Mohamed-Nur Abdallah

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	NSAID chronotherapy after impacted third molar extraction: a randomized controlled trial. Oral and Maxillofacial Surgery, 2022, 26, 663-672.	1.3	3
2	The Role of Surface Chemistry in the Osseointegration of PEEK Implants. ACS Biomaterials Science and Engineering, 2022, 8, 1506-1521.	5.2	14
3	Proton Pump Inhibitors and the Risk of Early Aseptic Loosening in Hip and Knee Arthroplasty. Geriatric Orthopaedic Surgery and Rehabilitation, 2022, 13, 215145932210916.	1.4	1
4	Biomimetic trace metals improve bone regenerative properties of calcium phosphate bioceramics. Journal of Biomedical Materials Research - Part A, 2021, 109, 666-681.	4.0	14
5	Osseointegration Pharmacology: A Systematic Mapping Using Artificial Intelligence. Acta Biomaterialia, 2021, 119, 284-302.	8.3	9
6	The role of cortical perforations in allogeneic block grafting for lateral augmentation in maxilla: A randomized clinical trial. Clinical Implant Dentistry and Related Research, 2021, 23, 530-542.	3.7	4
7	Analytical model of I-bar clasps for removable partial dentures. Dental Materials, 2021, 37, 1066-1072.	3.5	3
8	The effect of aging on the bone healing properties of blood plasma. Injury, 2021, 52, 1697-1708.	1.7	4
9	High toughness resorbable brushite-gypsum fiber-reinforced cements. Materials Science and Engineering C, 2021, 127, 112205.	7.3	6
10	Disclosing Agent for Resin Composite Based on Adsorption Surface Treatment. ACS Applied Bio Materials, 2021, 4, 7222-7233.	4.6	0
11	Differences in plateletâ€rich plasma composition influence bone healing. Journal of Clinical Periodontology, 2021, 48, 1613-1623.	4.9	11
12	How Do Bone Allografts Regenerate Bone?. Journal of Craniofacial Surgery, 2021, Publish Ahead of Print, .	0.7	1
13	Evaluation of the design-driven prediction of removable partial denture retention. Journal of Prosthetic Dentistry, 2020, 124, 357-364.	2.8	3
14	Biocompatibility and Durability of Diazonium Adhesives on Dental Alloys. Journal of Prosthodontics, 2020, 29, 251-260.	3.7	2
15	Composition and characteristics of trabecular bone in osteoporosis and osteoarthritis. Bone, 2020, 140, 115558.	2.9	19
16	Postoperative Administration of the Acetylcholinesterase Inhibitor, Donepezil, Interferes with Bone Healing and Implant Osseointegration in a Rat Model. Biomolecules, 2020, 10, 1318.	4.0	8
17	Digital removable partial dentures. Clinical Dentistry Reviewed, 2020, 4, 1.	0.4	6
18	Tooth Shade Preferences among the General Public. Journal of Prosthodontics, 2020, 29, 564-572.	3.7	4

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19	Achieving enhanced bone regeneration using monetite granules with bone anabolic drug conjugates (C3 and C6) in rat mandibular defects. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2020, 108, 2670-2680.	3.4	8
20	Ranitidine Impairs Bone Healing and Implant Osseointegration in Rats' Tibiae. Journal of Oral and Maxillofacial Surgery, 2020, 78, 1943-1952.	1.2	4
21	Chiral Tartaric Acid Improves Fracture Toughness of Bioactive Brushite–Collagen Bone Cements. ACS Applied Bio Materials, 2020, 3, 5056-5066.	4.6	4
22	High strength brushite bioceramics obtained by selective regulation of crystal growth with chiral biomolecules. Acta Biomaterialia, 2020, 106, 351-359.	8.3	24
23	Improved bone regeneration using bone anabolic drug conjugates (C3 and C6) with deproteinized bovine bone mineral as a carrier in rat mandibular defects. Journal of Periodontology, 2020, 91, 1521-1531.	3.4	1
24	Age related changes in the bone microstructure in patients with femoral neck fractures. Injury, 2020, 51, S12-S18.	1.7	3
25	Chronotherapy of Non-Steroidal Anti-Inflammatory Drugs May Enhance Postoperative Recovery. Scientific Reports, 2020, 10, 468.	3.3	19
26	Patientâ€Reported Outcomes of Metal and Acrylic Resin Removable Partial Dentures: A Systematic Review and Metaâ€Analysis. Journal of Prosthodontics, 2020, 29, 378-386.	3.7	8
27	Development of a Checklist to Prevent Reconstructive Errors Made By Undergraduate Dental Students. Journal of Prosthodontics, 2020, 29, 573-578.	3.7	1
28	The case for chronotherapy in Covidâ€19â€induced acute respiratory distress syndrome. British Journal of Pharmacology, 2020, 177, 4845-4850.	5.4	20
29	Clinical orthodontic management during the COVID-19 pandemic. Angle Orthodontist, 2020, 90, 473-484.	2.4	82
30	Combination of polyetherketoneketone scaffold and human mesenchymal stem cells from temporomandibular joint synovial fluid enhances bone regeneration. Scientific Reports, 2019, 9, 472.	3.3	30
31	Marginal Discrepancies of Monolithic Zirconia Crowns: The Influence of Preparation Designs and Sintering Techniques. Journal of Prosthodontics, 2019, 28, 288-298.	3.7	31
32	Low intensity pulsed ultrasound increases mandibular height and Col-II and VEGF expression in arthritic mice. Archives of Oral Biology, 2019, 104, 112-118.	1.8	16
33	3D-Printed Removable Partial Dentures. , 2019, , 95-113.		3
34	Fabrication of Dental Restorations Using Digital Technologies: Techniques and Materials. , 2019, , 55-91.		3
35	Natural and synthetic bone replacement graft materials for dental and maxillofacial applications. , 2019, , 347-376.		13
36	Bone extracts immunomodulate and enhance the regenerative performance of dicalcium phosphates bioceramics. Acta Biomaterialia, 2019, 89, 343-358.	8.3	35

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37	Determining the retention of removable partial dentures. Journal of Prosthetic Dentistry, 2019, 122, 55-62.e3.	2.8	9
38	Advanced inorganic nanocomposite for decontaminating titanium dental implants. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2019, 107, 761-772.	3.4	9
39	Use of beta-blockers and risk of aseptic loosening in total hip and knee arthroplasty: a nested case - control study. Journal of Musculoskeletal Neuronal Interactions, 2019, 19, 104-111.	0.1	3
40	Comparative adsorption profiles of basal lamina proteome and gingival cells onto dental and titanium surfaces. Acta Biomaterialia, 2018, 73, 547-558.	8.3	11
41	Scaffolds for epithelial tissue engineering customized in elastomeric molds. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2018, 106, 880-890.	3.4	7
42	Removable partial denture alloys processed by laserâ€sintering technique. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2018, 106, 1174-1185.	3.4	55
43	Platelet concentrates for bone regeneration: Current evidence and future challenges. Platelets, 2018, 29, 105-112.	2.3	43
44	The antidepressant drug, sertraline, hinders bone healing and osseointegration in rats' tibiae. Journal of Clinical Periodontology, 2018, 45, 1485-1497.	4.9	16
45	Bio-inspired and optimized interlocking features for strengthening metal/polymer interfaces in additively manufactured prostheses. Acta Biomaterialia, 2018, 80, 425-434.	8.3	18
46	An analytical model to design circumferential clasps for laser-sintered removable partial dentures. Dental Materials, 2018, 34, 1474-1482.	3.5	10
47	Pharmacological Risk Assessment for Dental Implants. , 2018, , 37-65.		0
48	Three-Dimensional Printed Scaffolds with Multipotent Mesenchymal Stromal Cells for Rabbit Mandibular Reconstruction and Engineering. Methods in Molecular Biology, 2017, 1553, 273-291.	0.9	13
49	Effect of processing conditions of dicalcium phosphate cements on graft resorption and bone formation. Acta Biomaterialia, 2017, 53, 526-535.	8.3	35
50	Biomaterial surface proteomic signature determines interaction with epithelial cells. Acta Biomaterialia, 2017, 54, 150-163.	8.3	51
51	Extracellular Matrices for Bone Regeneration: A Literature Review. Tissue Engineering - Part A, 2017, 23, 1436-1451.	3.1	79
52	Osseointegrated Implants: Strategies for Optimizing the Soft Tissue Seal around Osseointegrated Implants (Adv. Healthcare Mater. 20/2017). Advanced Healthcare Materials, 2017, 6, .	7.6	0
53	Strategies for Optimizing the Soft Tissue Seal around Osseointegrated Implants. Advanced Healthcare Materials, 2017, 6, 1700549.	7.6	68
54	Threeâ€dimensionally printed polyetherketoneketone scaffolds with mesenchymal stem cells for the reconstruction of criticalâ€sized mandibular defects. Laryngoscope, 2017, 127, E392-E398.	2.0	40

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55	Metal-composite adhesion based on diazonium chemistry. Dental Materials, 2017, 33, e393-e404.	3.5	9
56	Inconclusive evidence on using antibiotic prophylaxis before dental procedures to prevent infective endocarditis. Journal of the American Dental Association, 2017, 148, 618-620.	1.5	1
57	Proton Pump Inhibitors and the Risk of Osseointegrated Dental Implant Failure: A Cohort Study. Clinical Implant Dentistry and Related Research, 2017, 19, 222-232.	3.7	44
58	Decontamination of titanium implants using physical methods. Clinical Oral Implants Research, 2017, 28, 1013-1021.	4.5	54
59	Antihypertensive Medications and the Survival Rate of Osseointegrated Dental Implants: A Cohort Study. Clinical Implant Dentistry and Related Research, 2016, 18, 1171-1182.	3.7	46
60	Systemic administration of omeprazole interferes with bone healing and implant osseointegration: an inÂvivo study on rat tibiae. Journal of Clinical Periodontology, 2016, 43, 193-203.	4.9	49
61	Controlling Bone Graft Substitute Microstructure to Improve Bone Augmentation. Advanced Healthcare Materials, 2016, 5, 1646-1655.	7.6	27
62	Rehabilitation of a Completely Edentulous Patient with Nonreducible Bilateral Anterior Dislocation of the Temporomandibular Joint: A Prosthodontic Challenge—Clinical Report. Journal of Prosthodontics, 2016, 25, 402-406.	3.7	2
63	Diagenesis-inspired reaction of magnesium ions with surface enamel mineral modifies properties of human teeth. Acta Biomaterialia, 2016, 37, 174-183.	8.3	30
64	Electrochemical Treatment of Contaminated Titanium Surfaces in Vitro: An Approach for Implant Surface Decontamination. ACS Biomaterials Science and Engineering, 2016, 2, 1504-1518.	5.2	11
65	Propranolol enhances bone healing and implant osseointegration in rats tibiae. Journal of Clinical Periodontology, 2016, 43, 1160-1170.	4.9	32
66	Two-Dimensional Magnesium Phosphate Nanosheets Form Highly Thixotropic Gels That Up-Regulate Bone Formation. Nano Letters, 2016, 16, 4779-4787.	9.1	60
67	Improving PEEK bioactivity for craniofacial reconstruction using a 3D printed scaffold embedded with mesenchymal stem cells. Journal of Biomaterials Applications, 2016, 31, 132-139.	2.4	86
68	Donepezil regulates energy metabolism and favors bone mass accrual. Bone, 2016, 84, 131-138.	2.9	23
69	Antiâ€ <scp>VEGF</scp> s hinder bone healing and implant osseointegration in rat tibiae. Journal of Clinical Periodontology, 2015, 42, 688-696.	4.9	36
70	Mechanisms of in Vivo Degradation and Resorption of Calcium Phosphate Based Biomaterials. Materials, 2015, 8, 7913-7925.	2.9	160
71	Bonding metals to poly(methyl methacrylate) using aryldiazonium salts. Dental Materials, 2015, 31, 105-114.	3.5	25
72	Bone Augmented With Allograft Onlays for Implant Placement Could Be Comparable With Native Bone. Journal of Oral and Maxillofacial Surgery, 2015, 73, 2108-2122.	1.2	26

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73	In vitro degradation and in vivo resorption of dicalcium phosphate cement based grafts. Acta Biomaterialia, 2015, 26, 338-346.	8.3	72
74	Plaque Accumulation Beneath Maxillary Allâ€onâ€4â"¢ Implantâ€Supported Prostheses. Clinical Implant Dentistry and Related Research, 2015, 17, 932-937.	3.7	24
75	Are interventions for accelerating orthodontic tooth movement effective?. Evidence-Based Dentistry, 2014, 15, 116-117.	0.8	9
76	Regulated fracture in tooth enamel: A nanotechnological strategy from nature. Journal of Biomechanics, 2014, 47, 2444-2451.	2.1	9
77	Osseointegration of dental implants in 3D-printed synthetic onlay grafts customized according to bone metabolic activity in recipient site. Biomaterials, 2014, 35, 5436-5445.	11.4	92
78	Development of a composite resin disclosing agent based on the understanding of tooth staining mechanisms. Journal of Dentistry, 2014, 42, 697-708.	4.1	17
79	Membranes over the lateral window in sinus augmentation procedures: a twoâ€arm and splitâ€mouth randomized clinical trials. Journal of Clinical Periodontology, 2013, 40, 1043-1051.	4.9	43
80	Trace elements can influence the physical properties of tooth enamel. SpringerPlus, 2013, 2, 499.	1.2	55
81	Matrix metalloproteinases and their pathological upregulation in multiple sclerosis: an overview. Acta Neurologica Belgica, 2013, 113, 381-390.	1.1	30
82	Oral Tori Are Associated With Local Mechanical and Systemic Factors: A Case-Control Study. Journal of Oral and Maxillofacial Surgery, 2013, 71, 14-22.	1.2	57
83	Regulation of enamel hardness by its crystallographic dimensions. Acta Biomaterialia, 2012, 8, 3400-3410.	8.3	55
84	The effect of autoclaving on the physical and biological properties of dicalcium phosphate dihydrate bioceramics: Brushite vs. monetite. Acta Biomaterialia, 2012, 8, 3161-3169.	8.3	109
85	Hydrogen peroxide whitens teeth by oxidizing the organic structure. Journal of Dentistry, 2012, 40, e25-e33.	4.1	148
86	Dicalcium phosphate cements: Brushite and monetite. Acta Biomaterialia, 2012, 8, 474-487.	8.3	352
87	The role of enamel crystallography on tooth shade. Journal of Dentistry, 2011, 39, e3-e10.	4.1	53
88	Vertical bone augmentation with 3Dâ€synthetic monetite blocks in the rabbit calvaria. Journal of Clinical Periodontology, 2011, 38, 1147-1153.	4.9	68
89	Biocompatibility of magnesium phosphate minerals and their stability under physiological conditions. Acta Biomaterialia, 2011, 7, 2678-2685.	8.3	145
90	Resorption of monetite granules in alveolar bone defects in human patients. Biomaterials, 2010, 31, 2762-2769.	11.4	111

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91	Narghile (water pipe) smoking among university students in Jordan: prevalence, pattern and beliefs. Harm Reduction Journal, 2010, 7, 10.	3.2	70
92	Craniofacial vertical bone augmentation: A comparison between 3D printed monolithic monetite blocks and autologous onlay grafts in the rabbit. Biomaterials, 2009, 30, 6318-6326.	11.4	128
93	Bone regeneration in rabbit calvaria with novel monetite granules. Journal of Biomedical Materials Research - Part A, 2008, 87A, 980-985.	4.0	78