

Francisco J RodrÃ-guez Lozano

List of Publications by Year in descending order

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Version: 2024-02-01

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	Biom mineralization 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
2	Stem cells for endodontic regeneration. , 2022, , 273-283.		1
3	In Vitro Biocompatibility of Several Children's Toothpastes on Human Gingival Fibroblasts. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2954.	2.6	3
4	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
5	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
6	Scaffolds for pulp revitalisation: A systematic review of randomized clinical trials. <i>Annals of Anatomy</i> , 2022, 243, 151936.	1.9	1
7	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
8	In vitro biocompatibility testing of 3D printing and conventional resins for occlusal devices. <i>Journal of Dentistry</i> , 2022, 123, 104163.	4.1	10
9	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
10	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
11	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
12	Are Denture Adhesives Safe for Oral Cells?. <i>Journal of Prosthodontics</i> , 2021, 30, 65-70.	3.7	14
13	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
14	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
15	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
16	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
17	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
18	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

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19	Pulse Oximetry as a Diagnostic Tool to Determine Pulp Vitality: A Systematic Review. Applied Sciences (Switzerland), 2021, 11, 2747.	2.5	11
20	Influencing Factors in Autotransplantation of Teeth with Open Apex: A Review of the Literature. Applied Sciences (Switzerland), 2021, 11, 4037.	2.5	6
21	Biocompatibility of a HA β -TCP/C Scaffold as a Pulp-Capping Agent for Vital Pulp Treatment: An In Vivo Study in Rat Molars. International Journal of Environmental Research and Public Health, 2021, 18, 3936.	2.6	11
22	Dental stem cell signaling pathway activation in response to hydraulic calcium silicate-based endodontic cements: A systematic review of in vitro studies. Dental Materials, 2021, 37, e256-e268.	3.5	16
23	Immediate Post-Extraction Short Implant Placement with Immediate Loading and without Extraction of an Impacted Maxillary Canine: Two Case Reports. Materials, 2021, 14, 2757.	2.9	0
24	Efficacy of continuous apical negative ultrasonic irrigation (CANUI) in penetration of simulated lateral canals in extracted teeth. Scientific Reports, 2021, 11, 10908.	3.3	7
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. Journal of Endodontics, 2021, 47, 1896-1906.	3.1	26
26	Topical fluoride varnishes promote several biological responses on human gingival cells. Annals of Anatomy, 2021, 237, 151723.	1.9	8
27	Association between Pulpal-Periapical Pathology and Autoimmune Diseases: A Systematic Review. Journal of Clinical Medicine, 2021, 10, 4886.	2.4	4
28	Dental Healthcare Amid the COVID-19 Pandemic. International Journal of Environmental Research and Public Health, 2021, 18, 11008.	2.6	11
29	<i>In Vitro</i> Biocompatibility of CPP-ACP and Fluoride-containing Desensitizers on Human Gingival Cells. Operative Dentistry, 2021, , .	1.2	2
30	Cytocompatibility, bioactivity potential, and ion release of three premixed calcium silicate-based sealers. Clinical Oral Investigations, 2020, 24, 1749-1759.	3.0	54
31	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. Journal of Clinical Medicine, 2020, 9, 3872.	2.4	12
32	Comparative Surface Morphology, Chemical Composition, and Cytocompatibility of Bio-C Repair, Biodentine, and ProRoot MTA on hDPCs. Materials, 2020, 13, 2189.	2.9	26
33	Chemical composition and bioactivity potential of the new Endosequence BC Sealer formulation HiFlow. International Endodontic Journal, 2020, 53, 1216-1228.	5.0	36
34	Allogeneic Bone Marrow Mesenchymal Stem Cell Transplantation in Tooth Extractions Sites Ameliorates the Incidence of Osteonecrotic Jaw-Like Lesions in Zoledronic Acid-Treated Rats. Journal of Clinical Medicine, 2020, 9, 1649.	2.4	17
35	In Vitro Effect of Putty Calcium Silicate Materials on Human Periodontal Ligament Stem Cells. Applied Sciences (Switzerland), 2020, 10, 325.	2.5	11
36	Melatonin as an Agent for Direct Pulp-Capping Treatment. International Journal of Environmental Research and Public Health, 2020, 17, 1043.	2.6	10

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37	Prevalence of Apical Periodontitis in patients with Multiple Myeloma. <i>Medicina Oral, Patología Oral Y Cirugía Bucal</i> , 2020, 25, e383-e387.	1.7	4
38	Biological Effects of New Hydraulic Materials on Human Periodontal Ligament Stem Cells. <i>Journal of Clinical Medicine</i> , 2019, 8, 1216.	2.4	24
39	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
40	Comparative Cytocompatibility and Mineralization Potential of Bio-C Sealer and TotalFill BC Sealer. <i>Materials</i> , 2019, 12, 3087.	2.9	51
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	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
43	Graphene to improve the physicomechanical properties and bioactivity of the cements. , 2019, , 599-614.		0
44	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
45	Physicochemical, cytotoxicity and in vivo biocompatibility of a high-plasticity calcium-silicate based material. <i>Scientific Reports</i> , 2019, 9, 3933.	3.3	43
46	Canal shaping with a reciprocating system is easy to learn. <i>International Endodontic Journal</i> , 2019, 52, 1244-1249.	5.0	8
47	Bioactivity of Bioceramic Materials Used in the Dentin-Pulp Complex Therapy: A Systematic Review. <i>Materials</i> , 2019, 12, 1015.	2.9	48
48	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
49	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
50	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
51	Implementation of augmented reality in operative dentistry learning. <i>European Journal of Dental Education</i> , 2018, 22, e122-e130.	2.0	46
52	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
53	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
54	Hydrogen Peroxide Diffusion through Enamel and Dentin. <i>Materials</i> , 2018, 11, 1694.	2.9	16

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55	Human Dental Pulp Stem Cells Exhibit Different Biological Behaviours in Response to Commercial Bleaching Products. <i>Materials</i> , 2018, 11, 1098.	2.9	10
56	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
57	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
58	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
59	European Fissure Sealant Guidelines: assessment using <sc>AGREE II</sc>. <i>International Journal of Dental Hygiene</i> , 2017, 15, 37-45.	1.9	6
60	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
61	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
62	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
63	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
64	Clinical management of the homozygous β -thalassemia with unusual mandibular manifestation of hematopoiesis. <i>Journal of Stomatology, Oral and Maxillofacial Surgery</i> , 2017, 118, 49-51.	1.3	0
65	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
66	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
67	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
68	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
69	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
70	Dental Extractions Management in Bernard-Soulier Syndrome. <i>Journal of Craniofacial Surgery</i> , 2015, 26, 2018.	0.7	4
71	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
72	Novel aberrant genetic and epigenetic events in Friedreich's ataxia. <i>Experimental Cell Research</i> , 2015, 335, 51-61.	2.6	14

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73	Potential of graphene for tissue engineering applications. <i>Translational Research</i> , 2015, 166, 399-400.	5.0	8
74	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
75	Effects of two low-shrinkage composites on dental stem cells (viability, cell damaged or apoptosis) Tj ETQq1 1 0.784314 rgBT /Overlo 979-988.	3.6	27
76	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
77	Cell Therapy in Bisphosphonate-Related Osteonecrosis of the Jaw. <i>Journal of Craniofacial Surgery</i> , 2013, 24, e226-e228.	0.7	23
78	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
79	Tissue Engineering with Dental Pulp Stem Cells. <i>Journal of Craniofacial Surgery</i> , 2012, 23, e571-e575.	0.7	12
80	Mesenchymal stem cells and bisphosphonate-related osteonecrosis of the jaw: the future?. <i>Oral Diseases</i> , 2012, 18, 823-824.	3.0	7
81	Mesenchymal dental stem cells in regenerative dentistry. <i>Medicina Oral, Patología Oral Y Cirugía Bucal</i> , 2012, 17, e1062-e1067.	1.7	70
82	Use of dental stem cells in regenerative dentistry: A possible alternative. <i>Translational Research</i> , 2011, 158, 385-386.	5.0	7
83	Mesenchymal Dental Pulp Stem Cells. <i>Journal of Craniofacial Surgery</i> , 2011, 22, 774-775.	0.7	6
84	Mesenchymal stem cells derived from dental tissues. <i>International Endodontic Journal</i> , 2011, 44, 800-806.	5.0	122
85	Orofacial Problems in Musicians: A Review of the Literature. <i>Medical Problems of Performing Artists</i> , 2011, 26, 150-156.	0.4	25
86	Orofacial problems in musicians: a review of the literature. <i>Medical Problems of Performing Artists</i> , 2011, 26, 150-6.	0.4	7
87	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
88	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
89	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
90	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