

Rodrigo A Giacaman

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

90
papers

1,172
citations

18
h-index

30
g-index

106
ext. papers

1,600
ext. citations

2.5
avg, IF

4.91
L-index

#	Paper	IF	Citations
90	Role of microbial biofilms in the maintenance of oral health and in the development of dental caries and periodontal diseases. Consensus report of group 1 of the Joint EFP/ORCA workshop on the boundaries between caries and periodontal disease. <i>Journal of Clinical Periodontology</i> , 2017 , 44 Suppl 18, S5-S11	7.7	163
89	When to intervene in the caries process? An expert Delphi consensus statement. <i>Clinical Oral Investigations</i> , 2019 , 23, 3691-3703	4.2	54
88	The innate host response in caries and periodontitis. <i>Journal of Clinical Periodontology</i> , 2017 , 44, 1215-1225	7.7	50
87	Cariogenic potential of commercial sweeteners in an experimental biofilm caries model on enamel. <i>Archives of Oral Biology</i> , 2013 , 58, 1116-22	2.8	43
86	The road less traveled - defining molecular commensalism with <i>Streptococcus sanguinis</i> . <i>Molecular Oral Microbiology</i> , 2017 , 32, 181-196	4.6	43
85	Correlation of <i>Streptococcus mutans</i> and <i>Streptococcus sanguinis</i> colonization and ex vivo hydrogen peroxide production in carious lesion-free and high caries adults. <i>Archives of Oral Biology</i> , 2015 , 60, 154-9	2.8	40
84	Cleavage of protease-activated receptors on an immortalized oral epithelial cell line by <i>Porphyromonas gingivalis</i> gingipains. <i>Microbiology (United Kingdom)</i> , 2009 , 155, 3238-3246	2.9	39
83	Live and let die: Hydrogen peroxide production by the commensal flora and its role in maintaining a symbiotic microbiome. <i>Molecular Oral Microbiology</i> , 2018 , 33, 337-352	4.6	38
82	<i>Porphyromonas gingivalis</i> selectively up-regulates the HIV-1 coreceptor CCR5 in oral keratinocytes. <i>Journal of Immunology</i> , 2007 , 179, 2542-50	5.3	36
81	Sugars and beyond. The role of sugars and the other nutrients and their potential impact on caries. <i>Oral Diseases</i> , 2018 , 24, 1185-1197	3.5	32
80	<i>Porphyromonas gingivalis</i> induces CCR5-dependent transfer of infectious HIV-1 from oral keratinocytes to permissive cells. <i>Retrovirology</i> , 2008 , 5, 29	3.6	26
79	Evidence-based strategies for the minimally invasive treatment of carious lesions: Review of the literature. <i>Advances in Clinical and Experimental Medicine</i> , 2018 , 27, 1009-1016	1.8	26
78	Oral keratinocytes support non-replicative infection and transfer of harbored HIV-1 to permissive cells. <i>Retrovirology</i> , 2008 , 5, 66	3.6	25
77	Validation of the Spanish version of the Oral Health Impact Profile (OHIP-14Sp) in elderly Chileans. <i>BMC Oral Health</i> , 2014 , 14, 95	3.7	24
76	Effect of fluoridated milk on enamel and root dentin demineralization evaluated by a biofilm caries model. <i>Caries Research</i> , 2012 , 46, 460-6	4.2	24
75	Association between biofilm-forming isolates of mutans streptococci and caries experience in adults. <i>Archives of Oral Biology</i> , 2010 , 55, 550-4	2.8	21
74	Study Protocol for an Online Questionnaire Survey on Symptoms/Signs, Protective Measures, Level of Awareness and Perception Regarding COVID-19 Outbreak among Dentists. A Global Survey. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	21

73	How to Intervene in the Caries Process in Children: A Joint ORCA and EFCD Expert Delphi Consensus Statement. <i>Caries Research</i> , 2020 , 54, 297-305	4.2	20
72	Frequency of sucrose exposure on the cariogenicity of a biofilm-caries model. <i>European Journal of Dentistry</i> , 2016 , 10, 345-350	2.6	18
71	Effect of the Probiotic Lactobacillus rhamnosus LB21 on the Cariogenicity of Streptococcus mutans UA159 in a Dual-Species Biofilm Model. <i>Caries Research</i> , 2015 , 49, 583-90	4.2	17
70	Distinct Regulatory Role of Carbon Catabolite Protein A (CcpA) in Oral Streptococcal Expression. <i>Journal of Bacteriology</i> , 2018 , 200,	3.5	16
69	How to Intervene in the Root Caries Process? Systematic Review and Meta-Analyses. <i>Caries Research</i> , 2019 , 53, 599-608	4.2	16
68	Teledentistry and mHealth for Promotion and Prevention of Oral Health: A Systematic Review and Meta-analysis. <i>Journal of Dental Research</i> , 2021 , 100, 914-927	8.1	16
67	Validation of the Spanish version of the oral health impact profile to assess an association between quality of life and oral health of elderly Chileans. <i>Gerodontology</i> , 2016 , 33, 97-105	2.8	15
66	Total and soluble fluoride content in commercial dentifrices in Chile. <i>Acta Odontologica Scandinavica</i> , 2012 , 70, 583-8	2.2	15
65	Enamel and dentine demineralization by a combination of starch and sucrose in a biofilm - caries model. <i>Brazilian Oral Research</i> , 2016 , 30,	2.6	14
64	In silico analysis of the competition between Streptococcus sanguinis and Streptococcus mutans in the dental biofilm. <i>Molecular Oral Microbiology</i> , 2018 , 33, 168-180	4.6	14
63	Anticaries effect of an antioxidant-rich apple concentrate on enamel in an experimental biofilm-demineralization model. <i>Journal of Applied Microbiology</i> , 2014 , 117, 846-53	4.7	13
62	Oral colonization by Streptococcus mutans and its association with the severity of periodontal disease in adults. <i>Revista Clínica De Periodoncia Implantología Y Rehabilitación Oral</i> , 2011 , 4, 9-12	0.2	13
61	Fatty acid effect on sucrose-induced enamel demineralization and cariogenicity of an experimental biofilm-caries model. <i>Odontology / the Society of the Nippon Dental University</i> , 2015 , 103, 169-76	3.6	12
60	How to intervene in the caries process in adults: proximal and secondary caries? An EFCD-ORCA-DGZ expert Delphi consensus statement. <i>Clinical Oral Investigations</i> , 2020 , 24, 3315-3321	4.2	12
59	Fluoride content in toothpastes commercialized for children in Chile and discussion on professional recommendations of use. <i>International Journal of Paediatric Dentistry</i> , 2013 , 23, 77-83	3.1	12
58	Cariogenicity of different commercially available bovine milk types in a biofilm caries model. <i>Pediatric Dentistry (discontinued)</i> , 2014 , 36, 1E-6E	1.2	12
57	Patterns of use of oral health care services and barriers to dental care among ambulatory older Chilean. <i>BMC Oral Health</i> , 2017 , 17, 38	3.7	10
56	COVID-19 and Inequities in Oral Health Care for Older People: An Opportunity for Emerging Paradigms. <i>JDR Clinical and Translational Research</i> , 2020 , 5, 290-292	2.2	10

55	Caries experience and use of dental services in rural and urban adults and older adults from central Chile. <i>International Dental Journal</i> , 2014 , 64, 260-8	2.2	10
54	How to Intervene in the Caries Process in Older Adults: A Joint ORCA and EFCD Expert Delphi Consensus Statement. <i>Caries Research</i> , 2020 , 54, 1-7	4.2	9
53	Caries risk assessment in Chilean adolescents and adults and its association with caries experience. <i>Brazilian Oral Research</i> , 2013 , 27, 7-13	2.6	9
52	Plausibility of HIV-1 Infection of Oral Mucosal Epithelial Cells. <i>Advances in Dental Research</i> , 2011 , 23, 38-44	2.3	9
51	Microcavitated (ICDAS 3) carious lesion arrest with resin or glass ionomer sealants in first permanent molars: A randomized controlled trial. <i>Journal of Dentistry</i> , 2019 , 88, 103163	4.8	8
50	Geriatric dentistry content in the curriculum of the dental schools in Chile. <i>Gerodontology</i> , 2016 , 33, 373-98	4.8	8
49	High fluoride dentifrice for preventing and arresting root caries in community-dwelling older adults: A randomized controlled clinical trial. <i>Journal of Dentistry</i> , 2019 , 86, 110-117	4.8	7
48	Negative ageing stereotypes in students and faculty members from three health science schools. <i>Gerodontology</i> , 2015 , 32, 141-8	2.8	7
47	Factors related to unmet oral health needs in older adults living in Chile. <i>Archives of Gerontology and Geriatrics</i> , 2014 , 58, 454-9	4	7
46	Short communication: HIV type 1 escapes inactivation by saliva via rapid escape into oral epithelial cells. <i>AIDS Research and Human Retroviruses</i> , 2012 , 28, 1574-8	1.6	7
45	Oral health disparities among adolescents from urban and rural communities of central Chile. <i>Rural and Remote Health</i> , 2018 , 18, 4312	1.3	7
44	An assessment of three contemporary dental caries epidemiological instruments: a critical review. <i>British Dental Journal</i> , 2020 , 228, 25-31	1.2	7
43	Competition and Caries on Enamel of a Dual-Species Biofilm Model with <i>Streptococcus mutans</i> and <i>Streptococcus sanguinis</i> . <i>Applied and Environmental Microbiology</i> , 2020 , 86,	4.8	7
42	The COVID-19 pandemic and its global effects on dental practice. An International survey. <i>Journal of Dentistry</i> , 2021 , 114, 103749	4.8	7
41	Prevalence of root caries among ambulant older adults living in central Chile. <i>Gerodontology</i> , 2015 , 32, 107-14	2.8	6
40	<i>Streptococcus mutans</i> and <i>Streptococcus sanguinis</i> Expression of Competition-Related Genes, Under Sucrose. <i>Caries Research</i> , 2019 , 53, 194-203	4.2	6
39	Analysis of the characteristics and components for the frailty syndrome in older adults from central Chile. The PIEI-ES study. <i>Archives of Gerontology and Geriatrics</i> , 2019 , 80, 70-75	4	6
38	Stability of chemically available fluoride in Chilean toothpastes. <i>International Journal of Paediatric Dentistry</i> , 2017 , 27, 496-505	3.1	5

37	Synergism between <i>Corynebacterium</i> and <i>Streptococcus sanguinis</i> reveals new interactions between oral commensals. <i>ISME Journal</i> , 2020 , 14, 1154-1169	11.9	5
36	Oral health of the Latin American elders: What we know and what we should do-Position paper of the Latin American Oral Geriatric Group of the International Association for Dental Research. <i>Gerodontology</i> , 2018 , 35, 71-77	2.8	5
35	Cariogenicity of a Milk-Based Drink Used as a Dietary Supplement for Older Adults Using a Root Caries Experimental Model. <i>Caries Research</i> , 2019 , 53, 76-83	4.2	5
34	When to intervene in the caries process? A Delphi consensus statement. <i>British Dental Journal</i> , 2020 , 229, 474-482	1.2	5
33	Community interventions and strategies for caries control in Latin American and Caribbean countries. <i>Brazilian Oral Research</i> , 2021 , 35, e054	2.6	4
32	Cariogenicity induced by commercial carbonated beverages in an experimental biofilm-caries model. <i>European Journal of Dentistry</i> , 2018 , 12, 27-35	2.6	4
31	Ultra-short version of the oral health impact profile in elderly Chileans. <i>Geriatrics and Gerontology International</i> , 2017 , 17, 277-285	2.9	3
30	The Challenge of Evaluating the Oral Health Status of Older Persons in Latin America. <i>JDR Clinical and Translational Research</i> , 2018 , 3, 226-228	2.2	3
29	Fermentable carbohydrate dietary consumption measured by a cariogenicity scoring system and caries experience in youth and adults. <i>Revista Chilena De Nutricion</i> , 2012 , 39, 116-122	0.9	3
28	Anti-caries effect of fluoridated milk-based drink consumed by older adults on an in vitro root caries experimental model. <i>Archives of Oral Biology</i> , 2020 , 118, 104878	2.8	3
27	Salivary protein characteristics from saliva of carious lesionfree and high caries adults. <i>Acta Odontologica Latinoamericana: AOL</i> , 2016 , 29, 178-185	0.3	3
26	Assessment of oral health-related quality of life as a function of non-invasive treatment with high-fluoride toothpastes for root caries lesions in community-dwelling elderly. <i>International Dental Journal</i> , 2019 , 69, 58-66	2.2	2
25	Preserving healthy teeth throughout the life cycle, the biological asset.. <i>Journal of Oral Research</i> , 2017 , 6, 80-81	0.5	2
24	Mineralization processes in hard tissues 2016 , 147-185		2
23	Anticaries activity of egg ovalbumin in an experimental caries biofilm model on enamel and dentin. <i>Clinical Oral Investigations</i> , 2019 , 23, 3509-3516	4.2	2
22	Cariology Curriculum in Chilean Universities. <i>Revista Clínica De Periodoncia Implantología Y Rehabilitación Oral</i> , 2018 , 11, 98-101	0.2	2
21	Proposal for a Conceptual Framework for the Development of Geriatric Dentistry. <i>Journal of Dental Research</i> , 2021 , 220345211042268	8.1	2
20	Impact of rurality on the oral health status of 6-year-old children from central Chile: the EpiMaule study. <i>Rural and Remote Health</i> , 2015 , 15, 3135	1.3	2

19	In situ anticariogenic activity of free fatty acids after sucrose exposure to oral biofilms formed on enamel. <i>American Journal of Dentistry</i> , 2016 , 29, 81-6	1.3	2
18	Cuantificaci3n de bacterias relacionadas con la caries dental en saliva de adultos y adultos mayores. <i>Revista Cl3nica De Periodoncia Implantolog3a Y Rehabilitaci3n Oral</i> , 2013 , 6, 71-74	0.2	1
17	Oral colonization by <i>Streptococcus mutans</i> and its association with the severity of periodontal disease in adults. <i>Revista Cl3nica De Periodoncia Implantolog3a Y Rehabilitaci3n Oral</i> , 2011 , 4, 9-12	0.2	1
16	Fluoride bioavailability on demineralized enamel by commercial mouth rinses. <i>Brazilian Dental Journal</i> , 2021 , 32, 45-54	1.9	1
15	Fluoride concentration in mouth rinses marketed in Chile and Brazil, and a discussion regarding their legislations. <i>Brazilian Oral Research</i> , 2021 , 35, e083	2.6	1
14	Creaci3n de un Curr3culo de Competencias en Cariolog3a para Estudiantes de Pregrado de Odontolog3a en Chile.. <i>Revista Cl3nica De Periodoncia Implantolog3a Y Rehabilitaci3n Oral</i> , 2018 , 11, 58-68	0.2	1
13	Epidemiolog3a del estado de salud periodontal en la VII Regi3n del Maule, Chile. <i>Revista Cl3nica De Periodoncia Implantolog3a Y Rehabilitaci3n Oral</i> , 2016 , 9, 184-192	0.2	0
12	Dietary supplements for older adults; risk versus benefits for oral health. <i>Journal of Oral Research</i> , 2018 , 7, 228-230	0.5	0
11	Response to letter to the editor by Jan K3bnisch. <i>Clinical Oral Investigations</i> , 2020 , 24, 2139-2140	4.2	
10	Flujo salival y caries radicular en adultos mayores autovalentes. <i>Revista Cl3nica De Periodoncia Implantolog3a Y Rehabilitaci3n Oral</i> , 2016 , 9, 253-258	0.2	
9	Efecto de las cargas articulares sobre el flujo y pH salival. <i>Revista Cl3nica De Periodoncia Implantolog3a Y Rehabilitaci3n Oral</i> , 2011 , 4, 13-16	0.2	
8	Efecto de las cargas articulares sobre el flujo y pH salival. <i>Revista Cl3nica De Periodoncia Implantolog3a Y Rehabilitaci3n Oral</i> , 2011 , 4, 13-16	0.2	
7	Comparaci3n de la concentraci3n total de prote3nas salivales de adultos y adultos mayores. <i>Revista Cl3nica De Periodoncia Implantolog3a Y Rehabilitaci3n Oral</i> , 2012 , 5, 25-28	0.2	
6	Asociaci3n entre el consumo de macronutrientes de la dieta y caries en adultos y adultos mayores diab3ticos tipo 2. <i>Revista Cl3nica De Periodoncia Implantolog3a Y Rehabilitaci3n Oral</i> , 2012 , 5, 78-82	0.2	
5	Developing a protocol for a preventive oral health exam for elderly people (EDePAM) using E-Delphi methodology.. <i>Brazilian Oral Research</i> , 2022 , 36, e013	2.6	
4	Changes in the strategies for caries management in older adults; a non-invasive alternative.. <i>Journal of Oral Research</i> , 2018 , 7, 6-7	0.5	
3	Healthy Aging? Pensions, Quality of Life and the Challenges of Oral Health for the Elderly.. <i>Journal of Oral Research</i> , 2016 , 5, 260-261	0.5	
2	Prescribing health to unveil the enemy. Restricting sugars consumption for oral and systemic health.. <i>Journal of Oral Research</i> , 2017 , 6, 228-229	0.5	

- 1 Fluoride bioavailability on demineralized enamel by commercial mouthrinses. *Brazilian Dental Journal*, **2021**, 32, 90-99 1.9