

Ali H Hassan

List of Publications by Year in descending order

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Version: 2024-02-01

77
papers

1,226
citations

393982

19
h-index

433756

31
g-index

79
all docs

79
docs citations

79
times ranked

1447
citing authors

#	ARTICLE	IF	CITATIONS
1	Effectiveness of surface treatment on bond strength of ceramic brackets to two types of CAD/CAM-prepared nanohybrid composites. Journal of Orofacial Orthopedics, 2022, , 1.	0.5	1
2	Effect of gastric acids on surface topography and bending properties of esthetic coated nickel-titanium orthodontic archwires. Clinical Oral Investigations, 2021, 25, 1319-1326.	1.4	7
3	Pulp volume changes after piezocision-assisted tooth movement: a randomized clinical trial. BMC Oral Health, 2021, 21, 28.	0.8	8
4	Thank Orthodontic Intrusion Using Temporary Anchorage Devices Compared to Other Orthodontic Intrusion Methods: A Systematic Review. Clinical, Cosmetic and Investigational Dentistry, 2021, Volume 13, 11-19.	0.7	3
5	Effect of surface treatments on push-out bond strength of calcium silicate-based cements to fiber posts. BMC Oral Health, 2021, 21, 131.	0.8	2
6	A 0.002â€mmsup>2</sup> 8â€bit 1â€MS/s lowâ€power timeâ€based DAC (Tâ€DAC). IET Circuits, Devices and Systems, 2021, 15, 738-744.	0.9	1
7	Characterization of a novel enamel sealer for bioactive remineralization of white spot lesions. Journal of Dentistry, 2021, 109, 103663.	1.7	22
8	In vitro Investigation of the Antimicrobial Activity of Mouth Washes Incorporating Zein-Coated Magnesium Oxide Nanoparticles. Clinical, Cosmetic and Investigational Dentistry, 2021, Volume 13, 395-403.	0.7	4
9	Blue energy fuels: converting ocean wave energy to carbon-based liquid fuels <i>via</i> CO₂ reduction. Energy and Environmental Science, 2020, 13, 1300-1308.	15.6	93
10	Nonsurgical Treatment of Class III Malocclusion with Both Anterior and Posterior Crossbites Combined with Impacted and Congenitally Missed Teeth. Case Reports in Dentistry, 2020, 2020, 1-10.	0.2	1
11	<p>Oral Health-Related Quality of Life of Saudi Young Adults with Vertical Discrepancies in Occlusion</p>. Patient Preference and Adherence, 2020, Volume 14, 1021-1026.	0.8	5
12	Nonextraction Management of Severely Malaligned and Constricted Upper Arch. Case Reports in Dentistry, 2020, 2020, 1-9.	0.2	1
13	Correction of a Class III Malocclusion with a Functional Shift and Severe Crowding. Case Reports in Dentistry, 2020, 2020, 1-9.	0.2	1
14	Effect of piezocision corticotomy on en-masse retraction:. Angle Orthodontist, 2020, 90, 648-654.	1.1	17
15	A Smart Indoor Navigation System Over BLE. , 2019, , .		5
16	RF Energy Harvesting IoT System for Museum Ambience Control with Deep Learning. Sensors, 2019, 19, 4465.	2.1	20
17	Nonsurgical Orthodontic Intervention of a Severe Class II Case Accompanied by Posterior Crossbite Using a Miniscrew-Assisted Straight Wire Technique. Case Reports in Dentistry, 2019, 2019, 1-7.	0.2	0
18	Protective Effects of Low-Intensity Pulsed Ultrasound on Mandibular Condylar Cartilage Exposed to Mechanical Overloading. Ultrasound in Medicine and Biology, 2019, 45, 944-953.	0.7	5

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19	Impact of Dental Visits on Oral Health Awareness in Saudi Arabia. Journal of Contemporary Dental Practice, 2019, 20, 783-788.	0.2	2
20	A new design methodology for voltage-to-frequency converters (VFCs) circuits suitable for time-based analog-to-digital converters (T-ADCs). Analog Integrated Circuits and Signal Processing, 2018, 94, 277-287.	0.9	2
21	Experimental Verification of a Fractional-Order Wien Oscillator Built Using Solid-State Capacitors. , 2018, , .		7
22	Dental arch dimensions, form and tooth size ratio among a Saudi sample. Journal of King Abdulaziz University, Islamic Economics, 2018, 39, 86-91.	0.5	26
23	A Low-Power Time-Domain Comparator for IoT Applications. , 2018, , .		4
24	Fourier-transform infrared spectroscopy/attenuated total reflectance analysis for the degree of conversion and shear bond strength of Transbond XT adhesive system. Clinical, Cosmetic and Investigational Dentistry, 2018, Volume 10, 275-280.	0.7	6
25	A Compact Low-Power Mitchell-Based Error Tolerant Multiplier. , 2018, , .		0
26	Effectiveness of presurgical nasoalveolar molding therapy on unilateral cleft lip nasal deformity. Journal of King Abdulaziz University, Islamic Economics, 2018, 39, 169-178.	0.5	7
27	Effect of anterior crowding or spacing on oral health-related quality of life: a cross-sectional study. Patient Preference and Adherence, 2018, Volume 12, 461-465.	0.8	9
28	Zein based magnesium oxide nanoparticles: Assessment of antimicrobial activity for dental implications. Pakistan Journal of Pharmaceutical Sciences, 2018, 31, 245-250.	0.2	7
29	A VCO-Based MPPT Circuit for Low-Voltage Energy Harvesters. , 2017, , .		7
30	Ultrasound Enhances Dentoalveolar Remodeling in an Ex Vivo Orthodontic, Ovariectomy-Induced Osteoporotic Model. Ultrasound in Medicine and Biology, 2017, 43, 1963-1974.	0.7	4
31	A 1 GS/s 6-bit time-based analog-to-digital converter (T-ADC) for front-end receivers. , 2017, , .		5
32	A comparative analysis of optimized low-power comparators for biomedical-ADCs. , 2017, , .		4
33	A Low-Power Self-Startup Bandgap Circuit for Energy Efficient Applications. , 2017, , .		4
34	Piezocision as an adjunct to orthodontic treatment of unilateral posterior crossbite. Journal of King Abdulaziz University, Islamic Economics, 2017, 38, 425-430.	0.5	7
35	Comparison of oral health-related quality of life of patients treated by palatal expanders with patients treated by fixed orthodontic appliances. Patient Preference and Adherence, 2017, Volume 11, 699-705.	0.8	12
36	Effect of gingival fibroblasts and ultrasound on dogs' root resorption during orthodontic treatment. Journal of Orthodontic Science, 2017, 6, 28.	0.2	7

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37	Skeletal anchorage for intrusion of bimaxillary molars in a patient with skeletal open bite and temporomandibular disorders. <i>Journal of Orthodontic Science</i> , 2017, 6, 152.	0.2	7
38	Controlled release of injectable liposomal <i>in situ</i> gel loaded with recombinant human bone morphogenetic protein-2 for the repair of alveolar bone clefts in rabbits. <i>Journal of Liposome Research</i> , 2016, 26, 1-8.	1.5	12
39	Effects of nicotine on bone during orthodontic tooth movement in male rats. <i>Journal of King Abdulaziz University, Islamic Economics</i> , 2016, 37, 1127-1135.	0.5	13
40	A 200 MS/s 8-bit Time-based Analog-to-Digital Converter with inherit sample and hold. , 2016, , .		2
41	An ultra-low power voltage-to-time converter (VTC) circuit for low power and low speed applications. , 2016, , .		6
42	Effects of chlorhexidine (gel) application on bacterial levels and orthodontic brackets during orthodontic treatment. <i>Journal of Oral Science</i> , 2016, 58, 35-42.	0.7	14
43	Calcitonin and vitamin D3 have high therapeutic potential for improving diabetic mandibular growth. <i>International Journal of Oral Science</i> , 2016, 8, 39-44.	3.6	8
44	Cross-linked dry bonding: A new etch-and-rinse technique. <i>Dental Materials</i> , 2016, 32, 1124-1132.	1.6	27
45	A low-power high-speed charge-steering comparator for high-speed applications. , 2016, , .		5
46	Effects of Low-Intensity Pulsed Ultrasound on Orthodontic Tooth Movement and Orthodontically Induced Inflammatory Root Resorption in Ovariectomized Osteoporotic Rats. <i>Ultrasound in Medicine and Biology</i> , 2016, 42, 808-814.	0.7	15
47	Is chlorhexidine-methacrylate as effective as chlorhexidine digluconate in preserving resin dentin interfaces?. <i>Journal of Dentistry</i> , 2016, 45, 7-13.	1.7	18
48	Corticotomy-assisted orthodontic treatment. <i>Journal of King Abdulaziz University, Islamic Economics</i> , 2015, 36, 794-801.	0.5	29
49	Depot injectable biodegradable nanoparticles loaded with recombinant human bone morphogenetic protein-2: preparation, characterization, and in vivo evaluation. <i>Drug Design, Development and Therapy</i> , 2015, 9, 3599.	2.0	15
50	Soy polysaccharide as a novel superdisintegrant in sildenafil citrate sublingual tablets: preparation, characterization, and in vivo evaluation. <i>Drug Design, Development and Therapy</i> , 2015, 9, 465.	2.0	16
51	Solid lipid nanoparticles loaded with iron to overcome barriers for treatment of iron deficiency anemia. <i>Drug Design, Development and Therapy</i> , 2015, 9, 313.	2.0	52
52	Evaluation of mini-implant sites in the posterior maxilla using traditional radiographs and cone-beam computed tomography. <i>Journal of King Abdulaziz University, Islamic Economics</i> , 2015, 36, 1336-1341.	0.5	13
53	Diabetes detrimental effects on enamel and dentine formation. <i>Journal of Dentistry</i> , 2015, 43, 589-596.	1.7	20
54	The effect of light-emitting diode and laser on mandibular growth in rats. <i>Angle Orthodontist</i> , 2015, 85, 233-238.	1.1	21

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55	Association of orthodontic treatment needs and oral health-related quality of life in Saudi children seeking orthodontic treatment. <i>Patient Preference and Adherence</i> , 2014, 8, 1571.	0.8	23
56	A 500 MS/s 6 bits delay line ADC with inherit sample & hold. , 2014, , .		2
57	Intranasal in situ gel loaded with saquinavir mesylate nanosized microemulsion: Preparation, characterization, and in vivo evaluation. <i>International Journal of Pharmaceutics</i> , 2014, 475, 191-197.	2.6	55
58	Skeletal and dental characteristics of subjects with incompetent lips. <i>Journal of King Abdulaziz University, Islamic Economics</i> , 2014, 35, 849-54.	0.5	7
59	En masse retraction versus two-step retraction of anterior teeth in extraction treatment of bimaxillary protrusion. <i>Journal of Orthodontic Science</i> , 2013, 2, 28.	0.2	18
60	The beginning of a new eraâ€¦. <i>Journal of Orthodontic Science</i> , 2012, 1, 1.	0.2	1
61	Cephalometric characteristics of Class II division 1 malocclusion in a Saudi population living in the western region. <i>Saudi Dental Journal</i> , 2011, 23, 23-27.	0.5	13
62	Mandibular cephalometric characteristics of a Saudi sample of patients having impacted third molars. <i>Saudi Dental Journal</i> , 2011, 23, 73-80.	0.5	15
63	Association of orthodontic treatment needs and oral health-related quality of life in young adults. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2010, 137, 42-47.	0.8	98
64	Unilateral cross bite treated by corticotomy-assisted expansion: two case reports. <i>Head & Face Medicine</i> , 2010, 6, 6.	0.8	33
65	Pattern of third molar impaction in a Saudi population. <i>Clinical, Cosmetic and Investigational Dentistry</i> , 2010, 2, 109.	0.7	41
66	Bone inductive proteins to enhance postorthodontic stability. <i>Angle Orthodontist</i> , 2010, 80, 1051-1060.	1.1	22
67	Corticotomy-Assisted Orthodontic Treatment: Review. <i>Open Dentistry Journal</i> , 2010, 4, 159-164.	0.2	94
68	Shear bond strength of precoated orthodontic brackets: an in vivo study. <i>Clinical, Cosmetic and Investigational Dentistry</i> , 2010, 2, 41-5.	0.7	4
69	Relationship between blood-spot insulin-like growth factor 1 levels and hand-wrist assessment of skeletal maturity. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2009, 136, 59-64.	0.8	23
70	Orthodontic treatment needs in the western region of Saudi Arabia: a research report. <i>Head & Face Medicine</i> , 2006, 2, 2.	0.8	37
71	Growth modification of the mandible with ultrasound in baboons: A preliminary report. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2006, 130, 435.e7-435.e14.	0.8	35
72	Cephalometric norms for saudi adults living in the western region of Saudi Arabia. <i>Angle Orthodontist</i> , 2006, 76, 109-13.	1.1	49

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73	Cephalometric norms for the Saudi children living in the western region of Saudi Arabia: a research report. <i>Head & Face Medicine</i> , 2005, 1, 5.	0.8	11
74	Quality assessment of dental health services provided at the Faculty of Dentistry, King Abdulaziz University. <i>Journal of the Egyptian Public Health Association</i> , The, 2005, 80, 203-32.	1.0	2
75	Use of Bone Morphogenetic Protein-2 and Dentin Matrix Protein-1 to Enhance the Osteointegration of the Onplant System. <i>Connective Tissue Research</i> , 2003, 44, 30-41.	1.1	21
76	Use of bone morphogenetic protein-2 and dentin matrix protein-1 to enhance the osteointegration of the Onplant system. <i>Connective Tissue Research</i> , 2003, 44, 30-41.	1.1	4
77	Shear bond strength of precoated orthodontic brackets: an in vivo study. <i>Clinical, Cosmetic and Investigational Dentistry</i> , 0, Volume 2, 41-45.	0.7	9