

Francisco J RodrÃ-guez Lozano

List of Publications by Year in descending order

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90
papers

2,147
citations

257450

24
h-index

276875

41
g-index

90
all docs

90
docs citations

90
times ranked

2517
citing authors

#	ARTICLE	IF	CITATIONS
1	Mesenchymal stem cells derived from dental tissues. <i>International Endodontic Journal</i> , 2011, 44, 800-806.	5.0	122
2	Graphene for the development of the next-generation of biocomposites for dental and medical applications. <i>Dental Materials</i> , 2017, 33, 765-774.	3.5	115
3	Biocompatibility of New Pulp-capping Materials NeoMTA Plus, MTA Repair HP, and Biodentine on Human Dental Pulp Stem Cells. <i>Journal of Endodontics</i> , 2018, 44, 126-132.	3.1	100
4	Evaluation of cytocompatibility of calcium silicate-based endodontic sealers and their effects on the biological responses of mesenchymal dental stem cells. <i>International Endodontic Journal</i> , 2017, 50, 67-76.	5.0	85
5	Cytotoxicity and bioactivity of various pulpotomy materials on stem cells from human exfoliated primary teeth. <i>International Endodontic Journal</i> , 2017, 50, e19-e30.	5.0	80
6	Effects of composite films of silk fibroin and graphene oxide on the proliferation, cell viability and mesenchymal phenotype of periodontal ligament stem cells. <i>Journal of Materials Science: Materials in Medicine</i> , 2014, 25, 2731-2741.	3.6	75
7	Cytotoxicity of GuttaFlow Bioseal, GuttaFlow2, MTA Fillapex, and AH Plus on Human Periodontal Ligament Stem Cells. <i>Journal of Endodontics</i> , 2017, 43, 816-822.	3.1	72
8	Biocompatibility of three new calcium silicate-based endodontic sealers on human periodontal ligament stem cells. <i>International Endodontic Journal</i> , 2017, 50, 875-884.	5.0	72
9	Mesenchymal dental stem cells in regenerative dentistry. <i>Medicina Oral, Patología Oral Y Cirugía Bucal</i> , 2012, 17, e1062-e1067.	1.7	70
10	Comparative analysis of the biological effects of the endodontic bioactive cements MTA-Angelus, MTA Repair HP and NeoMTA Plus on human dental pulp stem cells. <i>International Endodontic Journal</i> , 2017, 50, e63-e72.	5.0	66
11	Cytocompatibility, bioactivity potential, and ion release of three premixed calcium silicate-based sealers. <i>Clinical Oral Investigations</i> , 2020, 24, 1749-1759.	3.0	54
12	Human Adult Periodontal Ligament-Derived Cells Integrate and Differentiate after Implantation into the Adult Mammalian Brain. <i>Cell Transplantation</i> , 2013, 22, 2017-2028.	2.5	51
13	Comparative Cytocompatibility and Mineralization Potential of Bio-C Sealer and TotalFill BC Sealer. <i>Materials</i> , 2019, 12, 3087.	2.9	51
14	Bioactivity of Bioceramic Materials Used in the Dentin-Pulp Complex Therapy: A Systematic Review. <i>Materials</i> , 2019, 12, 1015.	2.9	48
15	Implementation of augmented reality in operative dentistry learning. <i>European Journal of Dental Education</i> , 2018, 22, e122-e130.	2.0	46
16	Silk-Fibroin and Graphene Oxide Composites Promote Human Periodontal Ligament Stem Cell Spontaneous Differentiation into Osteo/Cementoblast-Like Cells. <i>Stem Cells and Development</i> , 2016, 25, 1742-1754.	2.1	44
17	Physicochemical, cytotoxicity and in vivo biocompatibility of a high-plasticity calcium-silicate based material. <i>Scientific Reports</i> , 2019, 9, 3933.	3.3	43
18	Neuropathic orofacial pain after dental implant placement: review of the literature and case report. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2010, 109, e8-e12.	1.4	40

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19	GuttaFlow Bioseal promotes spontaneous differentiation of human periodontal ligament stem cells into cementoblast-like cells. <i>Dental Materials</i> , 2019, 35, 114-124.	3.5	39
20	Cytocompatibility and bioactive properties of the new dual-curing resin-modified calcium silicate-based material for vital pulp therapy. <i>Clinical Oral Investigations</i> , 2021, 25, 5009-5024.	3.0	37
21	Chemical composition and bioactivity potential of the new Endosequence BC Sealer formulation HiFlow. <i>International Endodontic Journal</i> , 2020, 53, 1216-1228.	5.0	36
22	Microstructural composition, ion release, and bioactive potential of new premixed calcium silicate-based endodontic sealers indicated for warm vertical compaction technique. <i>Clinical Oral Investigations</i> , 2021, 25, 1451-1462.	3.0	28
23	Effects of two low-shrinkage composites on dental stem cells (viability, cell damaged or apoptosis) Tj ETQq1 1 0.784314 rgBT /Overlook 979-988.	3.6	27
24	Comparative Surface Morphology, Chemical Composition, and Cytocompatibility of Bio-C Repair, Biodentine, and ProRoot MTA on hDPCs. <i>Materials</i> , 2020, 13, 2189.	2.9	26
25	Comparative Biological Properties and Mineralization Potential of 3 Endodontic Materials for Vital Pulp Therapy: Theracal PT, Theracal LC, and Biodentine on Human Dental Pulp Stem Cells. <i>Journal of Endodontics</i> , 2021, 47, 1896-1906.	3.1	26
26	Cytoprotective effects of melatonin on zoledronic acid-treated human mesenchymal stem cells in vitro. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2015, 43, 855-862.	1.7	25
27	Orofacial Problems in Musicians: A Review of the Literature. <i>Medical Problems of Performing Artists</i> , 2011, 26, 150-156.	0.4	25
28	Biological Effects of New Hydraulic Materials on Human Periodontal Ligament Stem Cells. <i>Journal of Clinical Medicine</i> , 2019, 8, 1216.	2.4	24
29	Cell Therapy in Bisphosphonate-Related Osteonecrosis of the Jaw. <i>Journal of Craniofacial Surgery</i> , 2013, 24, e226-e228.	0.7	23
30	Thermo-setting glass ionomer cements promote variable biological responses of human dental pulp stem cells. <i>Dental Materials</i> , 2018, 34, 932-943.	3.5	23
31	Comparison of diffusion, cytotoxicity and tissue inflammatory reactions of four commercial bleaching products against human dental pulp stem cells. <i>Scientific Reports</i> , 2019, 9, 7743.	3.3	21
32	In Vitro Evaluation of the Biological Effects of ACTIVA Kids BioACTIVE Restorative, Ionolux, and Riva Light Cure on Human Dental Pulp Stem Cells. <i>Materials</i> , 2019, 12, 3694.	2.9	20
33	Prevalence of temporomandibular disorder-related findings in violinists compared with control subjects. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2010, 109, e15-e19.	1.4	18
34	The application of casein phosphopeptide and amorphous calcium phosphate with fluoride (CPP-ACPF) for restoring mineral loss after dental bleaching with hydrogen or carbamide peroxide: An in vitro study. <i>Annals of Anatomy</i> , 2019, 225, 48-53.	1.9	18
35	Autogenous Tooth Bone Grafts for Repair and Regeneration of Maxillofacial Defects: A Narrative Review. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3690.	2.6	18
36	Allogeneic Bone Marrow Mesenchymal Stem Cell Transplantation in Tooth Extractions Sites Ameliorates the Incidence of Osteonecrotic Jaw-Like Lesions in Zoledronic Acid-Treated Rats. <i>Journal of Clinical Medicine</i> , 2020, 9, 1649.	2.4	17

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37	Joint hypermobility and disk displacement confirmed by magnetic resonance imaging: A study of women with temporomandibular disorders. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2009, 107, e54-e57.	1.4	16
38	Isolation and Characterization of Mesenchymal Stem Cells from the Fat Layer on the Density Gradient Separated Bone Marrow. <i>Stem Cells and Development</i> , 2012, 21, 260-272.	2.1	16
39	Biological effects of silk fibroin 3D scaffolds on stem cells from human exfoliated deciduous teeth (SHEDs). <i>Odontology / the Society of the Nippon Dental University</i> , 2018, 106, 125-134.	1.9	16
40	Hydrogen Peroxide Diffusion through Enamel and Dentin. <i>Materials</i> , 2018, 11, 1694.	2.9	16
41	Biological effects of acid-eroded MTA Repair HP and ProRoot MTA on human periodontal ligament stem cells. <i>Clinical Oral Investigations</i> , 2019, 23, 3915-3924.	3.0	16
42	Evaluation of changes in ion release and biological properties of NeoMTA Plus and Endocem MTA exposed to an acidic environment. <i>International Endodontic Journal</i> , 2019, 52, 1196-1209.	5.0	16
43	Dental Treatments under General Anesthesia on Children with Special Health Care Needs Enrolled in the Spanish Dental Care Program. <i>Journal of Clinical Medicine</i> , 2021, 10, 182.	2.4	16
44	Dental stem cell signaling pathway activation in response to hydraulic calcium silicate-based endodontic cements: A systematic review of in vitro studies. <i>Dental Materials</i> , 2021, 37, e256-e268.	3.5	16
45	Treatment of osteonecrosis of the jaw related to bisphosphonates and other antiresorptive agents. <i>Medicina Oral, Patología Oral Y Cirugía Bucal</i> , 2016, 21, 0-0.	1.7	15
46	Novel aberrant genetic and epigenetic events in Friedreich's ataxia. <i>Experimental Cell Research</i> , 2015, 335, 51-61.	2.6	14
47	Are Denture Adhesives Safe for Oral Cells?. <i>Journal of Prosthodontics</i> , 2021, 30, 65-70.	3.7	14
48	Could the Calcium Silicate-Based Sealer Presentation Form Influence Dentinal Sealing? An In Vitro Confocal Laser Study on Tubular Penetration; <i>Materials</i> , 2021, 14, 659.	2.9	14
49	Tissue Engineering with Dental Pulp Stem Cells. <i>Journal of Craniofacial Surgery</i> , 2012, 23, e571-e575.	0.7	12
50	Cytocompatibility and Bioactive Properties of Hydraulic Calcium Silicate-Based Cements (HCSCs) on Stem Cells from Human Exfoliated Deciduous Teeth (SHEDs): A Systematic Review of In Vitro Studies. <i>Journal of Clinical Medicine</i> , 2020, 9, 3872.	2.4	12
51	Scientific production on silicate-based endodontic materials: evolution and current state: a bibliometric analysis. <i>Clinical Oral Investigations</i> , 2022, 26, 5611-5624.	3.0	12
52	Vital Pulp Therapy of Permanent Teeth with Reversible or Irreversible Pulpitis: An Overview of the Literature. <i>Journal of Clinical Medicine</i> , 2022, 11, 4016.	2.4	12
53	In Vitro Effect of Putty Calcium Silicate Materials on Human Periodontal Ligament Stem Cells. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 325.	2.5	11
54	Bleeding Complications in Anticoagulated and/or Antiplatelet-Treated Patients at the Dental Office: A Retrospective Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1609.	2.6	11

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55	Pulse Oximetry as a Diagnostic Tool to Determine Pulp Vitality: A Systematic Review. <i>Applied Sciences</i> (Switzerland), 2021, 11, 2747.	2.5	11
56	Biocompatibility of a HA β -TCP/C Scaffold as a Pulp-Capping Agent for Vital Pulp Treatment: An In Vivo Study in Rat Molars. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 3936.	2.6	11
57	Dental Healthcare Amid the COVID-19 Pandemic. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11008.	2.6	11
58	Human Dental Pulp Stem Cells Exhibit Different Biological Behaviours in Response to Commercial Bleaching Products. <i>Materials</i> , 2018, 11, 1098.	2.9	10
59	Melatonin as an Agent for Direct Pulp-Capping Treatment. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1043.	2.6	10
60	In vitro biocompatibility testing of 3D printing and conventional resins for occlusal devices. <i>Journal of Dentistry</i> , 2022, 123, 104163.	4.1	10
61	Analysis of the Adherence of Dental Pulp Stem Cells on Two-Dimensional and Three-Dimensional Silk Fibroin-Based Biomaterials. <i>Journal of Craniofacial Surgery</i> , 2017, 28, 939-943.	0.7	9
62	Melatonin Treatment Alters Biological and Immunomodulatory Properties of Human Dental Pulp Mesenchymal Stem Cells via Augmented Transforming Growth Factor Beta Secretion. <i>Journal of Endodontics</i> , 2021, 47, 424-435.	3.1	9
63	Biophysical and Fluoride Release Properties of a Resin Modified Glass Ionomer Cement Enriched with Bioactive Glasses. <i>Symmetry</i> , 2021, 13, 494.	2.2	9
64	Potential of graphene for tissue engineering applications. <i>Translational Research</i> , 2015, 166, 399-400.	5.0	8
65	Canal shaping with a reciprocating system is easy to learn. <i>International Endodontic Journal</i> , 2019, 52, 1244-1249.	5.0	8
66	Biomineralization potential and biological properties of a new tantalum oxide (Ta ₂ O ₅)-containing calcium silicate cement. <i>Clinical Oral Investigations</i> , 2022, 26, 1427-1441.	3.0	8
67	Topical fluoride varnishes promote several biological responses on human gingival cells. <i>Annals of Anatomy</i> , 2021, 237, 151723.	1.9	8
68	Use of dental stem cells in regenerative dentistry: A possible alternative. <i>Translational Research</i> , 2011, 158, 385-386.	5.0	7
69	Mesenchymal stem cells and bisphosphonate-related osteonecrosis of the jaw: the future?. <i>Oral Diseases</i> , 2012, 18, 823-824.	3.0	7
70	Preclinical Studies of the Biosafety and Efficacy of Human Bone Marrow Mesenchymal Stem Cells Pre-Seeded into β -TCP Scaffolds after Transplantation. <i>Materials</i> , 2018, 11, 1349.	2.9	7
71	Efficacy of continuous apical negative ultrasonic irrigation (CANUI) in penetration of simulated lateral canals in extracted teeth. <i>Scientific Reports</i> , 2021, 11, 10908.	3.3	7
72	Orofacial problems in musicians: a review of the literature. <i>Medical Problems of Performing Artists</i> , 2011, 26, 150-6.	0.4	7

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73	Mesenchymal Dental Pulp Stem Cells. <i>Journal of Craniofacial Surgery</i> , 2011, 22, 774-775.	0.7	6
74	European Fissure Sealant Guidelines: assessment using <sc>AGREE II</sc>. <i>International Journal of Dental Hygiene</i> , 2017, 15, 37-45.	1.9	6
75	Influencing Factors in Autotransplantation of Teeth with Open Apex: A Review of the Literature. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4037.	2.5	6
76	Cytoprotective effects of melatonin on zoledronic acid-treated human osteoblasts. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2017, 45, 1251-1257.	1.7	5
77	Current Status and Trends in Research on Caries Diagnosis: A Bibliometric Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 5011.	2.6	5
78	Dental Extractions Management in Bernardâ€“Soulier Syndrome. <i>Journal of Craniofacial Surgery</i> , 2015, 26, 2018.	0.7	4
79	Prevalence of Apical Periodontitis in patients with Multiple Myeloma. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2020, 25, e383-e387.	1.7	4
80	Association between Pulpal-Periapical Pathology and Autoimmune Diseases: A Systematic Review. <i>Journal of Clinical Medicine</i> , 2021, 10, 4886.	2.4	4
81	In Vitro Biocompatibility of Several Childrenâ€™s Toothpastes on Human Gingival Fibroblasts. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2954.	2.6	3
82	<i>In Vitro</i> Biocompatibility of CPP-ACP and Fluoride-containing Desensitizers on Human Gingival Cells. <i>Operative Dentistry</i> , 2021, , .	1.2	2
83	Use of an Electrosurgical Scalpel in Gingival Overgrowth Associated With Rendu-Osler-Weber Syndrome. <i>Journal of Craniofacial Surgery</i> , 2008, 19, 1648-1649.	0.7	1
84	Dental sealant knowledge, opinion, values and practice of Spanish dental hygienists. <i>International Journal of Dental Hygiene</i> , 2017, 15, 46-52.	1.9	1
85	Stem cells for endodontic regeneration. , 2022, , 273-283.		1
86	Effect of milled and lithography-based additively manufactured zirconia (3Y-TZP) on the biological properties of human osteoblasts. <i>Journal of Prosthetic Dentistry</i> , 2022, , .	2.8	1
87	Scaffolds for pulp revitalisation: A systematic review of randomized clinical trials. <i>Annals of Anatomy</i> , 2022, 243, 151936.	1.9	1
88	Clinical management of the homozygous Î±-thalassemia with unusual mandibular manifestation of hematopoiesis. <i>Journal of Stomatology, Oral and Maxillofacial Surgery</i> , 2017, 118, 49-51.	1.3	0
89	Graphene to improve the physicomechanical properties and bioactivity of the cements. , 2019, , 599-614.		0
90	Immediate Post-Extraction Short Implant Placement with Immediate Loading and without Extraction of an Impacted Maxillary Canine: Two Case Reports. <i>Materials</i> , 2021, 14, 2757.	2.9	0