

Miguel Padiál-Molina

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

1,716
citations

236833

25
h-index

302012

39
g-index

60
all docs

60
docs citations

60
times ranked

2241
citing authors

#	ARTICLE	IF	CITATIONS
1	Tissue engineering bone-ligament complexes using fiber-guiding scaffolds. <i>Biomaterials</i> , 2012, 33, 137-145.	5.7	207
2	Image-Based, Fiber Guiding Scaffolds: A Platform for Regenerating Tissue Interfaces. <i>Tissue Engineering - Part C: Methods</i> , 2014, 20, 533-542.	1.1	96
3	Role of wettability and nanoroughness on interactions between osteoblast and modified silicon surfaces. <i>Acta Biomaterialia</i> , 2011, 7, 771-778.	4.1	92
4	Bone Engineering of Maxillary Sinus Bone Deficiencies Using Enriched CD90+ Stem Cell Therapy: A Randomized Clinical Trial. <i>Journal of Bone and Mineral Research</i> , 2015, 30, 1206-1216.	3.1	76
5	Generalized Aggressive Periodontitis as a Risk Factor for Dental Implant Failure: A Systematic Review and Meta-Analysis. <i>Journal of Periodontology</i> , 2014, 85, 1398-1407.	1.7	65
6	Bone Regeneration from PLGA Micro-Nanoparticles. <i>BioMed Research International</i> , 2015, 2015, 1-18.	0.9	60
7	Complications associated with implant migration into the maxillary sinus cavity. <i>Clinical Oral Implants Research</i> , 2012, 23, 1152-1160.	1.9	55
8	Clinical Application of Mesenchymal Stem Cells and Novel Supportive Therapies for Oral Bone Regeneration. <i>BioMed Research International</i> , 2015, 2015, 1-16.	0.9	55
9	Periostin increases migration and proliferation of human periodontal ligament fibroblasts challenged by tumor necrosis factor α and <i>Porphyromonas gingivalis</i> lipopolysaccharides. <i>Journal of Periodontal Research</i> , 2014, 49, 405-414.	1.4	51
10	Maxillary Sinus Dimensions Decrease as Age and Tooth Loss Increase. <i>Implant Dentistry</i> , 2017, 26, 288-295.	1.7	48
11	Periostin Responds to Mechanical Stress and Tension by Activating the MTOR Signaling Pathway. <i>PLoS ONE</i> , 2013, 8, e83580.	1.1	46
12	Effect of anorganic bovine bone to autogenous cortical bone ratio upon bone remodeling patterns following maxillary sinus augmentation. <i>Clinical Oral Implants Research</i> , 2011, 22, 857-864.	1.9	45
13	Biologic Agents for Periodontal Regeneration and Implant Site Development. <i>BioMed Research International</i> , 2015, 2015, 1-10.	0.9	45
14	Tumor Necrosis Factor α and <i>Porphyromonas gingivalis</i> Lipopolysaccharides Decrease Periostin in Human Periodontal Ligament Fibroblasts. <i>Journal of Periodontology</i> , 2013, 84, 694-703.	1.7	43
15	Microbial Profiles and Detection Techniques in Peri-Implant Diseases: a Systematic Review. <i>Journal of Oral & Maxillofacial Research</i> , 2016, 7, e10.	0.3	43
16	Periostin is Down-regulated during Periodontal Inflammation. <i>Journal of Dental Research</i> , 2012, 91, 1078-1084.	2.5	42
17	Guidelines for the Diagnosis and Treatment of Peri-implant Diseases. <i>International Journal of Periodontics and Restorative Dentistry</i> , 2014, 34, e102-e111.	0.4	40
18	Implants for Orthodontic Anchorage. <i>Implant Dentistry</i> , 2014, 23, 155-161.	1.7	37

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19	Optimal microvessel density from composite graft of autogenous maxillary cortical bone and anorganic bovine bone in sinus augmentation: influence of clinical variables. <i>Clinical Oral Implants Research</i> , 2010, 21, 221-227.	1.9	35
20	Histopathological comparison of healing after maxillary sinus augmentation using xenograft mixed with autogenous bone versus allograft mixed with autogenous bone. <i>Clinical Oral Implants Research</i> , 2018, 29, 192-201.	1.9	32
21	Standardized in vivo model for studying novel regenerative approaches for multitissue bone-ligament interfaces. <i>Nature Protocols</i> , 2015, 10, 1038-1049.	5.5	31
22	Preliminary insight into the periostin leverage during periodontal tissue healing. <i>Journal of Clinical Periodontology</i> , 2015, 42, 764-772.	2.3	30
23	Methods to Validate Tooth-Supporting Regenerative Therapies. <i>Methods in Molecular Biology</i> , 2012, 887, 135-148.	0.4	29
24	Clinical and radiographic evaluation of early loaded narrow diameter implants: 5-year follow-up of a multicenter prospective clinical study. <i>Clinical Oral Implants Research</i> , 2017, 28, 1584-1591.	1.9	27
25	Maxillary Sinus Dimensions With Respect to the Posterior Superior Alveolar Artery Decrease With Tooth Loss. <i>Implant Dentistry</i> , 2016, 25, 464-470.	1.7	26
26	Dental Implant Migration in Grafted Maxillary Sinus. <i>Implant Dentistry</i> , 2011, 20, 400-405.	1.7	25
27	Inferior alveolar nerve trajectory, mental foramen location and incidence of mental nerve anterior loop. <i>Medicina Oral, Patología Oral Y Cirugía Bucal</i> , 2017, 22, 0-0.	0.7	22
28	Preterm birth and/or low birth weight are associated with periodontal disease and the increased placental immunohistochemical expression of inflammatory markers. <i>Histology and Histopathology</i> , 2016, 31, 231-7.	0.5	22
29	The impact of tooth loss on cognitive function. <i>Clinical Oral Investigations</i> , 2022, 26, 3493-3500.	1.4	21
30	Early marginal bone loss around dental implants to define success in implant dentistry: A retrospective study. <i>Clinical Implant Dentistry and Related Research</i> , 2022, 24, 630-642.	1.6	21
31	Predictive Factors for Maxillary Sinus Augmentation Outcomes. <i>Implant Dentistry</i> , 2012, 21, 433-440.	1.7	20
32	Oral health and healthy chewing for healthy cognitive ageing: A comprehensive narrative review. <i>Gerodontology</i> , 2021, 38, 126-135.	0.8	19
33	Formulation, Colloidal Characterization, and In Vitro Biological Effect of BMP-2 Loaded PLGA Nanoparticles for Bone Regeneration. <i>Pharmaceutics</i> , 2019, 11, 388.	2.0	17
34	Biphasic hydroxyapatite and β -tricalcium phosphate biomaterial behavior in a case series of maxillary sinus augmentation in humans. <i>Clinical Oral Implants Research</i> , 2019, 30, 336-343.	1.9	16
35	Sinus floor elevation using particulate PLGA-coated biphasic calcium phosphate bone graft substitutes: A prospective histological and radiological study. <i>Clinical Implant Dentistry and Related Research</i> , 2019, 21, 895-902.	1.6	13
36	Extraction Socket Preservation Using Growth Factors and Stem Cells: a Systematic Review. <i>Journal of Oral & Maxillofacial Research</i> , 2019, 10, e7.	0.3	13

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37	Stem Cells, Scaffolds and Gene Therapy for Periodontal Engineering. <i>Current Oral Health Reports</i> , 2014, 1, 16-25.	0.5	12
38	The expression of periostin in dental pulp cells. <i>Archives of Oral Biology</i> , 2015, 60, 760-767.	0.8	12
39	Algae-derived hydroxyapatite behavior as bone biomaterial in comparison with anorganic bovine bone: A split-mouth clinical, radiological, and histologic randomized study in humans. <i>Clinical Oral Implants Research</i> , 2020, 31, 536-548.	1.9	12
40	Maxillary sinus floor augmentation comparing bovine versus porcine bone xenografts mixed with autogenous bone graft. A split-mouth randomized controlled trial. <i>Clinical Oral Implants Research</i> , 2022, 33, 524-536.	1.9	12
41	Osteoarticular Expression of Musashi-1 in an Experimental Model of Arthritis. <i>BioMed Research International</i> , 2015, 2015, 1-9.	0.9	9
42	The influence of the distance between narrow implants and the adjacent teeth on marginal bone levels. <i>Clinical Oral Implants Research</i> , 2017, 28, 704-712.	1.9	9
43	Dual delivery nanosystem for biomolecules. Formulation, characterization, and in vitro release. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 159, 586-595.	2.5	9
44	Expression of Musashi-1 During Osteogenic Differentiation of Oral MSC: An In Vitro Study. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2171.	1.8	9
45	Increased Expression of Musashi-1 Evidences Mesenchymal Repair in Maxillary Sinus Floor Elevation. <i>Scientific Reports</i> , 2018, 8, 12243.	1.6	8
46	Marginal Bone Loss around Implants with Internal Hexagonal and Internal Conical Connections: A 12-Month Randomized Pilot Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 5427.	1.0	8
47	Does experienced pain affects local brain volumes? Insights from a clinical acute pain model. <i>International Journal of Clinical and Health Psychology</i> , 2019, 19, 115-123.	2.7	7
48	Composite Alloplastic Biomaterial vs. Autologous Platelet-Rich Fibrin in Ridge Preservation. <i>Journal of Clinical Medicine</i> , 2019, 8, 223.	1.0	7
49	The 1st Baltic Osseointegration Academy and Lithuanian University of Health Sciences Consensus Conference 2016. Summary and Consensus Statements: Group II - Peri-Implantitis Diagnostics and Decision Tree. <i>Journal of Oral & Maxillofacial Research</i> , 2016, 7, e11.	0.3	6
50	Characteristics of Particles and Debris Released after Implantoplasty: A Comparative Study. <i>Materials</i> , 2022, 15, 602.	1.3	6
51	The 2nd Baltic Osseointegration Academy and Lithuanian University of Health Sciences Consensus Conference 2019. Summary and Consensus Statements: Group II - Extraction Socket Preservation Methods and Dental Implant Placement Outcomes within Grafted Sockets. <i>Journal of Oral & Maxillofacial Research</i> , 2019, 10, e9.	0.3	5
52	Multifocal oral melanoacanthoma and melanotic macula in a patient after dental implant surgery. <i>Journal of the American Dental Association</i> , 2011, 142, 817-824.	0.7	4
53	Computer-guided implant surgery and immediate loading with a modifiable radiographic template in a patient with partial edentulism: A clinical report. <i>Journal of Prosthetic Dentistry</i> , 2015, 114, 328-334.	1.1	4
54	On the Relationship Between White Matter Structure and Subjective Pain. Lessons From an Acute Surgical Pain Model. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 558703.	1.0	4

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55	Expression of Musashi-1 Increases in Bone Healing. International Journal of Molecular Sciences, 2021, 22, 3395.	1.8	3
56	Crestal bone changes around early vs. conventionally loaded implants with a multi- α -phosphonate coated surface: A randomized pilot clinical trial. Clinical Oral Implants Research, 2021, 32, 75-87.	1.9	2
57	Reducing Distortion of Implant- or Abutment-Level Impressions for Implant-Supported Prosthetic Rehabilitation: A Technique Report. International Journal of Periodontics and Restorative Dentistry, 2015, 35, e84-e89.	0.4	0