

# Amaury Pozos-Guillen

## List of Publications by Citations

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109  
papers

1,296  
citations

18  
h-index

33  
g-index

135  
ext. papers

1,510  
ext. citations

2.2  
avg, IF

4.38  
L-index

#	Paper	IF	Citations
109	The antimicrobial sensitivity of <i>Streptococcus mutans</i> to nanoparticles of silver, zinc oxide, and gold. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2008</b> , 4, 237-40	6	375
108	Use of therapeutic laser after surgical removal of impacted lower third molars. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2010</b> , 68, 319-24	1.8	64
107	Hemocompatibility assessment of poly(2-dimethylamino ethylmethacrylate) (PDMAEMA)-based polymers. <i>Journal of Controlled Release</i> , <b>2011</b> , 153, 269-77	11.7	63
106	Pre-emptive analgesic effect of tramadol after mandibular third molar extraction: a pilot study. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2007</b> , 65, 1315-20	1.8	45
105	Comparison between rotary and manual techniques on duration of instrumentation and obturation times in primary teeth. <i>Journal of Clinical Pediatric Dentistry</i> , <b>2011</b> , 35, 359-63	1.6	42
104	Biofilm formation by oral clinical isolates of <i>Candida</i> species. <i>Archives of Oral Biology</i> , <b>2013</b> , 58, 1318-26	2.8	37
103	Efficacy of EMD versus calcium hydroxide in direct pulp capping of primary molars: a randomized controlled clinical trial. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , <b>2009</b> , 107, 733-8		36
102	In vitro cytotoxicity of silver nanoparticles on human periodontal fibroblasts. <i>Journal of Clinical Pediatric Dentistry</i> , <b>2011</b> , 36, 37-41	1.6	28
101	Efficacy of preoperative ibuprofen on the success of inferior alveolar nerve block in patients with symptomatic irreversible pulpitis: a randomized clinical trial. <i>International Endodontic Journal</i> , <b>2013</b> , 46, 1056-62	5.4	25
100	RGD-functionalization of PLA/starch scaffolds obtained by electrospinning and evaluated in vitro for potential bone regeneration. <i>Materials Science and Engineering C</i> , <b>2019</b> , 96, 798-806	8.3	25
99	Preemptive analgesic effectiveness of oral ketorolac plus local tramadol after impacted mandibular third molar surgery. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , <b>2011</b> , 16, e776-80	2.6	24
98	Multiwall carbon nanotubes/polycaprolactone scaffolds seeded with human dental pulp stem cells for bone tissue regeneration. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2016</b> , 27, 35	4.5	23
97	Analgesic efficacy and safety of single-dose tramadol and non-steroidal anti-inflammatory drugs in operations on the third molars: a systematic review and meta-analysis. <i>British Journal of Oral and Maxillofacial Surgery</i> , <b>2014</b> , 52, 775-83	1.4	22
96	Tramadol administered in a combination of routes for reducing pain after removal of an impacted mandibular third molar. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2007</b> , 65, 1633-9	1.8	22
95	Cytotoxicity and Initial Biocompatibility of Endodontic Biomaterials (MTA and Biodentine) Used as Root-End Filling Materials. <i>BioMed Research International</i> , <b>2016</b> , 2016, 7926961	3	22
94	Eugenol Toxicity in Human Dental Pulp Fibroblasts of Primary Teeth. <i>Journal of Clinical Pediatric Dentistry</i> , <b>2016</b> , 40, 312-8	1.6	21
93	Identification of cultivable microorganisms from primary teeth with necrotic pulps. <i>Journal of Clinical Pediatric Dentistry</i> , <b>2010</b> , 34, 329-33	1.6	21

92	Efficacy of mepivacaine-tramadol combination on the success of inferior alveolar nerve blocks in patients with symptomatic irreversible pulpitis: a randomized clinical trial. <i>International Endodontic Journal</i> , <b>2016</b> , 49, 325-33	5.4	19
91	Expression of substance P, calcitonin gene-related peptide, ßendorphin and methionine-enkephalin in human dental pulp tissue after orthodontic intrusion: a pilot study. <i>Angle Orthodontist</i> , <b>2014</b> , 84, 521-6	2.6	16
90	Isobolographic analysis of the dual-site synergism in the antinociceptive response of tramadol in the formalin test in rats. <i>Life Sciences</i> , <b>2006</b> , 79, 2275-82	6.8	14
89	Synthesis and Characterization of a New Collagen-Alginate Aerogel for Tissue Engineering. <i>Journal of Nanomaterials</i> , <b>2019</b> , 2019, 1-10	3.2	13
88	Comparison of the analgesic efficacy of preoperative/postoperative oral dexketoprofen trometamol in third molar surgery: A randomized clinical trial. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , <b>2016</b> , 44, 1350-5	3.6	12
87	Intracanal irrigants for pulpectomy in primary teeth: a systematic review and meta-analysis. <i>International Journal of Paediatric Dentistry</i> , <b>2016</b> , 26, 412-425	3.1	12
86	Effect of 4-Allyl-1-hydroxy-2-methoxybenzene (Eugenol) on Inflammatory and Apoptosis Processes in Dental Pulp Fibroblasts. <i>Mediators of Inflammation</i> , <b>2016</b> , 2016, 9371403	4.3	12
85	Collagenase 1A2 (COL1A2) gene A/C polymorphism in relation to severity of dental fluorosis. <i>Community Dentistry and Oral Epidemiology</i> , <b>2016</b> , 44, 162-8	2.8	12
84	Zinc Oxide-Eugenol Pulpotomy in Primary Teeth: A 24-Month Follow-up. <i>Journal of Clinical Pediatric Dentistry</i> , <b>2016</b> , 40, 107-12	1.6	12
83	Reattachment of anterior teeth fragments using a modified Simonsen's technique after dental trauma: report of a case. <i>Dental Traumatology</i> , <b>2011</b> , 27, 81-5	4.5	11
82	Pain Measurement through Temperature Changes in Children Undergoing Dental Extractions. <i>Pain Research and Management</i> , <b>2016</b> , 2016, 4372617	2.6	11
81	Analgesic efficacy of lysine clonixinate plus tramadol versus tramadol in multiple doses following impacted third molar surgery. <i>International Journal of Oral and Maxillofacial Surgery</i> , <b>2014</b> , 43, 348-54	2.9	10
80	Sensitivity, Specificity, Predictive Values, and Accuracy of Three Diagnostic Tests to Predict Inferior Alveolar Nerve Blockade Failure in Symptomatic Irreversible Pulpitis. <i>Pain Research and Management</i> , <b>2017</b> , 2017, 3108940	2.6	10
79	The essential oil of <i>Allium sativum</i> as an alternative agent against <i>Candida</i> isolated from dental prostheses. <i>Revista Iberoamericana De Micologia</i> , <b>2017</b> , 34, 158-164	1.6	9
78	Poly(2-dimethylamino ethylmethacrylate)-based polymers to camouflage red blood cell antigens. <i>Biomacromolecules</i> , <b>2012</b> , 13, 1172-80	6.9	9
77	Bactericidal capacity of silver nanoparticles associated with Gantrez S-97 on <i>Streptococcus mutans</i> . <i>Journal of Clinical Pediatric Dentistry</i> , <b>2010</b> , 35, 183-5	1.6	9
76	Clinical and Radiographic Characteristics as Predictive Factors of Swelling and Trismus after Mandibular Third Molar Surgery: A Longitudinal Approach. <i>Pain Research and Management</i> , <b>2018</b> , 2018, 7938492	2.6	9
75	Analgesic efficacy of preoperative dexketoprofen trometamol: A systematic review and meta-analysis. <i>Drug Development Research</i> , <b>2018</b> , 79, 47-57	5.1	8

74	Design of a controlled release system of OP-1 and TGF- $\beta$ based in microparticles of sodium alginate and release characterization by HPLC-UV. <i>In Vitro Cellular and Developmental Biology - Animal</i> , <b>2011</b> , 47, 681-8	2.6	8
73	DPSC colonization of functionalized 3D textiles. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , <b>2017</b> , 105, 785-794	3.5	7
72	The Effect of PEGDE Concentration and Temperature on Physicochemical and Biological Properties of Chitosan. <i>Polymers</i> , <b>2019</b> , 11,	4.5	7
71	Influence of diameter of fiber membrane scaffolds on the biocompatibility of hPDL mesenchymal stromal cells. <i>Dental Materials Journal</i> , <b>2018</b> , 37, 465-473	2.5	6
70	Involvement of nitric oxide and ATP-sensitive potassium channels in the peripheral antinoceptive action of a tramadol-dexketoprofen combination in the formalin test. <i>Drug Development Research</i> , <b>2014</b> , 75, 449-54	5.1	6
69	Continuous drip flow system to develop biofilm of E. faecalis under anaerobic conditions. <i>Scientific World Journal, The</i> , <b>2014</b> , 2014, 706189	2.2	6
68	Comparison of the analgesic efficacy of oral ketorolac versus intramuscular tramadol after third molar surgery: A parallel, double-blind, randomized, placebo-controlled clinical trial. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , <b>2016</b> , 21, e637-43	2.6	6
67	Sustained release of calcium hydroxide from poly(DL-lactide-co-glycolide) acid microspheres for apexification. <i>Odontology / the Society of the Nippon Dental University</i> , <b>2016</b> , 104, 318-23	3.6	5
66	Quantification of DNA in urinary porcine bladder matrix using the ACTB gene. <i>In Vitro Cellular and Developmental Biology - Animal</i> , <b>2015</b> , 51, 1040-6	2.6	5
65	Evaluation of the Osteoblast Behavior to PGA Textile Functionalized with RGD as a Scaffold for Bone Regeneration. <i>Journal of Nanomaterials</i> , <b>2017</b> , 2017, 1-8	3.2	5
64	Dental Management of a Child with Incidentally Detected Hemophilia: Report of a Clinical Case. <i>Case Reports in Dentistry</i> , <b>2017</b> , 2017, 7429738	0.6	5
63	Moxifloxacin versus Clindamycin/Ceftriaxone in the management of odontogenic maxillofacial infectious processes: A preliminary, intrahospital, controlled clinical trial. <i>Journal of Clinical and Experimental Dentistry</i> , <b>2015</b> , 7, e634-9	1.4	5
62	Management and followup of complicated crown fractures in young patients treated with partial pulpotomy. <i>Case Reports in Dentistry</i> , <b>2013</b> , 2013, 597563	0.6	5
61	Nanomaterial Complexes Enriched With Natural Compounds Used in Cancer Therapies: A Perspective for Clinical Application. <i>Frontiers in Oncology</i> , <b>2021</b> , 11, 664380	5.3	5
60	Management of dental caries lesions in Latin American and Caribbean countries. <i>Brazilian Oral Research</i> , <b>2021</b> , 35, e055	2.6	5
59	Non-syndromic craniosynostosis in children: Scoping review. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , <b>2018</b> , 23, e421-e428	2.6	5
58	Root canal hydrophobization by dentinal silanization: improvement of silicon-based endodontic treatment tightness. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , <b>2013</b> , 101, 721-8	3.5	4
57	Dentist attitudes and responsibilities concerning child sexual abuse. A review and a case report. <i>Journal of Clinical and Experimental Dentistry</i> , <b>2015</b> , 7, e428-34	1.4	4

56	Direct pulp capping in primary molars with enamel matrix derivative: report of a case. <i>Journal of Clinical Pediatric Dentistry</i> , <b>2009</b> , 34, 9-12	1.6	4
55	Aerobic and anaerobic microorganisms and antibiotic sensitivity of odontogenic maxillofacial infections. <i>Odontology / the Society of the Nippon Dental University</i> , <b>2019</b> , 107, 409-417	3.6	4
54	Dental caries prevalence, prospects, and challenges for Latin America and Caribbean countries: a summary and final recommendations from a Regional Consensus. <i>Brazilian Oral Research</i> , <b>2021</b> , 35, e056	2.6	4
53	Bioactive Tricalcium Silicate-based Dentin Substitute as an Indirect Pulp Capping Material for Primary Teeth: A 12-month Follow-up. <i>Pediatric Dentistry (discontinued)</i> , <b>2017</b> , 39, 377-382	1.2	4
52	Type II in Children: A Scoping Review. <i>Journal of Clinical Pediatric Dentistry</i> , <b>2019</b> , 43, 147-154	1.6	3
51	Outcomes of direct pulp capping in vital primary teeth with cariously and non-cariously exposed pulp: A systematic review. <i>International Journal of Paediatric Dentistry</i> , <b>2020</b> , 30, 536-546	3.1	3
50	Glass coatings to enhance the interfacial bond strength between veneering ceramic and zirconia. <i>Odontology / the Society of the Nippon Dental University</i> , <b>2020</b> , 108, 415-423	3.6	3
49	Quantification of TNF- in Patients with Periodontitis and Type 2 Diabetes. <i>BioMed Research International</i> , <b>2019</b> , 2019, 7984891	3	3
48	Sensory Neuropeptides and Endogenous Opioids Expression in Human Dental Pulp with Asymptomatic Inflammation: In Vivo Study. <i>Mediators of Inflammation</i> , <b>2015</b> , 2015, 879126	4.3	3
47	Pain and Anxiety Levels Using Conventional versus Computer-Controlled Local Anesthetic Systems in Pediatric Patients: A Meta-Analysis. <i>Journal of Clinical Pediatric Dentistry</i> , <b>2020</b> , 44, 371-399	1.6	3
46	Root canal microorganisms and their antibiotic susceptibility in patients with persistent endodontic infections, with and without clinical symptoms. <i>Odontology / the Society of the Nippon Dental University</i> , <b>2021</b> , 109, 596-604	3.6	3
45	Randomized Clinical Trials in Pediatric Dentistry: Application of Evidence-Based Dentistry through the CONSORT Statement. <i>Journal of Clinical Pediatric Dentistry</i> , <b>2019</b> , 43, 219-230	1.6	2
44	Dental management of pediatric patients affected by pulmonary atresia with ventricular septal defect: A scoping review. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , <b>2017</b> , 22, e458-e466	2.6	2
43	Dental approach for Apert syndrome in children: a systematic review. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , <b>2017</b> , 22, e660-e668	2.6	2
42	Subcutaneous Midazolam with and without Ketamine for Sedation In Children Undergoing Dental Treatment: A Pilot Study. <i>Journal of Clinical Pediatric Dentistry</i> , <b>2015</b> , 39, 382-6	1.6	2
41	Langerhans cell histiocytosis: Current concepts in dentistry and case report. <i>Journal of Clinical and Experimental Dentistry</i> , <b>2016</b> , 8, e102-8	1.4	2
40	Chemical treatment of the intra-canal dentin surface: a new approach to modify dentin hydrophobicity. <i>Journal of Applied Oral Science</i> , <b>2013</b> , 21, 63-7	3.3	2
39	Evaluation of Marginal Seal and Microleakage of a Sealant Modified with Silver Nanoparticles in Primary Molars: In Vitro Study. <i>Odovtos International Journal of Dental Sciences</i> , <b>2015</b> , 107	1.5	2

38	Antimicrobial effect of gold nanoparticles in the formation of the Staphylococcus aureus biofilm on a polyethylene surface. <i>Brazilian Journal of Microbiology</i> , <b>2021</b> , 52, 619-625	2.2	2
37	Early identification of permanent maxillary canine impaction: A radiographic comparative study in a Mexican population. <i>Journal of Clinical and Experimental Dentistry</i> , <b>2019</b> , 11, e282-e286	1.4	1
36	Pediatric Dental Management of an Uncommon Case of Mucopolysaccharidosis Type IV A (Morquio A Syndrome): A Case Report of a Three-Year Follow-Up. <i>Case Reports in Dentistry</i> , <b>2020</b> , 2020, 2565486	0.6	1
35	Management of the Amniotic Band Syndrome with Cleft Palate: Literature Review and Report of a Case. <i>Case Reports in Dentistry</i> , <b>2017</b> , 2017, 7620416	0.6	1
34	Bioethical Issues in Conducting Pediatric Dentistry Clinical Research. <i>Journal of Clinical Pediatric Dentistry</i> , <b>2018</b> , 42, 85-90	1.6	1
33	Esophageal Atresia with Tracheoesophageal Fistula and Gastroesophageal Reflux in Children: Dental Considerations and Case Report. <i>Journal of Clinical Pediatric Dentistry</i> , <b>2018</b> , 42, 256-261	1.6	1
32	Local Ketamine Improves Postoperative Analgesia After Third Molar Surgery. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2019</b> , 77, 2386-2400	1.8	1
31	Levels of Myeloperoxidase and Metalloproteinase-9 in Gingival Crevicular Fluid from Diabetic Subjects with and without Stage 2, Grade B Periodontitis. <i>BioMed Research International</i> , <b>2019</b> , 2019, 5613514	3	1
30	Clinical success of preformed steel crowns in disabled pediatric population: An 11-year retrospective study. <i>Pediatric Dental Journal</i> , <b>2017</b> , 27, 142-146	0.5	1
29	Dental Considerations in Children with Glucose-6-phosphate Dehydrogenase Deficiency (Favism): A Review of the Literature and Case Report. <i>Case Reports in Dentistry</i> , <b>2015</b> , 2015, 506459	0.6	1
28	Peripheral synergism between tramadol and ibuprofen in the formalin test. <i>Drug Development Research</i> , <b>2014</b> , 75, 224-30	5.1	1
27	Naloxone Reverses the Antinociceptive Synergistic Interaction Between Acetaminophen and Lysine Clonixinate in the Formalin Test. <i>Drug Development Research</i> , <b>2013</b> , 74, 316-321	5.1	1
26	Dentin-Pulp Complex Regeneration <b>2020</b> , 159-181		1
25	Agreement analysis of three mandibular third molar retention classifications. <i>Gaceta Medica De Mexico</i> , <b>2020</b> , 156, 22-26	0.3	1
24	Synergistic interaction between 4-allyl-1-hydroxy-2-methoxybenzene (eugenol) and diclofenac: An isobolographic analysis in Wistar rats. <i>Drug Development Research</i> , <b>2020</b> , 81, 978	5.1	1
23	AMPA receptors modulate the reorganization of F-actin in Bergmann glia cells through the activation of RhoA. <i>Journal of Neurochemistry</i> , <b>2019</b> , 149, 242-254	6	1
22	Case Report in Clinical Pediatric Dentistry: How to Review, Organize and Prepare a Manuscript. <i>Journal of Clinical Pediatric Dentistry</i> , <b>2019</b> , 43, 1-4	1.6	1
21	Molar incisor hypomineralization (MIH): prevalence and degree of severity in a Mexican pediatric population living in an endemic fluorosis area. <i>Journal of Public Health Dentistry</i> , <b>2021</b> ,	1.6	1



20	Cytotoxicity, Cell Adhesion, and Apoptotic Gene Expression in Periodontal Ligament Fibroblasts treated with Endodontic Sealers. <i>Puerto Rico Health Sciences Journal</i> , <b>2019</b> , 38, 237-243	0.5	1
19	Clinical Efficacy of Two Topical Agents for the Remineralization of Enamel White Spot Lesions in Primary Teeth. <i>Pediatric Dentistry (discontinued)</i> , <b>2021</b> , 43, 95-101	1.2	1
18	MTA-Based Cements: Biocompatibility and Effects on the Gene Expression of Collagen Type 1 and TGF-1.. <i>BioMed Research International</i> , <b>2022</b> , 2022, 2204698	3	1
17	Evaluation of Surgical Bur Deformation and Bone Surface Roughness After Multiple Uses. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2019</b> , 77, 1894-1903	1.8	0
16	Severe congenital hypoglossia: a case report. <i>Journal of Clinical Pediatric Dentistry</i> , <b>2013</b> , 38, 167-9	1.6	0
15	Evaluation of in vitro biofilm elimination of <i>Enterococcus faecalis</i> using a continuous ultrasonic irrigation device. <i>Journal of Oral Science</i> , <b>2020</b> , 62, 415-419	1.5	0
14	Gene expression profile involved in signaling and apoptosis of osteoblasts in contact with cellulose/MWCNTs scaffolds. <i>Materials Science and Engineering C</i> , <b>2021</b> , 118, 111531	8.3	0
13	Calcium hydroxide/iodoform nanoparticles as an intracanal filling medication: synthesis, characterization, and in vitro study using a bovine primary tooth model. <i>Odontology / the Society of the Nippon Dental University</i> , <b>2021</b> , 109, 687-695	3.6	0
12	Evaluation of Decellularized Matrix and Tricalcium Phosphate as Biomaterials for Bone Neof ormation: In vivo Study. <i>International Journal of Morphology</i> , <b>2017</b> , 35, 804-811	0.5	
11	Fundamentals in Biostatistics for Investigation in Pediatric Dentistry: Part II -Biostatistical Methods. <i>Journal of Clinical Pediatric Dentistry</i> , <b>2017</b> , 41, 173-178	1.6	
10	Bilateral vertical complicated fracture of mandibular first primary molars associated with trauma: Report of an unusual case. <i>Pediatric Dental Journal</i> , <b>2012</b> , 22, 72-77	0.5	
9	Translation of Tissue Engineering Approach from to Clinics <b>2020</b> , 24-35		
8	Effect of 4-Allyl-1-hydroxy-2-methoxybenzene (eugenol) in the expression of genes involved in cellular cycle and apoptotic process in dental pulp fibroblasts. <i>Acta Odontologica Scandinavica</i> , <b>2021</b> , 1-7	2.2	
7	Association of CCR5 G59029A and RANTES 8 C/G polymorphisms in patients with chronic periodontitis and/or Type 2 Diabetes Mellitus, in a Southeastern Mexican population. <i>Investigacion Clinica</i> , <b>2018</b> , 59, 135-145	0.3	
6	El coronavirus. ¿Estáamos preparados?. <i>Revista A D M</i> , <b>2020</b> , 77, 80-83	0.2	
5	Analysis of bacterial communities of infected primary teeth in a Mexican population. <i>Medicina Oral, Patología Oral Y Cirugía Bucal</i> , <b>2020</b> , 25, e668-e674	2.6	
4	Morphological and biological properties of silica nanoparticles for CRT3-siRNA delivery and downregulation of the RGS2 expression in preadipocytes. <i>Journal of Biomaterials Applications</i> , <b>2021</b> , 36, 626-637	2.9	
3	Characterization and Biocompatibility of a Polylactic Acid (PLA) 3D/Printed Scaffold. <i>Nanotechnology in the Life Sciences</i> , <b>2021</b> , 289-309	1.1	

- 2 Pain Management Associated with Posttraumatic Unilateral Temporomandibular Joint Anterior Disc Displacement: A Case Report and Literature Review. *Case Reports in Dentistry*, **2018**, 2018, 8206381<sup>o.6</sup>
- 1 Dental Management of a Young Child Affected by Galactosialidosis and a Gigantic Abdominal Growth. *Case Reports in Dentistry*, **2018**, 2018, 2086157<sup>o.6</sup>