

# Rafael A Delgado-Ruiz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8004780/publications.pdf>

Version: 2024-02-01

88  
papers

2,309  
citations

186265

28  
h-index

265206

42  
g-index

105  
all docs

105  
docs citations

105  
times ranked

2817  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectrometric Analysis of the Wear from Metallic and Ceramic Dental Implants following Insertion: An In Vitro Study. <i>Materials</i> , 2022, 15, 1200.	2.9	2
2	Extended Post-Curing Light Exposure and Sandblasting Effects on Surface Hydrophobicity of 3D-Printed Denture Base Resin. <i>Prosthesis</i> , 2022, 4, 80-90.	2.9	4
3	Temporal and Permanent Changes Induced by Maxillary Sinus Lifting with Bone Grafts and Maxillary Functional Endoscopic Sinus Surgery in the Voice Characteristics—Systematic Review. <i>Dentistry Journal</i> , 2022, 10, 47.	2.3	3
4	Impact of Layer Thickness and Storage Time on the Properties of 3D-Printed Dental Dies. <i>Materials</i> , 2021, 14, 509.	2.9	23
5	Temperature Change from Diode Lasers in Oral Mucosa: An <i>Ex Vivo</i> Study. <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 2021, 39, 334-338.	1.4	1
6	Thermal Transfer on Splinted Implants During Diode Laser Irradiation <i>In Vitro</i> . <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 2021, 39, 471-479.	1.4	1
7	Assisted removal of metal housings from overdentures with a 445-nm diode laser: A dental technique. <i>Journal of Prosthetic Dentistry</i> , 2021, , .	2.8	0
8	Counterclockwise Drilling with Different Tapered Drills Condenses the Implant Bed—An Optical Coherence Tomography In Vitro Study. <i>Medicina (Lithuania)</i> , 2021, 57, 940.	2.0	2
9	Argon Bioactivation of Implants Installed Simultaneously to Maxillary Sinus Lifting without Graft. An Experimental Study in Rabbits. <i>Dentistry Journal</i> , 2021, 9, 105.	2.3	8
10	Diode Laser Light Scattering and Temperature Changes Due to Anesthesia Injection in Bovine Tongue Mucosa. <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 2021, 39, 587-592.	1.4	1
11	Titanium Wear of Dental Implants from Placement, under Loading and Maintenance Protocols. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1067.	4.1	23
12	In-vitro evaluation of the primary stability of multiple condensing thread designed implants placed by novice and experienced clinicians. <i>Surgery in Practice and Science</i> , 2020, 2, 100014.	0.4	0
13	Volumetric Changes in Morse Taper Connections After Implant Placement in Dense Bone. In-Vitro Study. <i>Materials</i> , 2020, 13, 2306.	2.9	1
14	Under-Drilling versus Hybrid Osseodensification Technique: Differences in Implant Primary Stability and Bone Density of the Implant Bed Walls. <i>Materials</i> , 2020, 13, 390.	2.9	23
15	Experimental Study on the Influence of Apigenin K and Melatonin in Socket Preservation as Bone Stimulators: An Experimental Study in Beagle Dogs. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3006.	2.5	4
16	Primary stability of narrow-diameter dental implants with a multiple condensing thread design placed in bone with and without osteotomes: An in vitro study. <i>Clinical Implant Dentistry and Related Research</i> , 2020, 22, 409-414.	3.7	9
17	Evaluation of new Seawater-based Mouth Rinse Versus Chlorhexidine 0.2% Reducing Plaque and Gingivitis Indexes. A Randomized Controlled Pilot Study. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 982.	2.5	4
18	Implant and prosthetic rehabilitation of a patient with mucous membrane pemphigoid. <i>Journal of Prosthetic Dentistry</i> , 2020, , .	2.8	0

#	ARTICLE	IF	CITATIONS
19	Concepts for prevention of complications in implant therapy. <i>Periodontology</i> 2000, 2019, 81, 7-17.	13.4	83
20	Effects of occlusal forces on the peri-implant bone interface stability. <i>Periodontology</i> 2000, 2019, 81, 179-193.	13.4	35
21	In vitro comparison of resonance frequency analysis devices to evaluate implant stability of narrow diameter implants at varying drilling speeds in dense artificial bone blocks. <i>Clinical Implant Dentistry and Related Research</i> , 2019, 21, 1023-1027.	3.7	8
22	Systematic Review of the Long-Term Effects of Transgender Hormone Therapy on Bone Markers and Bone Mineral Density and Their Potential Effects in Implant Therapy. <i>Journal of Clinical Medicine</i> , 2019, 8, 784.	2.4	19
23	Apical stability of implants with progressive thread design in vitro, based on clinicians with different levels of experience. <i>Journal of Periodontology</i> , 2019, 90, 1320-1324.	3.4	7
24	Deformation of the Internal Connection of Narrow Implants after Insertion in Dense Bone: An in Vitro Study. <i>Materials</i> , 2019, 12, 1833.	2.9	8
25	Can the Macrogeometry of Dental Implants Influence Guided Bone Regeneration in Buccal Bone Defects? Histomorphometric and Biomechanical Analysis in Beagle Dogs. <i>Journal of Clinical Medicine</i> , 2019, 8, 618.	2.4	2
26	In Vitro Effect of Drilling Speed on the Primary Stability of Narrow Diameter Implants with Varying Thread Designs Placed in Different Qualities of Simulated Bone. <i>Materials</i> , 2019, 12, 1350.	2.9	8
27	Photothermal Effects of Defocused Initiated Versus Noninitiated Diode Implant Irradiation. <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 2019, 37, 356-361.	1.4	11
28	Socket-shield technique: the influence of the length of the remaining buccal segment of healthy tooth structure on peri-implant bone and socket preservation. A study in dogs. <i>Annals of Anatomy</i> , 2019, 221, 84-92.	1.9	16
29	Bone grafting materials in critical defects in rabbit calvariae. A systematic review and quality evaluation using ARRIVE guidelines. <i>Clinical Oral Implants Research</i> , 2018, 29, 620-634.	4.5	15
30	Influence of the implant diameter and bone quality on the primary stability of porous tantalum trabecular metal dental implants: an in vitro biomechanical study. <i>Clinical Oral Implants Research</i> , 2018, 29, 649-655.	4.5	37
31	Dental implant surgery in patients in treatment by dabigatran. <i>Clinical Oral Implants Research</i> , 2018, 29, 644-648.	4.5	33
32	Role of mechanical compression on bone regeneration around a particulate bone graft material: an experimental study in rabbit calvaria. <i>Clinical Oral Implants Research</i> , 2018, 29, 612-619.	4.5	17
33	Biological effects of compressive forces exerted on particulate bone grafts during socket preservation: animal study. <i>Clinical Oral Implants Research</i> , 2018, 29, 792-801.	4.5	17
34	Slow drilling speeds for single-drill implant bed preparation. Experimental in vitro study. <i>Clinical Oral Investigations</i> , 2018, 22, 349-359.	3.0	19
35	Potential Causes of Titanium Particle and Ion Release in Implant Dentistry: A Systematic Review. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3585.	4.1	142
36	Evaluation of the Cortical Deformation Induced by Distal Cantilevers Supported by Extra-Short Implants: A Finite Elements Analysis Study. <i>Symmetry</i> , 2018, 10, 762.	2.2	1

#	ARTICLE	IF	CITATIONS
37	The Use of Tooth Particles as a Biomaterial in Post-Extraction Sockets. Experimental Study in Dogs. Dentistry Journal, 2018, 6, 12.	2.3	16
38	Peri-Implant Behavior of Sloped Shoulder Dental Implants Used for All-On-Four Protocols: An Histomorphometric Analysis in Dogs. Materials, 2018, 11, 119.	2.9	3
39	Effect of Initiators on Thermal Changes in Soft Tissues Using a Diode Laser. Photomedicine and Laser Surgery, 2018, 36, 386-390.	2.0	15
40	Osteogenic potential of platelet-rich plasma in dental stem-cell cultures. British Journal of Oral and Maxillofacial Surgery, 2017, 55, 697-702.	0.8	16
41	Influence of Drilling Speed on Stability of Tapered Dental Implants: An Ex Vivo Experimental Study. International Journal of Oral and Maxillofacial Implants, 2016, 31, 795-798.	1.4	14
42	Temperature and time variations during osteotomies performed with different piezosurgical devices: an <i>in vitro</i> study. Clinical Oral Implants Research, 2016, 27, 1137-1143.	4.5	17
43	Two-Center Prospective, Randomized, Clinical, and Radiographic Study Comparing Osteotome Sinus Floor Elevation with or without Bone Graft and Simultaneous Implant Placement. Clinical Implant Dentistry and Related Research, 2016, 18, 873-882.	3.7	40
44	<i>Retracted:</i> Histological and histomorphometric analyses of narrow implants, crestal and subcrestally placed in severe alveolar atrophy: a study in foxhound dogs. Clinical Oral Implants Research, 2016, 27, 497-504.	4.5	3
45	<i>Retracted:</i> Bone response to collagenized xenografts of porcine origin (mp3 <sup>®</sup> ) and a bovine bone mineral grafting (4BONE <sup>®</sup> , XBM) grafts in tibia defects: experimental study in rabbits. Clinical Oral Implants Research, 2016, 27, 1039-1046.	4.5	5
46	Denosumab and osteonecrosis of the jaw. A systematic analysis of events reported in clinical trials. Clinical Oral Implants Research, 2016, 27, 367-375.	4.5	121
47	Dental implant surgery in patients in treatment with the anticoagulant oral rivaroxaban. Clinical Oral Implants Research, 2016, 27, 730-733.	4.5	46
48	Xenografts Supplemented with Pamidronate placed in postextraction sockets to avoid crestal bone resorption. Experimental study in Fox hound dogs. Clinical Oral Implants Research, 2016, 27, 149-155.	4.5	8
49	Peri-implant evaluation of immediately loaded implants placed in esthetic zone in patients with diabetes mellitus type 2: a two-year study. Clinical Oral Implants Research, 2016, 27, 156-161.	4.5	63
50	Human fetal osteoblast behavior on zirconia dental implants and zirconia disks with microstructured surfaces. An experimental <i>in vitro</i> study. Clinical Oral Implants Research, 2016, 27, e144-e153.	4.5	37
51	Novel hybrid drilling protocol: evaluation for the implant healing <i>in vitro</i> thermal changes, crestal bone loss, and bone-implant contact. Clinical Oral Implants Research, 2015, 26, 753-760.	4.5	23
52	Connective Tissue Characteristics around Healing Abutments of Different Geometries: New Methodological Technique under Circularly Polarized Light. Clinical Implant Dentistry and Related Research, 2015, 17, 667-680.	3.7	13
53	<i>Retracted:</i> Bone neoformation and mineral degradation of 4Bone <sup>®</sup> Part II: histological and histomorphometric analysis in critical size defects in rabbits. Clinical Oral Implants Research, 2015, 26, 1402-1406.	4.5	8
54	Biphasic <sup>125</sup> I-TCP mixed with silicon increases bone formation in critical site defects in rabbit calvaria. Clinical Oral Implants Research, 2015, 26, 891-897.	4.5	15

#	ARTICLE	IF	CITATIONS
55	Multisteped Drill Design for Single-Stage Implant Site Preparation: Experimental Study in Type 2 Bone. <i>Clinical Implant Dentistry and Related Research</i> , 2015, 17, e472-85.	3.7	14
56	Histological and Histomorphometric Evaluation of Zirconia Dental Implants Modified by Femtosecond Laser versus Titanium Implants: An Experimental Study in Fox Hound Dogs. <i>Clinical Implant Dentistry and Related Research</i> , 2015, 17, 525-532.	3.7	30
57	Outcomes of Topical Applications of Melatonin in Implant Dentistry. <i>Implant Dentistry</i> , 2015, 24, 25-30.	1.3	14
58	<i>Retracted:</i> New bone formation in bone defects after melatonin and porcine bone grafts: experimental study in rabbits. <i>Clinical Oral Implants Research</i> , 2015, 26, 399-406.	4.5	23
59	Zirconia with laser-modified microgrooved surface vs. titanium implants covered with melatonin stimulates bone formation. Experimental study in tibia rabbits. <i>Clinical Oral Implants Research</i> , 2015, 26, 1421-1429.	4.5	32
60	Influence of collar design on peri-implant tissue healing around immediate implants: A pilot study in Foxhound dogs. <i>Clinical Oral Implants Research</i> , 2015, 26, 851-857.	4.5	14
61	Peri-implant Diseases. <i>Dental Clinics of North America</i> , 2015, 59, 157-178.	1.8	79
62	Critical size defects for bone regeneration experiments in rabbit calvariae: systematic review and quality evaluation using ARRIVE guidelines. <i>Clinical Oral Implants Research</i> , 2015, 26, 915-930.	4.5	54
63	Peri-implant bone organization surrounding zirconia microgrooved surfaces circularly polarized light and confocal laser scanning microscopy study. <i>Clinical Oral Implants Research</i> , 2015, 26, 1328-1337.	4.5	27
64	Marginal bone loss evaluation around immediate non-occlusal microthreaded implants placed in fresh extraction sockets in the maxilla: a 3-year study. <i>Clinical Oral Implants Research</i> , 2015, 26, 761-767.	4.5	30
65	Implant stability and marginal bone level of microgrooved zirconia dental implants: A 3-month experimental study on dogs. <i>Vojnosanitetski Pregled</i> , 2014, 71, 451-461.	0.2	13
66	Clinical and radiographic evaluation of osseointegrated platform implants related to crestal bone loss: a 10-year study. <i>Clinical Oral Implants Research</i> , 2014, 25, 352-358.	4.5	24
67	Comparison of three hydroxyapatite/tricalcium phosphate/collagen ceramic scaffolds: An <i>in vivo</i> study. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 1037-1046.	4.0	49
68	Tissue response following papilla-sparing and sulcular incisions in oral surgery—an experimental study. <i>Clinical Oral Investigations</i> , 2014, 18, 1313-1317.	3.0	12
69	Histologic and Histomorphometric Behavior of Microgrooved Zirconia Dental Implants with Immediate Loading. <i>Clinical Implant Dentistry and Related Research</i> , 2014, 16, 856-872.	3.7	25
70	Porous titanium granules in critical size defects of rabbit tibia with or without membranes. <i>International Journal of Oral Science</i> , 2014, 6, 105-110.	8.6	18
71	Biomechanical and histological evaluation of four different titanium implant surface modifications: an experimental study in the rabbit tibia. <i>Clinical Oral Investigations</i> , 2014, 18, 1495-1505.	3.0	20
72	<i>Retracted:</i> Influence of Biphasic TCP with and without the use of collagen membranes on bone healing of surgically critical size defects. A radiological, histological, and histomorphometric study. <i>Clinical Oral Implants Research</i> , 2014, 25, 1228-1238.	4.5	20

#	ARTICLE	IF	CITATIONS
73	Cumulative survival rate of implants placed "fully guided" using CT-guided surgery: a 7-year retrospective study. <i>Compendium of Continuing Education in Dentistry (Jamesburg, NJ: 1995)</i> , 2014, 35, 590-98, 600.	0.1	4
74	Ultrastructural study by backscattered electron imaging and elemental microanalysis of bone-implant interface and mineral degradation of porcine xenografts used in maxillary sinus floor elevation. <i>Clinical Oral Implants Research</i> , 2013, 24, 523-530.	4.5	23
75	Evaluation of Primary Stability of Self-Tapping and Non-Self-Tapping Dental Implants. A 12-Week Clinical Study. <i>Clinical Implant Dentistry and Related Research</i> , 2013, 15, 341-349.	3.7	52
76	Biomechanical and Bone Histomorphological Evaluation of Two Surfaces on Tapered and Cylindrical Root Form Implants: An Experimental Study in Dogs. <i>Clinical Implant Dentistry and Related Research</i> , 2013, 15, 799-808.	3.7	18
77	THE EFFICACY OF A TOPICAL SIALOGOGUE SPRAY CONTAINING 1% MALIC ACID IN PATIENTS WITH ANTIDEPRESSANT-INDUCED DRY MOUTH: A DOUBLE-BLIND, RANDOMIZED CLINICAL TRIAL. <i>Depression and Anxiety</i> , 2013, 30, 137-142.	4.1	35
78	Evaluation of the Success Criteria for Zirconia Dental Implants: A Four-Year Clinical and Radiological Study. <i>International Journal of Dentistry</i> , 2013, 2013, 1-7.	1.5	49
79	<i>Retracted:</i> Peri-implant bone reactions to immediate implants placed at different levels in relation to crestal bone. Part I: a pilot study in dogs. <i>Clinical Oral Implants Research</i> , 2012, 23, 228-235.	4.5	23
80	<i>Retracted:</i> Histomorphometric and mineral degradation study of Ossceram <sup>®</sup> : a novel biphasic $\beta$ -tricalcium phosphate, in critical size defects in rabbits. <i>Clinical Oral Implants Research</i> , 2012, 23, 667-675.	4.5	34
81	New block graft of $\beta$ -TCP with silicon in critical size defects in rabbits: Chemical characterization, histological, histomorphometric and micro-CT study. <i>Ceramics International</i> , 2012, 38, 1563-1570.	4.8	31
82	Evaluation of periimplant bone neoformation using different scanning electron microscope methods for measuring BIC. A dog study.. <i>Journal of Clinical and Experimental Dentistry</i> , 2012, 4, e8-e13.	1.2	6
83	Effects of growth hormone on initial bone formation around dental implants: a dog study. <i>Clinical Oral Implants Research</i> , 2011, 22, 587-593.	4.5	21
84	<i>Retracted:</i> Experimental model of bone response to xenografts of bovine origin (Endobon <sup>®</sup> ): a radiological and histomorphometric study. <i>Clinical Oral Implants Research</i> , 2011, 22, 727-734.	4.5	12
85	<i>Retracted:</i> Bone response to hydroxyapatites with open porosity of animal origin (porcine) Tj ETQq1 1 0.784314 rgBT /Overlook histomorphometric study. <i>Clinical Oral Implants Research</i> , 2011, 22, 767-773.	4.5	32
86	Femtosecond laser microstructuring of zirconia dental implants. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2011, 96B, 91-100.	3.4	93
87	Melatonin stimulates the growth of new bone around implants in the tibia of rabbits. <i>Journal of Pineal Research</i> , 2010, 49, 356-363.	7.4	46
88	Immediate maxillary restoration of single-tooth implants using platform switching for crestal bone preservation: a 12-month study. <i>International Journal of Oral and Maxillofacial Implants</i> , 2009, 24, 275-81.	1.4	46