

# Leopoldo Forner

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

1,200  
citations

361296

20  
h-index

395590

33  
g-index

43  
all docs

43  
docs citations

43  
times ranked

1239  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | 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.   | 1.4 | 100       |
| 2  | 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.                         | 2.3 | 85        |
| 3  | Cytotoxicity and bioactivity of various pulpotomy materials on stem cells from human exfoliated primary teeth. <i>International Endodontic Journal</i> , 2017, 50, e19-e30.   | 2.3 | 80        |
| 4  | Biocompatibility of three new calcium silicate-based endodontic sealers on human periodontal ligament stem cells. <i>International Endodontic Journal</i> , 2017, 50, 875-884.  | 2.3 | 72        |
| 5  | 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.                     | 2.3 | 66        |
| 6  | Cytocompatibility, bioactivity potential, and ion release of three premixed calcium silicate-based sealers. <i>Clinical Oral Investigations</i> , 2020, 24, 1749-1759.  | 1.4 | 54        |
| 7  | Dietary Habits in a Child Population in Relation to Caries Experience. <i>Caries Research</i> , 2008, 42, 387-393.  | 0.9 | 51        |
| 8  | Comparative Cytocompatibility and Mineralization Potential of Bio-C Sealer and TotalFill BC Sealer. <i>Materials</i> , 2019, 12, 3087.  | 1.3 | 51        |
| 9  | Bioactivity of Bioceramic Materials Used in the Dentin-Pulp Complex Therapy: A Systematic Review. <i>Materials</i> , 2019, 12, 1015.  | 1.3 | 48        |
| 10 | Implementation of augmented reality in operative dentistry learning. <i>European Journal of Dental Education</i> , 2018, 22, e122-e130.   | 1.0 | 46        |
| 11 | In vitro comparison of root-canal measurements with conventional and digital radiology. <i>International Endodontic Journal</i> , 2002, 35, 542-550.  | 2.3 | 43        |
| 12 | Chemical composition and bioactivity potential of the new Endosequence BC Sealer formulation HiFlow. <i>International Endodontic Journal</i> , 2020, 53, 1216-1228.   | 2.3 | 36        |
| 13 | Influence of Operator's Experience on Root Canal Shaping Ability with a Rotary Nickel-Titanium Single-File Reciprocating Motion System. <i>Journal of Endodontics</i> , 2014, 40, 547-550.  | 1.4 | 34        |
| 14 | Effects of in-office bleaching on human enamel and dentin. Morphological and mineral changes. <i>Annals of Anatomy</i> , 2018, 217, 97-102.   | 1.0 | 29        |
| 15 | 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.        | 1.4 | 28        |
| 16 | Comparative Surface Morphology, Chemical Composition, and Cytocompatibility of Bio-C Repair, Biodentine, and ProRoot MTA on hDPCs. <i>Materials</i> , 2020, 13, 2189.   | 1.3 | 26        |
| 17 | Viability and Stimulation of Human Stem Cells from the Apical Papilla (hSCAPs) Induced by Silicate-Based Materials for Their Potential Use in Regenerative Endodontics: A Systematic Review. <i>Materials</i> , 2020, 13, 974.                  | 1.3 | 26        |
| 18 | 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. | 1.4 | 26        |

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|----|---|-----|-----------|
| 19 | Biological Effects of New Hydraulic Materials on Human Periodontal Ligament Stem Cells. Journal of Clinical Medicine, 2019, 8, 1216.  | 1.0 | 24        |
| 20 | Thermo-setting glass ionomer cements promote variable biological responses of human dental pulp stem cells. Dental Materials, 2018, 34, 932-943.  | 1.6 | 23        |
| 21 | Comparison of diffusion, cytotoxicity and tissue inflammatory reactions of four commercial bleaching products against human dental pulp stem cells. Scientific Reports, 2019, 9, 7743.  | 1.6 | 21        |
| 22 | The Use of Atomic Force Microscopy in Determining the Stiffness and Adhesion Force of Human Dentin After Exposure to Bleaching Agents. Journal of Endodontics, 2009, 35, 1384-1386.   | 1.4 | 20        |
| 23 | 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. Annals of Anatomy, 2019, 225, 48-53.  | 1.0 | 18        |
| 24 | Hydrogen Peroxide Diffusion through Enamel and Dentin. Materials, 2018, 11, 1694.   | 1.3 | 16        |
| 25 | Biological effects of acid-eroded MTA Repair HP and ProRoot MTA on human periodontal ligament stem cells. Clinical Oral Investigations, 2019, 23, 3915-3924.  | 1.4 | 16        |
| 26 | Evaluation of changes in ion release and biological properties of NeoMTA Plus and Endocem MTA exposed to an acidic environment. International Endodontic Journal, 2019, 52, 1196-1209.  | 2.3 | 16        |
| 27 | 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.   | 1.6 | 16        |
| 28 | Could the Calcium Silicate-Based Sealer Presentation Form Influence Dentinal Sealing? An In Vitro Confocal Laser Study on Tubular Penetration. Materials, 2021, 14, 659.  | 1.3 | 14        |
| 29 | 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. | 1.0 | 12        |
| 30 | Outcome of Root Canal Treatments Provided by Endodontic Postgraduate Students. A Retrospective Study. Journal of Clinical Medicine, 2020, 9, 1994.  | 1.0 | 12        |
| 31 | Scientific production on silicate-based endodontic materials: evolution and current state: a bibliometric analysis. Clinical Oral Investigations, 2022, 26, 5611-5624.  | 1.4 | 12        |
| 32 | In Vitro Effect of Putty Calcium Silicate Materials on Human Periodontal Ligament Stem Cells. Applied Sciences (Switzerland), 2020, 10, 325.  | 1.3 | 11        |
| 33 | Sealing capacity of a photochromatic flowable composite as protective base in nonvital dental bleaching. International Endodontic Journal, 2006, 39, 185-189.   | 2.3 | 10        |
| 34 | Human Dental Pulp Stem Cells Exhibit Different Biological Behaviours in Response to Commercial Bleaching Products. Materials, 2018, 11, 1098.   | 1.3 | 10        |
| 35 | Melatonin Treatment Alters Biological and Immunomodulatory Properties of Human Dental Pulp Mesenchymal Stem Cells via Augmented Transforming Growth Factor Beta Secretion. Journal of Endodontics, 2021, 47, 424-435.                             | 1.4 | 9         |
| 36 | Association between the number of early carious lesions and diet in children with a high prevalence of caries. European Journal of Paediatric Dentistry, 2015, 16, 7-12.  | 0.4 | 9         |

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|----|--|-----|-----------|
| 37 | Canal shaping with a reciprocating system is easy to learn. <i>International Endodontic Journal</i> , 2019, 52, 1244-1249.   | 2.3 | 8         |
| 38 | Biom mineralization potential and biological properties of a new tantalum oxide (Ta <sub>2</sub> O <sub>5</sub> )-containing calcium silicate cement. <i>Clinical Oral Investigations</i> , 2022, 26, 1427-1441. | 1.4 | 8         |
| 39 | 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.                                   | 1.2 | 5         |
| 40 | Digital radiology and image analysis for approximal caries diagnosis. <i>Operative Dentistry</i> , 1999, 24, 312-5.  | 0.6 | 4         |
| 41 | Induced post-traumatic apexification: 20 year follow-up and morphological study after new fracture. <i>Annals of Anatomy</i> , 2018, 216, 120-124.   | 1.0 | 3         |
| 42 | Hydrogen peroxide diffusion with and without light activation. <i>The International Journal of Esthetic Dentistry</i> , 2016, 11, 430-41.  | 0.3 | 2         |
| 43 | Letter to the Editor / Reply. <i>Caries Research</i> , 2009, 43, 78-80.  | 0.9 | 0         |