

# Mohammad Hamdan Alkhraisat

## List of Publications by Year in descending order

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91  
papers

2,394  
citations

186265

28  
h-index

233421

45  
g-index

91  
all docs

91  
docs citations

91  
times ranked

2726  
citing authors

#	ARTICLE	IF	CITATIONS
1	Perspectives and challenges in regenerative medicine using plasma rich in growth factors. <i>Journal of Controlled Release</i> , 2012, 157, 29-38.	9.9	172
2	Craniofacial vertical bone augmentation: A comparison between 3D printed monolithic monetite blocks and autologous onlay grafts in the rabbit. <i>Biomaterials</i> , 2009, 30, 6318-6326.	11.4	128
3	Effect of platelet-rich plasma on sinus lifting: a randomized-controlled clinical trial. <i>Journal of Clinical Periodontology</i> , 2009, 36, 677-687.	4.9	104
4	Platelet-rich plasma may prevent titanium-mesh exposure in alveolar ridge augmentation with anorganic bovine bone. <i>Journal of Clinical Periodontology</i> , 2010, 37, 943-951.	4.9	92
5	Osseointegration of dental implants in 3D-printed synthetic onlay grafts customized according to bone metabolic activity in recipient site. <i>Biomaterials</i> , 2014, 35, 5436-5445.	11.4	92
6	Morphogen and proinflammatory cytokine release kinetics from PRGF-Endoret fibrin scaffolds: Evaluation of the effect of leukocyte inclusion. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 1011-1020.	4.0	91
7	Loading and release of doxycycline hyclate from strontium-substituted calcium phosphate cement. <i>Acta Biomaterialia</i> , 2010, 6, 1522-1528.	8.3	86
8	Strontium modified biocements with zero order release kinetics. <i>Biomaterials</i> , 2008, 29, 4691-4697.	11.4	76
9	Implant Survival and Crestal Bone Loss Around Extra-Short Implants Supporting a Fixed Denture: The Effect of Crown Height Space, Crown-to-Implant Ratio, and Offset Placement of the Prosthesis. <i>International Journal of Oral and Maxillofacial Implants</i> , 2014, 29, 682-689.	1.4	71
10	Clinical, radiographical, and histological outcomes of plasma rich in growth factors in extraction socket: a randomized controlled clinical trial. <i>Clinical Oral Investigations</i> , 2015, 19, 589-600.	3.0	71
11	Vertical bone augmentation with 3D-synthetic monetite blocks in the rabbit calvaria. <i>Journal of Clinical Periodontology</i> , 2011, 38, 1147-1153.	4.9	68
12	Release kinetics of platelet-derived and plasma-derived growth factors from autologous plasma rich in growth factors. <i>Annals of Anatomy</i> , 2013, 195, 461-466.	1.9	67
13	Combined effect of strontium and pyrophosphate on the properties of brushite cements. <i>Acta Biomaterialia</i> , 2008, 4, 664-670.	8.3	57
14	The effect of hyaluronic acid on brushite cement cohesion. <i>Acta Biomaterialia</i> , 2009, 5, 3150-3156.	8.3	54
15	Magnesium substitution in brushite cements for enhanced bone tissue regeneration. <i>Materials Science and Engineering C</i> , 2014, 43, 403-410.	7.3	48
16	Advantages of using glycolic acid as a retardant in a brushite forming cement. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2007, 83B, 571-579.	3.4	43
17	Influence of Titanium Surface Charge on Fibroblast Adhesion. <i>Clinical Implant Dentistry and Related Research</i> , 2006, 8, 32-38.	3.7	42
18	Efficacy of biologically guided implant site preparation to obtain adequate primary implant stability. <i>Annals of Anatomy</i> , 2015, 199, 9-15.	1.9	41

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19	Minimizing the mandibular advancement in an oral appliance for the treatment of obstructive sleep apnea. <i>Sleep Medicine</i> , 2017, 34, 226-231.	1.6	39
20	Effect of silica gel on the cohesion, properties and biological performance of brushite cement. <i>Acta Biomaterialia</i> , 2010, 6, 257-265.	8.3	38
21	Effect of Solely Applied Platelet-Rich Plasma on Osseous Regeneration Compared to Bio-Oss®: A Morphometric and Densitometric Study on Rabbit Calvaria. <i>Clinical Implant Dentistry and Related Research</i> , 2008, 10, 106-112.	3.7	36
22	Platelet-Rich Plasma to Improve the Bio-Functionality of Biomaterials. <i>BioDrugs</i> , 2013, 27, 97-111.	4.6	36
23	Silicon calcium phosphate ceramic as novel biomaterial to simulate the bone regenerative properties of autologous bone. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 479-488.	4.0	34
24	Magnesium substitution in brushite cements. <i>Materials Science and Engineering C</i> , 2013, 33, 475-481.	7.3	32
25	15-year follow-up of short dental implants placed in the partially edentulous patient: Mandible Vs maxilla. <i>Annals of Anatomy</i> , 2019, 222, 88-93.	1.9	31
26	Novel Technique for the Treatment of the Severely Atrophied Posterior Mandible. <i>International Journal of Oral and Maxillofacial Implants</i> , 2013, 28, 1338-1346.	1.4	30
27	Frequency of Obstructive Sleep Apnea Syndrome in Dental Patients with Tooth Wear. <i>Journal of Clinical Sleep Medicine</i> , 2015, 11, 445-450.	2.6	30
28	Platelet rich plasma in oral and maxillofacial surgery from the perspective of composition. <i>Platelets</i> , 2021, 32, 174-182.	2.3	30
29	Beta-tricalcium phosphate release from brushite cement surface. <i>Journal of Biomedical Materials Research - Part A</i> , 2008, 84A, 710-717.	4.0	29
30	Efficacy of mandibular advancement device in the treatment of obstructive sleep apnea syndrome: A randomized controlled crossover clinical trial. <i>Medicina Oral, Patología Oral Y Cirugía Bucal</i> , 2015, 20, e605-e615.	1.7	29
31	Conservative Implant Removal for the Analysis of the Cause, Removal Torque, and Surface Treatment of Failed Nonmobile Dental Implants. <i>Journal of Oral Implantology</i> , 2016, 42, 69-77.	1.0	28
32	Surgical Correction of Horizontal Bone Defect Using the Lateral Maxillary Wall: Outcomes of a Retrospective Study. <i>Journal of Oral and Maxillofacial Surgery</i> , 2014, 72, 683-693.	1.2	21
33	Magnesium substitution in brushite cements: Efficacy of a new biomaterial loaded with vancomycin for the treatment of Staphylococcus aureus infections. <i>Materials Science and Engineering C</i> , 2016, 61, 72-78.	7.3	21
34	Long-Term Follow-Up of 2.5-mm Narrow-Diameter Implants Supporting a Fixed Prosthesis. <i>Clinical Implant Dentistry and Related Research</i> , 2016, 18, 769-777.	3.7	20
35	Long-term Outcomes of Immediate Loading of Short Implants: A Controlled Retrospective Cohort Study. <i>International Journal of Oral and Maxillofacial Implants</i> , 2016, 31, 1360-1366.	1.4	19
36	Transcrestal Sinus Lift Using Platelet Concentrates in Association to Short Implant Placement: A Retrospective Study of Augmented Bone Height Remodeling. <i>Clinical Implant Dentistry and Related Research</i> , 2016, 18, 993-1002.	3.7	19

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37	Association of transalveolar sinus floor elevation, platelet rich plasma, and short implants for the treatment of atrophied posterior maxilla. <i>Clinical Oral Implants Research</i> , 2015, 26, 69-76.	4.5	18
38	Short dental implants in patients with oral lichen planus: a long-term follow-up. <i>British Journal of Oral and Maxillofacial Surgery</i> , 2018, 56, 216-220.	0.8	18
39	Predicting the night-to-night variability in the severity of obstructive sleep apnea: the case of the standard error of measurement. <i>Sleep Science</i> , 2019, 12, 72-78.	1.0	18
40	Monetite granules versus particulate autologous bone in bone regeneration. <i>Annals of Anatomy</i> , 2015, 200, 126-133.	1.9	17
41	Is Alveolar Ridge Split a Risk Factor for Implant Survival?. <i>Journal of Oral and Maxillofacial Surgery</i> , 2016, 74, 2182-2191.	1.2	17
42	Performance of the counter-torque technique in the explantation of nonmobile dental implants. <i>International Journal of Implant Dentistry</i> , 2020, 6, 1.	2.7	17
43	The inclusion of leukocytes into platelet rich plasma reduces scaffold stability and hinders extracellular matrix remodelling.. <i>Annals of Anatomy</i> , 2022, 240, 151853.	1.9	17
44	Strontium Ions Substitution in Brushite Crystals: The Role of Strontium Chloride. <i>Journal of Functional Biomaterials</i> , 2011, 2, 31-38.	4.4	15
45	Clinical Performance of Short Dental Implants Supporting Single Crown Restoration in the Molar-Premolar Region: Cement Versus Screw Retention. <i>International Journal of Oral and Maxillofacial Implants</i> , 2019, 34, 969-976.	1.4	15
46	Implant Site Under-Preparation to Compensate the Remodeling of an Autologous Bone Block Graft. <i>Journal of Craniofacial Surgery</i> , 2015, 26, e374-e377.	0.7	14
47	Long-Term Outcomes of Immediate Implant Placement Into Infected Sockets in Association With Immediate Loading: A Retrospective Cohort Study. <i>Journal of Periodontology</i> , 2016, 87, 1135-1140.	3.4	14
48	A new iron calcium phosphate material to improve the osteoconductive properties of a biodegradable ceramic: a study in rabbit calvaria. <i>Biomedical Materials (Bristol)</i> , 2015, 10, 055012.	3.3	13
49	Effect of physicochemical properties of a cement based on silicocarnotite/calcium silicate on <i>in vitro</i> cell adhesion and <i>in vivo</i> cement degradation. <i>Biomedical Materials (Bristol)</i> , 2016, 11, 045005.	3.3	13
50	The use of topical corticosteroides in the treatment of oral lichen planus in Spain: A national survey. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2017, 22, 0-0.	1.7	13
51	Biological Therapy of Refractory Ulcerative Oral Lichen Planus with Plasma Rich in Growth Factors. <i>American Journal of Clinical Dermatology</i> , 2017, 18, 429-433.	6.7	12
52	Clinical Effectiveness of 6.5mm Long Implants to Support Two Implant Fixed Protheses in Premolar-Molar Region: The Influence of Immediate Loading and the Length of Splinting Implant. <i>Journal of Prosthodontics</i> , 2019, 28, e688-e693.	3.7	12
53	Silicon-calcium phosphate ceramics and silicon-calcium phosphate cements: Substrates to customize the release of antibiotics according to the idiosyncrasies of the patient. <i>Materials Science and Engineering C</i> , 2020, 106, 110173.	7.3	12
54	Tooth autotransplantation as a pillar for 3D regeneration of the alveolar process after severe traumatic injury: A case report. <i>Dental Traumatology</i> , 2017, 33, 414-419.	2.0	11

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55	Prognosis of Dental Implants Immediately Placed in Sockets Affected by Peri-implantitis: A Retrospective Pilot Study. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2017, 37, 713-719.	1.0	11
56	Biomolecules in the treatment of lichen planus refractory to corticosteroid therapy: Clinical and histopathological assessment. <i>Annals of Anatomy</i> , 2018, 216, 159-163.	1.9	11
57	Frequency of Technical Complications in Fixed Implant Prosthesis: The Effect of Prosthesis Screw Emergence Correction by Computer-Aided Design/Computer-Aided Manufacturing. <i>Journal of Oral Implantology</i> , 2018, 44, 427-431.	1.0	11
58	Effect of combining platelet-rich plasma with anorganic bovine bone on vertical bone regeneration: early healing assessment in rabbit calvariae. <i>International Journal of Oral and Maxillofacial Implants</i> , 2010, 25, 123-9.	1.4	11
59	Implant-Guided Vertical Bone Augmentation Around Extra-Short Implants for the Management of Severe Bone Atrophy. <i>Journal of Oral Implantology</i> , 2015, 41, 563-569.	1.0	10
60	Early marginal bone stability of dental implants placed in a transalveolarly augmented maxillary sinus: a controlled retrospective study of surface modification with calcium ions. <i>International Journal of Implant Dentistry</i> , 2017, 3, 49.	2.7	9
61	The Effectiveness of Platelet-Rich Plasma as a Carrier of Stem Cells in Tissue Regeneration: A Systematic Review of Pre-Clinical Research. <i>Cells Tissues Organs</i> , 2021, 210, 339-350.	2.3	9
62	Validation of a new domiciliary diagnosis device for automatic diagnosis of patients with clinical suspicion of <sc>OSA</sc>. <i>Respirology</i> , 2017, 22, 378-385.	2.3	8
63	Histopathological features of oral lichen planus and its response to corticosteroid therapy. <i>Medicine (United States)</i> , 2019, 98, e18321.	1.0	8
64	Current opinion on the role of vitamin D supplementation in respiratory infections and asthma/COPD exacerbations: A need to establish publication guidelines for overcoming the unpublished data. <i>Clinical Nutrition</i> , 2022, 41, 755-777.	5.0	8
65	Osteoinduction in the Palatal Submucosa by Injecting BMP-2 on 2 Different Carriers. <i>Journal of Craniofacial Surgery</i> , 2012, 23, 594-598.	0.7	7
66	Frequency of Prosthetic Complications Related to Implant-Borne Prosthesis in a Sleep Disorder Unit. <i>Journal of Oral Implantology</i> , 2017, 43, 19-23.	1.0	7
67	Transcrestal Sinus Floor Augmentation by Sequential Drilling and the Use of Plasma Rich in Growth Factors. <i>International Journal of Oral and Maxillofacial Implants</i> , 2017, 32, e167-e173.	1.4	7
68	Survival and Marginal Bone Loss of Dental Implants Supporting Cad-Cam Angled Channel Restorations: A Split-Mouth Retrospective Study. <i>European Journal of Dentistry</i> , 2020, 14, 194-199.	1.7	7
69	Antibiotic Release from Calcium Phosphate Materials in Oral and Maxillofacial Surgery. <i>Molecular, Cellular and Pharmaceutical Aspects. Current Pharmaceutical Biotechnology</i> , 2017, 18, 52-63.	1.6	7
70	Replacement of missing posterior tooth with off-center placed single implant: Long-term follow-up outcomes. <i>Journal of Prosthetic Dentistry</i> , 2015, 114, 27-33.	2.8	6
71	The influence of sodium citrate on the characteristics and biological activity of plasma rich in growth factors. <i>Regenerative Medicine</i> , 2020, 15, 2181-2192.	1.7	6
72	Platelet-Rich Plasma as an Alternative to Xenogeneic Sera in Cell-Based Therapies: A Need for Standardization. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6552.	4.1	6

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73	Silicon bioceramic loaded with vancomycin stimulates bone tissue regeneration. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2018, 106, 2307-2315.	3.4	5
74	Fifteen-Year Follow-up of Short Dental Implants in the Completely Edentulous Jaw. <i>Implant Dentistry</i> , 2019, Publish Ahead of Print, 551-555.	1.3	5
75	The influence of alveolar bone healing degree on its potential as a source of human alveolar bone-derived cells. <i>Annals of Anatomy</i> , 2020, 232, 151578.	1.9	5
76	Long-Term Retrospective Study of 3.0-mm-Diameter Implants Supporting Fixed Multiple Protheses: Immediate Versus Delayed Implant Loading. <i>International Journal of Oral and Maxillofacial Implants</i> , 2020, 35, 1229-1238.	1.4	5
77	Bone Substitutes. , 2011, , .		4
78	Implantâ€prosthetic treatment in patients with oral lichen planus: A systematic review. <i>Special Care in Dentistry</i> , 2022, 42, 60-72.	0.8	4
79	Clinical outcomes of dental implants placed in the same region where previous implants failed due to peri-implantitis: a retrospective study. <i>International Journal of Implant Dentistry</i> , 2021, 7, 109.	2.7	4
80	Transalveolar Osteotomy of the Mandibular Canal Wall for the Treatment of Severely Atrophied Posterior Mandible. <i>Journal of Oral and Maxillofacial Surgery</i> , 2017, 75, 1392-1401.	1.2	3
81	Single-unit short dental implants. Would they survive a long period of service?. <i>British Journal of Oral and Maxillofacial Surgery</i> , 2019, 57, 387-388.	0.8	3
82	Short Narrow Dental Implants versus Long Narrow Dental Implants in Fixed Protheses: A Prospective Clinical Study. <i>Dentistry Journal</i> , 2022, 10, 39.	2.3	3
83	Rehabilitation of Atrophied Low-Density Posterior Maxilla by Implant-Supported Prosthesis. <i>Journal of Craniofacial Surgery</i> , 2016, 27, e1-e2.	0.7	2
84	Minimally Invasive Removal of Nonmobile Zygomatic Dental Implants Affected by Peri-Implantitis and Chronic Sinusitis. <i>Journal of Oral Implantology</i> , 2017, 43, 392-394.	1.0	2
85	Transalveolar nasal floor elevation and implant placement: Long term follow-up case report and description of the technique. <i>Oral and Maxillofacial Surgery Cases</i> , 2021, 7, 100222.	0.4	2
86	Oral Pemphigoid Recalcitrant Lesion Treated with PRGF Infiltration. Case Report. <i>Dentistry Journal</i> , 2021, 9, 137.	2.3	2
87	Rigorous methodology is the school of coherent conclusions in science. <i>European Journal of Oral Implantology</i> , 2013, 6, 9-11; discussion 11.	1.2	2
88	Long-term Outcome of Transosteotomy Bone Augmentation of the Inferior Border of the Severely Resorbed Mandible. <i>Implant Dentistry</i> , 2015, Publish Ahead of Print, 236-9.	1.3	1
89	Unusual Presentation of Castleman Disease in the Oral Cavity. <i>Journal of Craniofacial Surgery</i> , 2017, 28, e218-e219.	0.7	1
90	The adjuvant use of plasma rich in growth factors in the inferior alveolar nerve repositioning technique. <i>Heliyon</i> , 2019, 5, e02965.	3.2	1

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91	Pre-Implant Reconstructive Surgery. , 2016, , 171-228.		0