins (Cetacea: Delphinoidea and Inioidea). <i>Zoomorphology</i> , 2013, 132, 215-225.	0.4	33
56	Zirconia Implants Supporting Overdentures: A Pilot Study with Novel Prosthodontic Designs. <i>International Journal of Prosthodontics</i> , 2013, 26, 277-281.	0.7	10
57	Titanium Particles in Peri-Implant Tissues: Surface Analysis and Histologic Response. <i>Clinical Advances in Periodontics</i> , 2012, 2, 232-238.	0.4	13
58	Evaluation of mandibular growth using cone-beam computed tomography in a rabbit model: a pilot study. <i>New Zealand Dental Journal</i> , 2012, 108, 9-12.	0.1	6
59	Titanium allergy: could it affect dental implant integration?. <i>Clinical Oral Implants Research</i> , 2011, 22, 673-680.	1.9	168
60	Morphoscopic analysis of experimentally produced bony wounds from low-velocity ballistic impact. <i>Forensic Science, Medicine, and Pathology</i> , 2011, 7, 322-332.	0.6	22
61	The effect of annealing temperatures on surface properties, hydroxyapatite growth and cell behaviors of TiO ₂ nanotubes. <i>Surface and Interface Analysis</i> , 2011, 43, 998-1005.	0.8	85
62	One-step approach for hydroxyapatite-incorporated TiO ₂ coating on titanium via a combined technique of micro-arc oxidation and electrophoretic deposition. <i>Applied Surface Science</i> , 2011, 257, 7010-7018.	3.1	47
63	Micro-computerised Tomography Optimisation for the Measurement of Bone Mineral Density around Titanium Dental Implants. <i>Journal of Biomechanical Science and Engineering</i> , 2010, 5, 2-10.	0.1	2
64	Immediate placement or immediate restoration/loading of single implants for molar tooth replacement: a systematic review and meta-analysis. <i>International Journal of Oral and Maxillofacial Implants</i> , 2010, 25, 401-15.	0.6	69
65	Immediate restoration/loading of immediately placed single implants: is it an effective bimodal approach?. <i>Clinical Oral Implants Research</i> , 2009, 20, 645-659.	1.9	74
66	Immediate loading with single implant crowns: a systematic review and meta-analysis. <i>International Journal of Prosthodontics</i> , 2009, 22, 378-87.	0.7	41
67	Anodization increases early integration of Osstem implants in sheep femurs. <i>Annals of the Royal Australasian College of Dental Surgeons</i> , 2008, 19, 152-6.	0.0	9
68	Immediately Restored, Single-Tapered Implants in the Anterior Maxilla: Prosthodontic and Aesthetic Outcomes After 1 Year. <i>Clinical Implant Dentistry and Related Research</i> , 2007, 9, 34-45.	1.6	101
69	One-Stage Surgery and Early Loading of Three Implants for Maxillary Overdentures: A 1-Year Report. <i>Clinical Implant Dentistry and Related Research</i> , 2004, 6, 61-74.	1.6	39
70	Ovine periodontitis as a potential model for periodontal studies. <i>Journal of Clinical Periodontology</i> , 2003, 30, 63-72.	2.3	39
71	Conventional and early loading of unsplinted ITI implants supporting mandibular overdentures. <i>Clinical Oral Implants Research</i> , 2002, 13, 603-609.	1.9	77
72	Relative effectiveness of powered and manual toothbrushes in elderly patients with implant-supported mandibular overdentures. <i>Journal of Clinical Periodontology</i> , 2002, 29, 275-280.	2.3	39