

Bassam A Hassan

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

2,917
citations

201658

27
h-index

233409

45
g-index

46
all docs

46
docs citations

46
times ranked

2747
citing authors

#	ARTICLE	IF	CITATIONS
1	Digitalization in Restorative Dentistry. , 2019, , 7-39.		4
2	Synthesis and antimicrobial evaluation of fused heterocyclic compound [1,2,4] triazolo [4,3-b][1,2,4,5] tetra zine. International Journal of Research in Pharmaceutical Sciences, 2019, 10, 1254-1258.	0.1	2
3	Reconstructive aspects: Summary and consensus statements of group 3. The 5 th EAO Consensus Conference 2018. Clinical Oral Implants Research, 2018, 29, 237-242.	4.5	13
4	Immediate Nonsubmerged Custom Root Analog Implants: A Prospective Pilot Clinical Study. International Journal of Oral and Maxillofacial Implants, 2018, 33, e37-e44.	1.4	9
5	Cone beam computed tomography in implant dentistry: recommendations for clinical use. BMC Oral Health, 2018, 18, 88.	2.3	241
6	An In Vitro Study of Factors Influencing the Performance of Digital Intraoral Impressions Operating on Active Wavefront Sampling Technology with Multiple Implants in the Edentulous Maxilla. Journal of Prosthodontics, 2017, 26, 650-655.	3.7	101
7	A novel approach for custom three-dimensional printing of a zirconia root analogue implant by digital light processing. Clinical Oral Implants Research, 2017, 28, 668-670.	4.5	43
8	Computer-assisted template-guided custom-designed 3D-printed implant placement with custom-designed 3D-printed surgical tooling: an <i>in vitro</i> proof of a novel concept. Clinical Oral Implants Research, 2017, 28, 582-585.	4.5	6
9	Feasibility of Cone-beam Computed Tomography in Detecting Lateral Canals before and after Root Canal Treatment: An <i>Ex Vivo</i> Study. Journal of Endodontics, 2017, 43, 1014-1017.	3.1	16
10	Diagnostic Accuracy of Periapical Radiography and Cone-beam Computed Tomography in Identifying Root Canal Configuration of Human Premolars. Journal of Endodontics, 2017, 43, 1176-1179.	3.1	47
11	A digital approach integrating facial scanning in a CAD-CAM workflow for complete-mouth implant-supported rehabilitation of patients with edentulism: A pilot clinical study. Journal of Prosthetic Dentistry, 2017, 117, 486-492.	2.8	77
12	Registration of cone beam computed tomography data and intraoral surface scans – A prerequisite for guided implant surgery with <i>CAD/CAM</i> drilling guides. Clinical Oral Implants Research, 2017, 28, 1113-1118.	4.5	134
13	Integrating 3D facial scanning in a digital workflow to CAD/CAM design and fabricate complete dentures for immediate total mouth rehabilitation. Journal of Advanced Prosthodontics, 2017, 9, 381.	2.6	44
14	A Patient Specific Biomechanical Analysis of Custom Root Analogue Implant Designs on Alveolar Bone Stress: A Finite Element Study. International Journal of Dentistry, 2016, 2016, 1-8.	1.5	16
15	Immediate and Early Loading of Two-Implant-Supported Mandibular Overdentures: Three-Year Report of Loading Results of a Single-Center Prospective Randomized Controlled Clinical Trial. International Journal of Oral and Maxillofacial Implants, 2016, 31, 1110-1116.	1.4	8
16	Comparing 2 Cone Beam Computed Tomography Devices for the Transfer Accuracy of a Laboratory-Based Guided Surgery System <i>In Vitro</i> . Implant Dentistry, 2016, 25, 222-226.	1.3	1
17	Odontogenic myxoma: a clinicopathological study in a South African population. Journal of Oral Pathology and Medicine, 2016, 45, 599-604.	2.7	17
18	Accuracy of cone beam computed tomography in following simulated autogenous graft resorption in maxillary sinus augmentation procedure: an <i>ex vivo</i> study. Dentomaxillofacial Radiology, 2016, 45, 20160092.	2.7	7

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19	Clinical evaluation comparing the fit of all-ceramic crowns obtained from silicone and digital intraoral impressions. <i>Clinical Oral Investigations</i> , 2016, 20, 799-806.	3.0	71
20	Accuracy of Cone-beam Computed Tomography in the Detection of a Second Mesio Buccal Root Canal in Endodontically Treated Teeth: An Ex Vivo Study. <i>Journal of Endodontics</i> , 2015, 41, 1678-1681.	3.1	31
21	Bone quality evaluation at dental implant site using multislice CT, micro-CT, and cone beam CT. <i>Clinical Oral Implants Research</i> , 2015, 26, e1-7.	4.5	144
22	Influence of object location in cone beam computed tomography (NewTom 5G and 3D Accuitomo 170) on gray value measurements at an implant site. <i>Oral Radiology</i> , 2014, 30, 153.	1.9	9
23	Accuracy of preemptively constructed, cone beam CT, and CAD/CAM technology based, individual root analogue implant technique: an in vitro pilot investigation. <i>Clinical Oral Implants Research</i> , 2014, 25, 598-602.	4.5	19
24	Accuracy of trabecular bone microstructural measurement at planned dental implant sites using cone beam CT datasets. <i>Clinical Oral Implants Research</i> , 2014, 25, 941-945.	4.5	52
25	A retrospective analysis of the resorption rate of deproteinized bovine bone as maxillary sinus graft material on cone beam computed tomography. <i>Clinical Oral Implants Research</i> , 2014, 25, 781-785.	4.5	33
26	Influence of object location in different FOVs on trabecular bone microstructure measurements of human mandible: a cone beam CT study. <i>Dentomaxillofacial Radiology</i> , 2014, 43, 20130329.	2.7	15
27	Assessment of metal artefact reduction around dental titanium implants in cone beam CT. <i>Dentomaxillofacial Radiology</i> , 2014, 43, 20140019.	2.7	45
28	Designing a novel dental root analogue implant using cone beam computed tomography and CAD/CAM technology. <i>Clinical Oral Implants Research</i> , 2013, 24, 25-27.	4.5	49
29	Influence of cone beam CT scanning parameters on grey value measurements at an implant site. <i>Dentomaxillofacial Radiology</i> , 2013, 42, 79884780.	2.7	65
30	Diagnostic imaging of trabecular bone microstructure for oral implants: a literature review. <i>Dentomaxillofacial Radiology</i> , 2013, 42, 20120075.	2.7	54
31	The effect of scan parameters on cone beam CT trabecular bone microstructural measurements of the human mandible. <i>Dentomaxillofacial Radiology</i> , 2013, 42, 20130206.	2.7	23
32	Precision of identifying cephalometric landmarks with cone beam computed tomography in vivo. <i>European Journal of Orthodontics</i> , 2013, 35, 38-44.	2.4	49
33	Influence of scan setting selections on root canal visibility with cone beam CT. <i>Dentomaxillofacial Radiology</i> , 2012, 41, 645-648.	2.7	37
34	Cone Beam Computed Tomography in Veterinary Dentistry. <i>Journal of Veterinary Dentistry</i> , 2012, 29, 27-34.	0.3	19
35	Reliability of voxel gray values in cone beam computed tomography for preoperative implant planning assessment. <i>International Journal of Oral and Maxillofacial Implants</i> , 2012, 27, 1438-42.	1.4	52
36	Influence of scanning and reconstruction parameters on quality of three-dimensional surface models of the dental arches from cone beam computed tomography. <i>Clinical Oral Investigations</i> , 2010, 14, 303-310.	3.0	104

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37	Accuracy assessment of three-dimensional surface reconstructions of teeth from Cone Beam Computed Tomography scans. <i>Journal of Oral Rehabilitation</i> , 2010, 37, 352-358.	3.0	86
38	Reliability of Periapical Radiographs and Orthopantomograms in Detection of Tooth Root Protrusion in the Maxillary Sinus: Correlation Results with Cone Beam Computed Tomography. <i>Journal of Oral & Maxillofacial Research</i> , 2010, 1, e6.	1.0	25
39	Comparison of Five Cone Beam Computed Tomography Systems for the Detection of Vertical Root Fractures. <i>Journal of Endodontics</i> , 2010, 36, 126-129.	3.1	160
40	A comparative evaluation of Cone Beam Computed Tomography (CBCT) and Multi-Slice CT (MSCT). <i>European Journal of Radiology</i> , 2010, 75, 265-269.	2.6	312
41	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> , 2010, 75, 270-274.	2.6	182
42	Detection of Vertical Root Fractures in Endodontically Treated Teeth by a Cone Beam Computed Tomography Scan. <i>Journal of Endodontics</i> , 2009, 35, 719-722.	3.1	237
43	Outcome of Root Canal Treatment in Dogs Determined by Periapical Radiography and Cone-Beam Computed Tomography Scans. <i>Journal of Endodontics</i> , 2009, 35, 723-726.	3.1	65
44	Accuracy of three-dimensional measurements obtained from cone beam computed tomography surface-rendered images for cephalometric analysis: influence of patient scanning position. <i>European Journal of Orthodontics</i> , 2009, 31, 129-134.	2.4	149
45	A web-based instruction module for interpretation of craniofacial cone beam CT anatomy. <i>Dentomaxillofacial Radiology</i> , 2007, 36, 348-355.	2.7	13
46	Evaluation of web-based instruction for anatomical interpretation in maxillofacial cone beam computed tomography. <i>Dentomaxillofacial Radiology</i> , 2007, 36, 459-464.	2.7	31