

Tara L Aghaloo

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

81
papers

4,206
citations

29
h-index

64
g-index

89
ext. papers

5,219
ext. citations

5.7
avg, IF

5.56
L-index

#	Paper	IF	Citations
81	The ERK1/2-MAPK signaling pathway regulates osteogenic differentiation in human mesenchymal stem cells.. <i>Bone Research</i> , 2022 , 10, 3	13.3	3
80	Immunomodulatory Microneedle Patch for Periodontal Tissue Regeneration.. <i>Matter</i> , 2022 , 5, 666-682	12.7	4
79	American Association of Oral and Maxillofacial Surgeons Position Paper on Medication-Related Osteonecrosis of the Jaw-2022 Update.. <i>Journal of Oral and Maxillofacial Surgery</i> , 2022 ,	1.8	21
78	Local RANKL delivery improves socket healing in bisphosphonate treated rats. <i>Bone</i> , 2021 , 148, 115945	4.7	1
77	Trb3 controls mesenchymal stem cell lineage fate and enhances bone regeneration by scaffold-mediated local gene delivery. <i>Biomaterials</i> , 2021 , 264, 120445	15.6	13
76	Enhanced Osteoinductivity of Demineralized Bone Matrix with Noggin Suppression in Polymer Matrix. <i>Advanced Biology</i> , 2021 , 5, e202000135		1
75	Management of odontogenic sinusitis: multidisciplinary consensus statement. <i>International Forum of Allergy and Rhinology</i> , 2020 , 10, 901-912	6.3	19
74	An engineered cell-laden adhesive hydrogel promotes craniofacial bone tissue regeneration in rats. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	79
73	Smoothed agonist sterosome immobilized hybrid scaffold for bone regeneration. <i>Science Advances</i> , 2020 , 6, eaaz7822	14.3	19
72	Inspired by nature: facile design of nanoclay-organic hydrogel bone sealant with multifunctional properties for robust bone regeneration. <i>Advanced Functional Materials</i> , 2020 , 30, 2003717	15.6	28
71	Generation of Small RNA-Modulated Exosome Mimetics for Bone Regeneration. <i>ACS Nano</i> , 2020 , 14, 11973-11984	16.7	40
70	Hierarchically Patterned Polydopamine-Containing Membranes for Periodontal Tissue Engineering. <i>ACS Nano</i> , 2019 , 13, 3830-3838	16.7	52
69	Biomimetic Enhancement of Bone Graft Reconstruction. <i>Oral and Maxillofacial Surgery Clinics of North America</i> , 2019 , 31, 193-205	3.4	5
68	Vasculature submucosal changes at early stages of osteonecrosis of the jaw (ONJ). <i>Bone</i> , 2019 , 123, 234-245	4.7	14
67	Medication related osteonecrosis of the jaw in osteoporotic oncologic patients-quantifying radiographic appearance and relationship to clinical findings. <i>Dentomaxillofacial Radiology</i> , 2019 , 48, 20180128	3.9	13
66	Development of Medication-Related Osteonecrosis of the Jaw After Extraction of Teeth With Experimental Periapical Disease. <i>Journal of Oral and Maxillofacial Surgery</i> , 2019 , 77, 71-86	1.8	13
65	Risk factors in bone augmentation procedures. <i>Periodontology 2000</i> , 2019 , 81, 76-90	12.9	13

64	Clinically Relevant Doses of Sclerostin Antibody Do Not Induce Osteonecrosis of the Jaw (ONJ) in Rats with Experimental Periodontitis. <i>Journal of Bone and Mineral Research</i> , 2019 , 34, 171-181	6.3	15
63	Tissue Regeneration: A Multifunctional Polymeric Periodontal Membrane with Osteogenic and Antibacterial Characteristics (Adv. Funct. Mater. 3/2018). <i>Advanced Functional Materials</i> , 2018 , 28, 1870021	15.6	4
62	Scaffold-Assisted Artificial Hair Implantation in a Rat Model. <i>JAMA Facial Plastic Surgery</i> , 2018 , 20, 230-237	3.7	0
61	Does CBCT alter the diagnostic thinking efficacy, management and prognosis of patients with suspected Stage 0 medication-related osteonecrosis of the jaws?. <i>Dentomaxillofacial Radiology</i> , 2018 , 47, 20170290	3.9	7
60	Pathophysiology of Anti-resorptive Medication-related Osteonecrosis. <i>FASEB Journal</i> , 2018 , 32, 365.3	0.9	
59	A Multifunctional Polymeric Periodontal Membrane with Osteogenic and Antibacterial Characteristics. <i>Advanced Functional Materials</i> , 2018 , 28, 1703437	15.6	111
58	Chitosan-Lysozyme Conjugates for Enzyme-Triggered Hydrogel Degradation in Tissue Engineering Applications. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 41138-41145	9.5	51
57	Osteonecrosis of the Jaw 2018 , 927-932		
56	Group 2 ITI Consensus Report: Prosthodontics and implant dentistry. <i>Clinical Oral Implants Research</i> , 2018 , 29 Suppl 16, 215-223	4.8	45
55	Number of implants placed for complete-arch fixed prostheses: A systematic review and meta-analysis. <i>Clinical Oral Implants Research</i> , 2018 , 29 Suppl 16, 154-183	4.8	21
54	Radiographic predictors of bone exposure in patients with stage 0 medication-related osteonecrosis of the jaws. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2018 , 126, 537-544	2.5	19
53	Nonsurgical Management of Medication-Related Osteonecrosis of the Jaws Using Local Wound Care. <i>Journal of Oral and Maxillofacial Surgery</i> , 2018 , 76, 2332-2339	1.8	13
52	Basic Principles of Bioengineering and Regeneration. <i>Oral and Maxillofacial Surgery Clinics of North America</i> , 2017 , 29, 1-7	3.4	13
51	Simultaneous delivery of hydrophobic small molecules and siRNA using Sterosomes to direct mesenchymal stem cell differentiation for bone repair. <i>Acta Biomaterialia</i> , 2017 , 58, 214-224	10.8	28
50	Dental and orofacial mesenchymal stem cells in craniofacial regeneration: The prosthodontist's point of view. <i>Journal of Prosthetic Dentistry</i> , 2017 , 118, 455-461	4	18
49	Controversies in Implant Surgery. <i>Oral and Maxillofacial Surgery Clinics of North America</i> , 2017 , 29, 525-535	3.4	6
48	Inhibition of EZH2 Promotes Human Embryonic Stem Cell Differentiation into Mesoderm by Reducing H3K27me3. <i>Stem Cell Reports</i> , 2017 , 9, 752-761	8	21
47	Alginate/hyaluronic acid hydrogel delivery system characteristics regulate the differentiation of periodontal ligament stem cells toward chondrogenic lineage. <i>Journal of Materials Science: Materials in Medicine</i> , 2017 , 28, 162	4.5	35

46	Small molecule-mediated tribbles homolog 3 promotes bone formation induced by bone morphogenetic protein-2. <i>Scientific Reports</i> , 2017 , 7, 7518	4.9	10
45	Design and Characterization of a Therapeutic Non-phospholipid Liposomal Nanocarrier with Osteoinductive Characteristics To Promote Bone Formation. <i>ACS Nano</i> , 2017 , 11, 8055-8063	16.7	25
44	Regulation of the fate of dental-derived mesenchymal stem cells using engineered alginate-GelMA hydrogels. <i>Journal of Biomedical Materials Research - Part A</i> , 2017 , 105, 2957-2967	5.4	28
43	Enhanced Mandibular Bone Repair by Combined Treatment of Bone Morphogenetic Protein 2 and Small-Molecule Phenamil. <i>Tissue Engineering - Part A</i> , 2017 , 23, 195-207	3.9	15
42	Is Hyaluronic Acid or Corticosteroid Superior to Lactated Ringer Solution in the Short Term for Improving Function and Quality of Life After Arthrocentesis? Part 2. <i>Journal of Oral and Maxillofacial Surgery</i> , 2017 , 75, 63-72	1.8	16
41	Osteonecrosis of the Jaw in the Absence of Antiresorptive or Antiangiogenic Exposure: A Series of 6 Cases. <i>Journal of Oral and Maxillofacial Surgery</i> , 2017 , 75, 129-142	1.8	34
40	Is Hyaluronic Acid or Corticosteroid Superior to Lactated Ringer Solution in the Short-Term Reduction of Temporomandibular Joint Pain After Arthrocentesis? Part 1. <i>Journal of Oral and Maxillofacial Surgery</i> , 2017 , 75, 52-62	1.8	23
39	Non-invasive terahertz imaging of tissue water content for flap viability assessment. <i>Biomedical Optics Express</i> , 2017 , 8, 460-474	3.5	29
38	Photocrosslinkable chitosan hydrogels functionalized with the RGD peptide and phosphoserine to enhance osteogenesis. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 5289-5298	7.3	49
37	Fibromodulin reprogrammed cells: A novel cell source for bone regeneration. <i>Biomaterials</i> , 2016 , 83, 194-206	15.6	21
36	Enhanced Osteogenesis of Adipose-Derived Stem Cells by Regulating Bone Morphogenetic Protein Signaling Antagonists and Agonists. <i>Stem Cells Translational Medicine</i> , 2016 , 5, 539-51	6.9	30
35	The Predictive Value of Resonance Frequency Analysis Measurements in the Surgical Placement and Loading of Endosseous Implants. <i>Journal of Oral and Maxillofacial Surgery</i> , 2016 , 74, 1145-52	1.8	22
34	Osteonecrosis of the jaws (ONJ) in mice after extraction of teeth with periradicular disease. <i>Bone</i> , 2016 , 90, 133-41	4.7	42
33	Rheumatoid Arthritis Exacerbates the Severity of Osteonecrosis of the Jaws (ONJ) in Mice. A Randomized, Prospective, Controlled Animal Study. <i>Journal of Bone and Mineral Research</i> , 2016 , 31, 1596-607	6.2	23
32	Effect of length, diameter, intraoral location on implant stability. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2016 , 122, e193-e198	2	10
31	Sinus membrane perforations and the incidence of complications: a retrospective study from a residency program. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2015 , 120, 10-4	2	13
30	Pathophysiology of Osteonecrosis of the Jaws. <i>Oral and Maxillofacial Surgery Clinics of North America</i> , 2015 , 27, 489-96	3.4	69
29	Delivery of siRNA via cationic Sterosomes to enhance osteogenic differentiation of mesenchymal stem cells. <i>Journal of Controlled Release</i> , 2015 , 217, 42-52	11.7	49

28	Mechanical versus biological stability of immediate and delayed implant placement using resonance frequency analysis. <i>Journal of Oral and Maxillofacial Surgery</i> , 2015 , 73, 253-7	1.8	14
27	Biomimetic scaffolds facilitate healing of critical-sized segmental mandibular defects. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2015 , 36, 1-6	2.8	20
26	OPG-Fc but Not Zoledronic Acid Discontinuation Reverses Osteonecrosis of the Jaws (ONJ) in Mice. <i>Journal of Bone and Mineral Research</i> , 2015 , 30, 1627-40	6.3	52
25	Delivery of Phenamil Enhances BMP-2-Induced Osteogenic Differentiation of Adipose-Derived Stem Cells and Bone Formation in Calvarial Defects. <i>Tissue Engineering - Part A</i> , 2015 , 21, 2053-65	3.9	38
24	Resonance Frequency Analysis of Sinus Augmentation by Osteotome Sinus Floor Elevation and Lateral Window Technique. <i>Journal of Oral and Maxillofacial Surgery</i> , 2015 , 73, 1920-5	1.8	8
23	American Association of Oral and Maxillofacial Surgeons position paper on medication-related osteonecrosis of the jaw--2014 update. <i>Journal of Oral and Maxillofacial Surgery</i> , 2014 , 72, 1938-56	1.8	1448
22	RANKL inhibitors induce osteonecrosis of the jaw in mice with periapical disease. <i>Journal of Bone and Mineral Research</i> , 2014 , 29, 843-54	6.3	64
21	Bisphosphonate uptake in areas of tooth extraction or periapical disease. <i>Journal of Oral and Maxillofacial Surgery</i> , 2014 , 72, 2461-8	1.8	20
20	Adipose-derived stem cells and BMP-2 delivery in chitosan-based 3D constructs to enhance bone regeneration in a rat mandibular defect model. <i>Tissue Engineering - Part A</i> , 2014 , 20, 2169-79	3.9	48
19	Diverse osteoclastogenesis of bone marrow from mandible versus long bone. <i>Journal of Periodontology</i> , 2014 , 85, 829-36	4.6	20
18	Stage 0 osteonecrosis of the jaw in a patient on denosumab. <i>Journal of Oral and Maxillofacial Surgery</i> , 2014 , 72, 702-16	1.8	24
17	Development of oral osteomucosal tissue constructs in vitro and localization of fluorescently-labeled bisphosphonates to hard and soft tissue. <i>International Journal of Molecular Medicine</i> , 2014 , 34, 559-63	4.4	17
16	Defining the critical-sized defect in a rat segmental mandibulectomy model. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2014 , 140, 58-65	3.9	8
15	Spontaneous osteonecrosis of the jaws in the maxilla of mice on antiresorptive treatment: a novel ONJ mouse model. <i>Bone</i> , 2014 , 68, 11-9	4.7	50
14	Promoting volunteerism in global health: lessons from a medical mission in northern Mexico. <i>Journal of Community Health</i> , 2013 , 38, 374-84	4	25
13	Bone morphogenetic protein-2-impregnated biomimetic scaffolds successfully induce bone healing in a marginal mandibular defect. <i>Laryngoscope</i> , 2013 , 123, 1149-55	3.6	15
12	Periapical disease and bisphosphonates induce osteonecrosis of the jaws in mice. <i>Journal of Bone and Mineral Research</i> , 2013 , 28, 1631-40	6.3	79
11	Periodontal disease and bisphosphonates induce osteonecrosis of the jaws in the rat. <i>Journal of Bone and Mineral Research</i> , 2011 , 26, 1871-82	6.3	154

10	The effect of NELL1 and bone morphogenetic protein-2 on calvarial bone regeneration. <i>Journal of Oral and Maxillofacial Surgery</i> , 2010 , 68, 300-8	1.8	42
9	Osteonecrosis of the jaw in a patient on Denosumab. <i>Journal of Oral and Maxillofacial Surgery</i> , 2010 , 68, 959-63	1.8	191
8	Which hard tissue augmentation techniques are the most successful in furnishing bony support for implant placement?. <i>International Journal of Oral and Maxillofacial Implants</i> , 2007 , 22 Suppl, 49-70	2.8	118
7	Nell-1-induced bone regeneration in calvarial defects. <i>American Journal of Pathology</i> , 2006 , 169, 903-15	5.8	98
6	Parathyroid hormone induces mitogen-activated kinase phosphatase 1 in murine osteoblasts primarily through cAMP-protein kinase A signaling. <i>Journal of Periodontology</i> , 2006 , 77, 21-30	4.6	12
5	Immunohistochemical analysis of cortical and cancellous bone after radiation and the effect of platelet-rich plasma on autogenous bone grafting. <i>International Journal of Oral and Maxillofacial Implants</i> , 2006 , 21, 535-42	2.8	6
4	Evaluation of platelet-rich plasma in combination with freeze-dried bone in the rabbit cranium. A pilot study. <i>Clinical Oral Implants Research</i> , 2005 , 16, 250-7	4.8	62
3	Growth factors in implant site development. <i>Oral and Maxillofacial Surgery Clinics of North America</i> , 2004 , 16, 111-25, vii	3.4	1
2	Evaluation of platelet-rich plasma in combination with anorganic bovine bone in the rabbit cranium: a pilot study. <i>International Journal of Oral and Maxillofacial Implants</i> , 2004 , 19, 59-65	2.8	68
1	Investigation of platelet-rich plasma in rabbit cranial defects: A pilot study. <i>Journal of Oral and Maxillofacial Surgery</i> , 2002 , 60, 1176-81	1.8	241