

Wael Att

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

4,069
citations

117453

34
h-index

114278

63
g-index

73
all docs

73
docs citations

73
times ranked

3289
citing authors

#	ARTICLE	IF	CITATIONS
1	Accuracy of full-arch scans using intraoral scanners. <i>Clinical Oral Investigations</i> , 2014, 18, 1687-1694.	1.4	317
2	Time-dependent degradation of titanium osteoconductivity: An implication of biological aging of implant materials. <i>Biomaterials</i> , 2009, 30, 5352-5363.	5.7	246
3	Sinus Floor Elevation Using Osteotomes: A Systematic Review and Meta-Analysis. <i>Journal of Periodontology</i> , 2005, 76, 1237-1251.	1.7	189
4	The effect of UV-photofunctionalization on the time-related bioactivity of titanium and chromium-cobalt alloys. <i>Biomaterials</i> , 2009, 30, 4268-4276.	5.7	187
5	Ultraviolet light-mediated photofunctionalization of titanium to promote human mesenchymal stem cell migration, attachment, proliferation and differentiation. <i>Acta Biomaterialia</i> , 2009, 5, 3247-3257.	4.1	160
6	Precision of Dental Implant Digitization Using Intraoral Scanners. <i>International Journal of Prosthodontics</i> , 2016, 29, 277-283.	0.7	145
7	Fracture resistance of single-tooth implant-supported all-ceramic restorations: An in vitro study. <i>Journal of Prosthetic Dentistry</i> , 2006, 95, 111-116.	1.1	144
8	3D printing parameters, supporting structures, slicing, and post-processing procedures of vat-polymerization additive manufacturing technologies: A narrative review. <i>Journal of Dentistry</i> , 2021, 109, 103630.	1.7	141
9	Zirconia in Fixed Implant Prosthodontics. <i>Clinical Implant Dentistry and Related Research</i> , 2012, 14, 633-645.	1.6	133
10	Ceramic abutments and ceramic oral implants. An update. <i>Periodontology 2000</i> , 2008, 47, 224-243.	6.3	129
11	Prosthodontic complications with implant overdentures: a systematic literature review. <i>International Journal of Prosthodontics</i> , 2010, 23, 195-203.	0.7	126
12	Marginal adaptation of three different zirconium dioxide three-unit fixed dental prostheses. <i>Journal of Prosthetic Dentistry</i> , 2009, 101, 239-247.	1.1	119
13	Enhanced osteoblast function on ultraviolet light-treated zirconia. <i>Biomaterials</i> , 2009, 30, 1273-1280.	5.7	94
14	Ultraviolet Treatment Overcomes Time-Related Degrading Bioactivity of Titanium. <i>Tissue Engineering - Part A</i> , 2009, 15, 3679-3688.	1.6	91
15	Synergistic effects of UV photofunctionalization and micro-nano hybrid topography on the biological properties of titanium. <i>Biomaterials</i> , 2011, 32, 4358-4368.	5.7	83
16	Osteoblast and bone tissue response to surface modified zirconia and titanium implant materials. <i>Dental Materials</i> , 2013, 29, 763-776.	1.6	79
17	Analysis of Different Illuminance of the Room Lighting Condition on the Accuracy (Trueness and) Tj ETQq1 1 0.784314 rgBT /Overlock 1.7 72	1.7	72
18	Biological aging of implant surfaces and their restoration with ultraviolet light treatment: a novel understanding of osseointegration. <i>International Journal of Oral and Maxillofacial Implants</i> , 2012, 27, 753-61.	0.6	71

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19	N-acetyl cysteine as an osteogenesis-enhancing molecule for bone regeneration. <i>Biomaterials</i> , 2013, 34, 6147-6156.	5.7	66
20	Comparison of conventional, photogrammetry, and intraoral scanning accuracy of complete-arch implant impression procedures evaluated with a coordinate measuring machine. <i>Journal of Prosthetic Dentistry</i> , 2021, 125, 470-478.	1.1	66
21	A Novel Method to Evaluate Precision of Optical Implant Impressions with Commercial Scan Bodies—An Experimental Approach. <i>Journal of Prosthodontics</i> , 2017, 26, 34-41.	1.7	65
22	Fixed Rehabilitation of the Edentulous Maxilla: Possibilities and Clinical Outcome. <i>Journal of Oral and Maxillofacial Surgery</i> , 2009, 67, 60-73.	0.5	60
23	Influence of ultraviolet photofunctionalization on the surface characteristics of zirconia-based dental implant materials. <i>Dental Materials</i> , 2015, 31, e14-e24.	1.6	60
24	Current status of zirconia implants in dentistry: preclinical tests. <i>Journal of Prosthodontic Research</i> , 2019, 63, 1-14.	1.1	60
25	Influence of ambient temperature changes on intraoral scanning accuracy. <i>Journal of Prosthetic Dentistry</i> , 2023, 130, 755-760.	1.1	60
26	Photofunctionalization increases the bioactivity and osteoconductivity of the titanium alloy Ti6Al4V. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 3618-3630.	2.1	58
27	Artificial intelligence applications in implant dentistry: A systematic review. <i>Journal of Prosthetic Dentistry</i> , 2023, 129, 293-300.	1.1	56
28	Distinct Cell Functions of Osteoblasts on UV-Functionalized Titanium- and Zirconia-Based Implant Materials Are Modulated by Surface Topography. <i>Tissue Engineering - Part C: Methods</i> , 2013, 19, 850-863.	1.1	48
29	N-Acetyl cysteine prevents suppression of oral fibroblast function on poly(methylmethacrylate) resin. <i>Acta Biomaterialia</i> , 2009, 5, 391-398.	4.1	45
30	TiO ₂ micro-nano-hybrid surface to alleviate biological aging of UV-photofunctionalized titanium. <i>International Journal of Nanomedicine</i> , 2011, 6, 1327.	3.3	44
31	Additive Manufacturing Technologies: Current Status and Future Perspectives. <i>Journal of Prosthodontics</i> , 2022, 31, 4-12.	1.7	42
32	Complete digital workflow in prosthesis prototype fabrication for complete-arch implant rehabilitation: A technique. <i>Journal of Prosthetic Dentistry</i> , 2019, 122, 189-192.	1.1	41
33	A systematic review and meta-analysis on the clinical outcome of zirconia implant restoration complex. <i>Journal of Prosthodontic Research</i> , 2018, 62, 397-406.	1.1	40
34	Effect of mouth-motion fatigue and thermal cycling on the marginal accuracy of partial coverage restorations made of various dental materials. <i>Dental Materials</i> , 2008, 24, 1248-1257.	1.6	39
35	Comparison of 16.9-year survival of pressed acid etched e.max lithium disilicate glass-ceramic complete and partial coverage restorations in posterior teeth: Performance and outcomes as a function of tooth position, age, sex, and thickness of ceramic material. <i>Journal of Prosthetic Dentistry</i> , 2021, 126, 533-545.	1.1	35
36	Effect of the implant abutment interface on peri-implant tissues: A systematic review. <i>Acta Odontologica Scandinavica</i> , 2014, 72, 13-25.	0.9	34

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37	The Effect of UV Treatment on the Osteoconductive Capacity of Zirconia-Based Materials. <i>Materials</i> , 2016, 9, 958.	1.3	33
38	Success and Survival of Various Types of All-Ceramic Single Crowns: A Critical Review and Analysis of Studies with a Mean Follow-Up of 5 Years or Longer. <i>International Journal of Prosthodontics</i> , 2017, 30, 168-181.	0.7	32
39	The influence of prosthetic material on implant and prosthetic survival of implant-supported fixed complete dentures: a systematic review and meta-analysis. <i>Journal of Prosthodontic Research</i> , 2019, 63, 251-265.	1.1	32
40	Artificial intelligence models for tooth-supported fixed and removable prosthodontics: A systematic review. <i>Journal of Prosthetic Dentistry</i> , 2023, 129, 276-292.	1.1	32
41	A retrospective evaluation of teeth restored with zirconia ceramic posts: 10-year results. <i>Clinical Oral Investigations</i> , 2014, 18, 1181-1187.	1.4	31
42	Long-Term Progressive Degradation of the Biological Capability of Titanium. <i>Materials</i> , 2016, 9, 102.	1.3	30
43	Artificial intelligence applications in restorative dentistry: A systematic review. <i>Journal of Prosthetic Dentistry</i> , 2022, 128, 867-875.	1.1	28
44	N-Acetyl cysteine restores viability and function of rat odontoblast-like cells impaired by polymethylmethacrylate dental resin extract. <i>Redox Report</i> , 2009, 14, 13-22.	1.4	27
45	Orthodontic extrusion for pre-implant site enhancement: Principles and clinical guidelines. <i>Journal of Prosthodontic Research</i> , 2016, 60, 145-155.	1.1	27
46	10.9-year survival of pressed acid etched monolithic e.max lithium disilicate glass-ceramic partial coverage restorations: Performance and outcomes as a function of tooth position, age, sex, and the type of partial coverage restoration (inlay or onlay). <i>Journal of Prosthetic Dentistry</i> , 2021, 126, 523-532.	1.1	27
47	Chemical Composition, Knoop Hardness, Surface Roughness, and Adhesion Aspects of Additively Manufactured Dental Interim Materials. <i>Journal of Prosthodontics</i> , 2021, 30, 698-705.	1.7	24
48	Fracture resistance of different zirconium dioxide three-unit all-ceramic fixed partial dentures. <i>Acta Odontologica Scandinavica</i> , 2007, 65, 14-21.	0.9	23
49	Trueness and precision of complete-arch photogrammetry implant scanning assessed with a coordinate-measuring machine. <i>Journal of Prosthetic Dentistry</i> , 2023, 129, 160-165.	1.1	23
50	Influence of the Number of Teeth and Location of the Virtual Occlusal Record on the Accuracy of the Maxillo-Mandibular Relationship Obtained by Using An Intraoral Scanner. <i>Journal of Prosthodontics</i> , 2023, 32, 253-258.	1.7	23
51	Marginal Adaptation of All-Ceramic Crowns on Implant Abutments. <i>Clinical Implant Dentistry and Related Research</i> , 2008, 10, 218-225.	1.6	22
52	Effects of thermal and mechanical cycling on the mechanical strength and surface properties of dental CAD-CAM restorative materials. <i>Journal of Prosthetic Dentistry</i> , 2022, 128, 79-88.	1.1	22
53	The single mandibular implant study " Short-term effects of the loading protocol on Oral Health-related Quality of Life. <i>Journal of Prosthodontic Research</i> , 2018, 62, 313-316.	1.1	21
54	2D and 3D patient's representation of simulated restorative esthetic outcomes using different computer-aided design software programs. <i>Journal of Esthetic and Restorative Dentistry</i> , 2021, 33, 143-151.	1.8	19

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55	Improvement in the osteoblastic cellular response to a commercial collagen membrane and demineralized freeze-dried bone by an amino acid derivative: an in vitro study. <i>Clinical Oral Implants Research</i> , 2011, 22, 165-172.	1.9	18
56	Effect of supramicron roughness characteristics produced by 1- and 2-step acid etching on the osseointegration capability of titanium. <i>International Journal of Oral and Maxillofacial Implants</i> , 2007, 22, 719-28.	0.6	18
57	Effect of titanium surface characteristics on the behavior and function of oral fibroblasts. <i>International Journal of Oral and Maxillofacial Implants</i> , 2009, 24, 419-31.	0.6	17
58	A vat-polymerized 3-dimensionally printed dual-material occlusal device: A dental technique. <i>Journal of Prosthetic Dentistry</i> , 2021, 126, 271-275.	1.1	14
59	Effect of aging process on some properties of conventional and multilayered translucent zirconia for monolithic restorations. <i>Ceramics International</i> , 2020, 46, 1854-1868.	2.3	12
60	Influence of implant angulation and clinical implant scan body height on the accuracy of complete arch intraoral digital scans. <i>Journal of Prosthetic Dentistry</i> , 2024, 131, 119-127.	1.1	12
61	Nomogram to predict the prognosis of parotid gland mucoepidermoid carcinoma: a population-based study of 1306 cases. <i>PeerJ</i> , 2019, 7, e7237.	0.9	9
62	Evaluation of the response of esthetic restorative materials to ultraviolet aging. <i>Journal of Prosthetic Dentistry</i> , 2021, 126, 679-685.	1.1	9
63	Marginal accuracy of press-ceramic veneers influenced by preparation design and fatigue. <i>American Journal of Dentistry</i> , 2007, 20, 380-4.	0.1	9
64	Biomechanical properties of jaw periosteum-derived mineralized culture on different titanium topography. <i>International Journal of Oral and Maxillofacial Implants</i> , 2009, 24, 831-41.	0.6	8
65	Influence of the base design on the accuracy of additive manufactured casts measured using a coordinate measuring machine. <i>Journal of Prosthodontic Research</i> , 2022, 66, 68-74.	1.1	7
66	Clinical and Radiographic Evaluation of Short Implants Placed in the Posterior Mandible: A 1-Year Pilot Split-Mouth Study. <i>Journal of Oral Implantology</i> , 2018, 44, 250-259.	0.4	5
67	Prosthetic articulator-based implant rehabilitation virtual patient: A technique bridging implant surgery and reconstructive dentistry. <i>Journal of Prosthetic Dentistry</i> , 2023, 130, 8-13.	1.1	5
68	Current Workflows for Computer-Aided Implant Surgery: a Review Article. <i>Current Oral Health Reports</i> , 2019, 6, 295-305.	0.5	2
69	Response to the letter to the editor "Comments on "Artificial intelligence applications in restorative dentistry: A systematic review" Journal of Prosthetic Dentistry, 2022, 127, 197-198.	1.1	1
70	Treatment planning and dental rehabilitation of a periodontally compromised partially edentulous patient: a case report - Part I. <i>The International Journal of Esthetic Dentistry</i> , 2014, 9, 402-11.	0.3	1
71	Treatment planning and dental rehabilitation of periodontally compromised partially edentulous patient: a case report - part II. <i>The International Journal of Esthetic Dentistry</i> , 2014, 9, 506-15.	0.3	1
72	Optimizing the esthetic outcome by using screw-retained implant abutment crowns: A 3-year clinical follow-up. <i>Journal of Prosthetic Dentistry</i> , 2020, 126, 608-615.	1.1	0

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73	Registration of patient-relevant references in edentulous jaws using intraoral scanners: simplification of the clinical procedure. The International Journal of Esthetic Dentistry, 2019, 14, 394-404.	0.3	0