

Erica Dorigatti de Avila

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

1,257
citations

361413

20
h-index

395702

33
g-index

55
all docs

55
docs citations

55
times ranked

1719
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of UV-photofunctionalization on oral bacterial attachment and biofilm formation to titanium implant material. <i>Biomaterials</i> , 2015, 67, 84-92.	11.4	106
2	Visible-Light-Induced Photocatalytic and Antibacterial Activity of TiO ₂ Codoped with Nitrogen and Bismuth: New Perspectives to Control Implant-Biofilm-Related Diseases. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 18186-18202.	8.0	95
3	Evaluation of the Host Response in Various Models of Induced Periodontal Disease in Mice. <i>Journal of Periodontology</i> , 2014, 85, 465-477.	3.4	89
4	Long-term evaluation of oral gavage with periodontopathogens or ligature induction of experimental periodontal disease in mice. <i>Clinical Oral Investigations</i> , 2016, 20, 1203-1216.	3.0	58
5	Host responses induced by different animal models of periodontal disease: a literature review. <i>Journal of Investigative and Clinical Dentistry</i> , 2013, 4, 211-218.	1.8	52
6	Biomaterial-based possibilities for managing peri-implantitis. <i>Journal of Periodontal Research</i> , 2020, 55, 165-173.	2.7	52
7	Structural and quantitative analysis of a mature anaerobic biofilm on different implant abutment surfaces. <i>Journal of Prosthetic Dentistry</i> , 2016, 115, 428-436.	2.8	49
8	Synthesis of bioactive glass-based coating by plasma electrolytic oxidation: Untangling a new deposition pathway toward titanium implant surfaces. <i>Journal of Colloid and Interface Science</i> , 2020, 579, 680-698.	9.4	47
9	Impact of Physical Chemical Characteristics of Abutment Implant Surfaces on Bacteria Adhesion. <i>Journal of Oral Implantology</i> , 2016, 42, 153-158.	1.0	38
10	Anti-bacterial efficacy via drug-delivery system from layer-by-layer coating for percutaneous dental implant components. <i>Applied Surface Science</i> , 2019, 488, 194-204.	6.1	38
11	UV-photofunctionalization of a biomimetic coating for dental implants application. <i>Materials Science and Engineering C</i> , 2020, 110, 110657.	7.3	32
12	Health-related quality of life and depression in patients with dentofacial deformity. <i>Oral and Maxillofacial Surgery</i> , 2013, 17, 187-191.	1.3	30
13	The impact of antimicrobial photodynamic therapy on peri-implant disease: What mechanisms are involved in this novel treatment?. <i>Photodiagnosis and Photodynamic Therapy</i> , 2017, 17, 236-244.	2.6	28
14	The Relationship between Biofilm and Physical-Chemical Properties of Implant Abutment Materials for Successful Dental Implants. <i>Materials</i> , 2014, 7, 3651-3662.	2.9	27
15	A long-term controlled drug-delivery with anionic beta cyclodextrin complex in layer-by-layer coating for percutaneous implants devices. <i>Carbohydrate Polymers</i> , 2021, 257, 117604.	10.2	27
16	Lip cavernous hemangioma in a young child. <i>Brazilian Dental Journal</i> , 2010, 21, 370-374.	1.1	26
17	Effect of titanium and zirconia dental implant abutments on a cultivable polymicrobial saliva community. <i>Journal of Prosthetic Dentistry</i> , 2017, 118, 481-487.	2.8	26
18	Antimicrobial photodynamic therapy alone or in combination with antibiotic local administration against biofilms of <i>Fusobacterium nucleatum</i> and <i>Porphyromonas gingivalis</i> . <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 188, 135-145.	3.8	26

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19	Relationship between levels of neuropeptide substance P in periodontal disease and chronic pain: a literature review. <i>Journal of Investigative and Clinical Dentistry</i> , 2014, 5, 91-97.	1.8	24
20	Qualitative, quantitative and genotypic evaluation of <i>Aggregatibacter actinomycetemcomitans</i> and <i>Fusobacterium nucleatum</i> isolated from individuals with different periodontal clinical conditions. <i>Anaerobe</i> , 2018, 52, 50-58.	2.1	24
21	An in vitro model of <i>Fusobacterium nucleatum</i> and <i>Porphyromonas gingivalis</i> in single- and dual-species biofilms. <i>Journal of Periodontal and Implant Science</i> , 2018, 48, 12.	2.0	21
22	Six-year follow-up of maxillary anterior rehabilitation with forced orthodontic extrusion: Achieving esthetic excellence with a multidisciplinary approach. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2013, 144, 607-615.	1.7	19
23	Implications of Surface and Bulk Properties of Abutment Implants and Their Degradation in the Health of Periodontal Tissue. <i>Materials</i> , 2013, 6, 5951-5966.	2.9	19
24	Reconstruction of the Alveolar Buccal Bone Plate in Compromised Fresh Socket after Immediate Implant Placement Followed by Immediate Provisionalization. <i>Journal of Esthetic and Restorative Dentistry</i> , 2015, 27, 122-135.	3.8	18
25	Forced orthodontic eruption for augmentation of soft and hard tissue prior to implant placement. <i>Contemporary Clinical Dentistry</i> , 2013, 4, 243.	0.7	18
26	Surface Engineering for Dental Implantology: Favoring Tissue Responses Along the Implant. <i>Tissue Engineering - Part A</i> , 2022, 28, 555-572.	3.1	18
27	Multidisciplinary approach for the aesthetic treatment of maxillary lateral incisors agenesis: thinking about implants?. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2012, 114, e22-e28.	0.4	17
28	Antifungal activity and biocompatibility of AgVO_3 microcrystals: A promising material against oral <i>Candida</i> disease. <i>Materials Science and Engineering C</i> , 2020, 108, 110405.	7.3	17
29	Combination of orthodontic movement and periodontal therapy for full root coverage in a miller class iii recession: a case report with 12 years of follow-up. <i>Brazilian Dental Journal</i> , 2012, 23, 758-763.	1.1	16
30	A Combined Approach for the Treatment of Resorbed Fresh Sockets Allowing Immediate Implant Restoration: A 2-Year Follow-Up. <i>Journal of Oral Implantology</i> , 2015, 41, 712-718.	1.0	16
31	Alveolar ridge augmentation with the perforated and nonperforated bone grafts. <i>Journal of Periodontal and Implant Science</i> , 2014, 44, 33.	2.0	15
32	Effect of Splinting in Accuracy of Two Implant Impression Techniques. <i>Journal of Oral Implantology</i> , 2014, 40, 633-639.	1.0	15
33	Pathogenicity and genetic profile of oral <i>Porphyromonas</i> species from canine periodontitis. <i>Archives of Oral Biology</i> , 2017, 83, 20-24.	1.8	15
34	Promising effects of silver tungstate microcrystals on fibroblast human cells and three dimensional collagen matrix models: A novel non-cytotoxic material to fight oral disease. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 170, 505-513.	5.0	13
35	Relationship Between the Prevalence of the Dentigerous Cyst and the Odontogenic Keratocyst Tumor and the Current Etiologic Hypothesis. <i>Journal of Craniofacial Surgery</i> , 2009, 20, 2036-2040.	0.7	12
36	Ultraviolet Light Treatment of Titanium Suppresses Human Oral Bacterial Attachment and Biofilm Formation: A Short-Term In Vitro Study. <i>International Journal of Oral and Maxillofacial Implants</i> , 2019, 34, 1105-1113.	1.4	12

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37	Unusually rapid growth of brown tumour in the mandible after parathyroidectomy associated with the presence of a supernumerary parathyroid gland. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2012, 40, e19-e23.	1.7	11
38	Comparison of the accuracy for three dental impression techniques and index: An in vitro study. <i>Journal of Prosthodontic Research</i> , 2013, 57, 268-274.	2.8	11
39	Effect of different implant abutment surfaces on OBA's epithelial cell adhesion. <i>Microscopy Research and Technique</i> , 2017, 80, 1304-1309.	2.2	11
40	Optimizing Maxillary Aesthetics of a Severe Compromised Tooth through Orthodontic Movement and Dental Implants. <i>Case Reports in Dentistry</i> , 2014, 2014, 1-10.	0.5	9
41	Correction of Malpositioned Implants through Periodontal Surgery and Prosthetic Rehabilitation Using Angled Abutment. <i>Case Reports in Dentistry</i> , 2014, 2014, 1-9.	0.5	9
42	Facial and occlusal esthetic improvements of an adult skeletal Class III malocclusion using surgical, orthodontic, and implant treatment. <i>Korean Journal of Orthodontics</i> , 2016, 46, 42.	2.3	8
43	In vitro comparison of 1.5 mm vs. 2.0 mm screws for fixation in the sagittal split osteotomy. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2011, 39, 574-577.	1.7	7
44	Tailoring Cu ²⁺ -loaded electrospun membranes with antibacterial ability for guided bone regeneration. , 2022, 139, 212976.		7
45	Industry support for dental implant research: A metatrend study of industry partnership in the development of new technologies. <i>Journal of Prosthetic Dentistry</i> , 2022, , .	2.8	6
46	Biological and physicochemical implications of the aging process on titanium and zirconia implant material surfaces. <i>Journal of Prosthetic Dentistry</i> , 2021, 125, 165-174.	2.8	5
47	Association between industry support and the reporting of study outcomes in randomized clinical trials of dental implant research from the past 20 years. <i>Clinical Implant Dentistry and Related Research</i> , 2022, 24, 94-104.	3.7	5
48	Race for Applicable Antimicrobial Dental Implant Surfaces to Fight Biofilm-Related Disease: Advancing in Laboratorial Studies vs Stagnation in Clinical Application. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 3187-3198.	5.2	4
49	Aesthetic Rehabilitation of a Complicated Crown-Root Fracture of the Maxillary Incisor: Combination of Orthodontic and Implant Treatment. <i>Case Reports in Dentistry</i> , 2014, 2014, 1-8.	0.5	2
50	Eight-Year Follow-Up of a Fixed-Detachable Maxillary Prosthesis Utilizing an Attachment System: Clinical Protocol for Individuals With Skeletal Class III Malocclusions. <i>Journal of Oral Implantology</i> , 2014, 40, 307-312.	1.0	2
51	Implant surface features as key role on cell behavior. <i>Biocell</i> , 2022, 46, 1151-1156.	0.7	2
52	A Prosthetic and Surgical Approach for Full-Arch Rehabilitation in Atrophic Maxilla Previously Affected by Peri-Implantitis. <i>Case Reports in Dentistry</i> , 2021, 2021, 1-13.	0.5	1
53	Periodontal research contributions to basic sciences: From cell communication and host-parasite interactions to inflammation and bone biology. <i>Biocell</i> , 2022, 46, 633-638.	0.7	1
54	Aesthetic Implant Rehabilitation in Periodontally Compromised Patients: A Surgical and Prosthetic Rationale. <i>Journal of the International Academy of Periodontology</i> , 2016, 18, 120-128.	0.7	1

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55	Effect of the Association Between the Tray and Impression Techniques on Angulated Implants Using the All-on-Four System. Journal of Oral Implantology, 2015, 41, 382-385.	1.0	0