

# Maria Cristina Manzanares-Cspedes

## 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.

82

papers

1,383

citations

18

h-index

35

g-index

105

ext. papers

1,885

ext. citations

3.4

avg, IF

4.88

L-index

#	Paper	IF	Citations
82	On-Growth and In-Growth Osseointegration Enhancement in PM Porous Ti-Scaffolds by Two Different Bioactivation Strategies: Alkali Thermochemical Treatment and RGD Peptide Coating.. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	6.3	1
81	Porous Zirconia Blocks for Bone Repair: An Integrative Review on Biological and Mechanical Outcomes. <i>Ceramics</i> , <b>2022</b> , 5, 161-172	1.7	2
80	3D printing with star-shaped strands: A new approach to enhance in vivo bone regeneration <b>2022</b> , 212807		0
79	Histomorphometric Analysis of Osseointegrated Grade V Titanium Mini Transitional Implants in Edentulous Mandible by Backscattered Scanning Electron Microscopy (BS-SEM). <i>Metals</i> , <b>2021</b> , 11, 2	2.3	0
78	Perioral Aerosol Sequestration Suction Device Effectively Reduces Biological Cross-Contamination in Dental Procedures. <i>European Journal of Dentistry</i> , <b>2021</b> , 15, 340-346	2.6	0
77	Computed tomography and histological evaluation of xenogenic and biomimetic bone grafts in three-wall alveolar defects in minipigs. <i>Clinical Oral Investigations</i> , <b>2021</b> , 25, 6695-6706	4.2	0
76	Correction Power of Percutaneous Adductor Tendon Release (PATR) for the Treatment of Hallux Valgus: A Cadaveric Study. <i>Journal of Foot and Ankle Surgery</i> , <b>2021</b> , 60, 1103-1109	1.6	1
75	Comparison of the Masticatory Force (with 3D Models) of Complete Denture Base Acrylic Resins with Reline and Reinforcing Materials. <i>Materials</i> , <b>2021</b> , 14,	3.5	1
74	O-HEALTH-EDU: A scoping review on the reporting of oral health professional education in Europe. <i>European Journal of Dental Education</i> , <b>2021</b> , 25, 56-77	2.5	2
73	Body Donation, Teaching, and Research in Dissection Rooms in Spain in Times of Covid-19. <i>Anatomical Sciences Education</i> , <b>2021</b> , 14, 562-571	6.8	3
72	Hydrothermal processing of 3D-printed calcium phosphate scaffolds enhances bone formation in vivo: a comparison with biomimetic treatment. <i>Acta Biomaterialia</i> , <b>2021</b> , 135, 671-688	10.8	2
71	Application of an enhanced homogenization technique to the structural multiscale analysis of a femur bone. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , <b>2020</b> , 23, 868-878	2.1	1
70	COVID-19: The immediate response of european academic dental institutions and future implications for dental education. <i>European Journal of Dental Education</i> , <b>2020</b> , 24, 811-814	2.5	65
69	A core curriculum in the biological and biomedical sciences for dentistry. <i>European Journal of Dental Education</i> , <b>2020</b> , 24, 433-441	2.5	5
68	Effect of Allogeneic Cell-Based Tissue-Engineered Treatments in a Sheep Osteonecrosis Model. <i>Tissue Engineering - Part A</i> , <b>2020</b> , 26, 993-1004	3.9	7
67	Relation between muscle architecture and first metacarpal morphology, and its implications for human hand evolution. <i>HOMO- Journal of Comparative Human Biology</i> , <b>2020</b> , 71, 101-109	0.5	1
66	Successful pulp revascularization of an autotransplanted mature premolar with fragile fracture apicoectomy and plasma rich in growth factors: a 3-year follow-up. <i>International Endodontic Journal</i> , <b>2020</b> , 53, 421-433	5.4	5

65	The lateral ankle ligaments are interconnected: the medial connecting fibres between the anterior talofibular, calcaneofibular and posterior talofibular ligaments. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , <b>2020</b> , 28, 34-39	5.5	17
64	Is oral health affected in long period space missions only by microgravity? A systematic review. <i>Acta Astronautica</i> , <b>2020</b> , 167, 343-350	2.9	1
63	The anterior tibiofibular ligament has a constant distal fascicle that contacts the anterolateral part of the talus. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , <b>2020</b> , 28, 48-54	5.5	6
62	The lateral fibulotalocalcaneal ligament complex: an ankle stabilizing isometric structure. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , <b>2020</b> , 28, 8-17	5.5	51
61	Immediate Small-Diameter Implants as Abutments for an Overdenture in the Edentulous Atrophic Mandible: Report of Immersion Endoscopic Bone in vivo , and Histologic Bone-Implant Evaluation After 6 Months of Function. <i>International Journal of Morphology</i> , <b>2019</b> , 37, 452-458	0.5	
60	Biofunctionalization with a TGFβ1 Inhibitor Peptide in the Osseointegration of Synthetic Bone Grafts: An In Vivo Study in Beagle Dogs. <i>Materials</i> , <b>2019</b> , 12,	3.5	4
59	Percutaneous, Intra-articular, Chevron Osteotomy (PeICO) for the Treatment of Hallux Valgus: A Cadaveric Study. <i>Foot and Ankle International</i> , <b>2019</b> , 40, 586-595	3.3	13
58	Multicenter study of patients' preferences and concerns regarding the origin of bone grafts utilized in dentistry. <i>Patient Preference and Adherence</i> , <b>2019</b> , 13, 179-185	2.4	8
57	Impact of Biomimicry in the Design of Osteoinductive Bone Substitutes: Nanoscale Matters. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 8818-8830	9.5	25
56	A multiscale homogenization procedure combining the fabric tensor with a natural neighbour meshless method. <i>Engineering Analysis With Boundary Elements</i> , <b>2019</b> , 100, 211-224	2.6	4
55	A Regenerative Endodontic Approach in Mature Ferret Teeth Using Rodent Preameloblast-conditioned Medium. <i>In Vivo</i> , <b>2019</b> , 33, 1143-1150	2.3	1
54	Elements of morphology: Standard terminology for the teeth and classifying genetic dental disorders. <i>American Journal of Medical Genetics, Part A</i> , <b>2019</b> , 179, 1913-1981	2.5	10
53	Vascularized Periosteal Flaps Accelerate Osteointegration and Revascularization of Allografts in Rats. <i>Clinical Orthopaedics and Related Research</i> , <b>2019</b> , 477, 741-755	2.2	16
52	Minimally invasive surgery for hallux valgus: a systematic review of current surgical techniques. <i>International Orthopaedics</i> , <b>2019</b> , 43, 625-637	3.8	55
51	In vivo efficiency of antimicrobial inorganic bone grafts in osteomyelitis treatments. <i>Materials Science and Engineering C</i> , <b>2019</b> , 97, 84-95	8.3	11
50	Combining radial point interpolation meshless method with a new homogenization technique for trabecular bone multiscale structural analyses. <i>Acta of Bioengineering and Biomechanics</i> , <b>2019</b> , 21, 101-113 <sup>0.6</sup>		
49	Anatomical considerations for minimally invasive osteotomy of the fifth metatarsal for bunionette correction - A pilot study. <i>Foot</i> , <b>2018</b> , 36, 39-42	1.3	5
48	Increasing the safety of minimally invasive hallux surgery-An anatomical study introducing the clock method. <i>Foot and Ankle Surgery</i> , <b>2018</b> , 24, 40-44	3.1	15

47	X-shaped inferior extensor retinaculum and its doubtful use in the Bråstrom-Gould procedure. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , <b>2018</b> , 26, 2171-2176	5.5	21
46	Chronic periodontitis, inflammatory cytokines, and interrelationship with other chronic diseases. <i>Postgraduate Medicine</i> , <b>2018</b> , 130, 98-104	3.7	166
45	A multiscale homogenization procedure using the fabric tensor concept. <i>Science and Technology of Materials</i> , <b>2018</b> , 30, 27-34		1
44	A sample of non-nutritive sucking habits (pacifier and digit) in portuguese children and its relation with the molar classes of angle. <i>Journal of Clinical and Experimental Dentistry</i> , <b>2018</b> , 10, e1161-e1166	1.4	
43	Characterization of a Bipartite Medial Cuneiform: Micro-CT and Anatomical Study. <i>International Journal of Morphology</i> , <b>2018</b> , 36, 1372-1377	0.5	
42	Osteogenesis by foamed and 3D-printed nanostructured calcium phosphate scaffolds: Effect of pore architecture. <i>Acta Biomaterialia</i> , <b>2018</b> , 79, 135-147	10.8	52
41	Subungual Exostosis. <i>Journal of the American Podiatric Medical Association</i> , <b>2018</b> , 108, 320-333	1	3
40	Determination of forces on a split palatal screw after rapid maxillary expansion. <i>Journal of Orofacial Orthopedics</i> , <b>2017</b> , 78, 371-384	2.9	
39	Vascular Structures of the Lateral Wall of the Maxillary Sinus: A Vascular Labeling Technique. <i>Implant Dentistry</i> , <b>2017</b> , 26, 153-157	2.4	4
38	External Cervical Resorption: A New Oral Manifestation of Systemic Sclerosis. <i>Journal of Endodontics</i> , <b>2017</b> , 43, 1740-1743	4.7	11
37	Vascular labeling of the head and neck vessels: Technique, advantages and limitations. <i>Journal of Clinical and Experimental Dentistry</i> , <b>2017</b> , 9, e682-e687	1.4	3
36	Histological differences in the adherence of connective tissue to laser-treated abutments and standard abutments for dental implants. An experimental pilot study in humans. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , <b>2017</b> , 22, e774-e779	2.6	4
35	Osteoinduction by Foamed and 3D-Printed Calcium Phosphate Scaffolds: Effect of Nanostructure and Pore Architecture. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 41722-41736	9.5	104
34	Enlargement of the apical foramen of mature teeth by instrumentation and apicoectomy. A study of effectiveness and the formation of dentinal cracks. <i>Acta Odontologica Scandinavica</i> , <b>2017</b> , 75, 488-495 <sup>2.2</sup>		4
33	Use of Platelet-rich Plasma in Endodontic Procedures in Adults: Regeneration or Repair? A Report of 3 Cases with 5 Years of Follow-up. <i>Journal of Endodontics</i> , <b>2017</b> , 43, 1294-1301	4.7	20
32	The Graduating European Dentist-Domain III: Patient-Centred Care. <i>European Journal of Dental Education</i> , <b>2017</b> , 21 Suppl 1, 18-24	2.5	14
31	The Graduating European Dentist: Contemporaneous Methods of Teaching, Learning and Assessment in Dental Undergraduate Education. <i>European Journal of Dental Education</i> , <b>2017</b> , 21 Suppl 1, 28-35	2.5	19
30	The Graduating European Dentist-Domain II: Safe and Effective Clinical Practice. <i>European Journal of Dental Education</i> , <b>2017</b> , 21 Suppl 1, 14-17	2.5	10

29	Evaluation of bone loss in antibacterial coated dental implants: An experimental study in dogs. <i>Materials Science and Engineering C</i> , <b>2016</b> , 69, 538-45	8.3	32
28	Mesenchymal Stem Cells Within Gelatin/CaSO <sub>4</sub> Scaffolds Treated Ex Vivo with Low Doses of BMP-2 and Wnt3a Increase Bone Regeneration. <i>Tissue Engineering - Part A</i> , <b>2016</b> , 22, 41-52	3.9	13
27	Claudin-16 Deficiency Impairs Tight Junction Function in Ameloblasts, Leading to Abnormal Enamel Formation. <i>Journal of Bone and Mineral Research</i> , <b>2016</b> , 31, 498-513	6.3	36
26	Novel use of cranial epidural space in rabbits as an animal model to investigate bone volume augmentation potential of different bone graft substitutes. <i>Head &amp; Face Medicine</i> , <b>2016</b> , 12, 35	2.4	6
25	Anatomy of the ankle ligaments: a pictorial essay. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , <b>2016</b> , 24, 944-56	5.5	77
24	In Vivo Osteogenic Potential of Biomimetic Hydroxyapatite/Collagen Microspheres: Comparison with Injectable Cement Pastes. <i>PLoS ONE</i> , <b>2015</b> , 10, e0131188	3.7	12
23	Short-term effects of strain produced on a split palatal screw-type hyrax appliance after rapid maxillary expansion: A clinical trial. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , <b>2015</b> , 148, 990-8	2.1	1
22	Tooth movement in orthodontic treatment with low-level laser therapy: a systematic review of human and animal studies. <i>Photomedicine and Laser Surgery</i> , <b>2014</b> , 32, 302-9		26
21	A new standardized-automatic method for bone-to-implant contact histomorphometric analysis based on backscattered scanning electron microscopy images. <i>Clinical Oral Implants Research</i> , <b>2014</b> , 25, 702-6	4.8	12
20	Augmentation of intramembranous bone in rabbit calvaria using an occlusive barrier in combination with demineralized bone matrix (DBM): a pilot study. <i>International Journal of Surgery</i> , <b>2014</b> , 12, 378-83	7.5	6
19	The p38 <sup>MAPK</sup> function in osteoprecursors is required for bone formation and bone homeostasis in adult mice. <i>PLoS ONE</i> , <b>2014</b> , 9, e102032	3.7	21
18	Exclusion of PAX9 and MSX1 mutation in six families affected by tooth agenesis. A genetic study and literature review. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , <b>2014</b> , 19, e248-54	2.6	8
17	Facial Biotype and Mandibular Growth Adaptation in Maxillary Lateral Incisors Agenesis. <i>International Journal of Morphology</i> , <b>2014</b> , 32, 962-967	0.5	1
16	Raman Confocal Microscopy to study aesthetic restorative materials <b>2014</b> , 247-250		1
15	Conserved regulatory motifs in osteogenic gene promoters integrate cooperative effects of canonical Wnt and BMP pathways. <i>Journal of Bone and Mineral Research</i> , <b>2011</b> , 26, 718-29	6.3	46
14	Oral findings in Midline Syndrome: a case report and literature review. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , <b>2010</b> , 15, e579-82	2.6	1
13	An epidemiological study of dental agenesis in a primary health area in Spain: estimated prevalence and associated factors. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , <b>2010</b> , 15, e569-74	2.6	18
12	Anatomy of the ankle ligaments: a pictorial essay. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , <b>2010</b> , 18, 557-69	5.5	196

11	On-line Terminologia Anatomica: a proposal. <i>Anatomical Sciences Education</i> , <b>2010</b> , 3, 154-5	6.8	6
10	Histomorphological study of the bone regeneration capacity of platelet-rich plasma, bone marrow and tricalcium phosphate: Experimental study on pigs. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , <b>2009</b> , 14, e620-7	2.6	6
9	Experimental study of bone lengthening in dogs by means of backscattered scanning electron microscopy. <i>Veterinary Surgery</i> , <b>2009</b> , 38, 388-97	1.7	5
8	Immunohistochemical identification of TGF-beta1 at the maxillaries in growing Sprague-Dawley rats and after muscle section. <i>Archives of Oral Biology</i> , <b>2008</b> , 53, 304-9	2.8	4
7	Identification of a novel mutation in the PAX9 gene in a family affected by oligodontia and other dental anomalies. <i>European Journal of Oral Sciences</i> , <b>2007</b> , 115, 427-32	2.3	33
6	Back-scattered electron imaging of a non-vertebral case of hypervitaminosis A in a cat. <i>Journal of Feline Medicine and Surgery</i> , <b>2000</b> , 2, 49-56	2.3	10
5	Microangiographic Pattern of Bone Healing in Canine Tibial Osteotomies Treated with Type II External Fixators. <i>Veterinary and Comparative Orthopaedics and Traumatology</i> , <b>1998</b> , 11, 118-124	1.2	2
4	Backscattered Electron Imaging of the Calcified Tissues Present in Bone Healing. <i>Veterinary and Comparative Orthopaedics and Traumatology</i> , <b>1998</b> , 11, 105-111	1.2	7
3	Guided tissue regeneration in severe periodontal defects in anterior teeth. Case reports. <i>Journal of Periodontology</i> , <b>1995</b> , 66, 295-300	4.6	2
2	Calcified tissues involved in the ontogenesis of the human cranial vault. <i>Anatomy and Embryology</i> , <b>1988</b> , 178, 399-406		15
1	Biodental Engineering III		2