

# Rodrigo A Giacaman

## List of Publications by Year in descending order

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Version: 2024-02-01

101  
papers

2,054  
citations

279778

23  
h-index

289230

40  
g-index

106  
all docs

106  
docs citations

106  
times ranked

2445  
citing authors

#	ARTICLE	IF	CITATIONS
1	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, S5-S11.	4.9	273
2	When to intervene in the caries process? An expert Delphi consensus statement. <i>Clinical Oral Investigations</i> , 2019, 23, 3691-3703.	3.0	105
3	The innate host response in caries and periodontitis. <i>Journal of Clinical Periodontology</i> , 2017, 44, 1215-1225.	4.9	78
4	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.	2.7	74
5	The road less traveled – defining molecular commensalism with <i>Streptococcus sanguinis</i> . <i>Molecular Oral Microbiology</i> , 2017, 32, 181-196.	2.7	72
6	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.	2.0	59
7	Cariogenic potential of commercial sweeteners in an experimental biofilm caries model on enamel. <i>Archives of Oral Biology</i> , 2013, 58, 1116-1122.	1.8	58
8	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.	5.2	58
9	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.	3.0	54
10	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, 154-159.	1.8	53
11	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.	1.4	52
12	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, 5598.	2.6	48
13	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.	1.8	45
14	<i>Porphyromonas gingivalis</i> Selectively Up-Regulates the HIV-1 Coreceptor CCR5 in Oral Keratinocytes. <i>Journal of Immunology</i> , 2007, 179, 2542-2550.	0.8	42
15	Validation of the Spanish version of the Oral Health Impact Profile (OHIP-14Sp) in elderly Chileans. <i>BMC Oral Health</i> , 2014, 14, 95.	2.3	41
16	The COVID-19 pandemic and its global effects on dental practice. An International survey. <i>Journal of Dentistry</i> , 2021, 114, 103749.	4.1	40
17	Distinct Regulatory Role of Carbon Catabolite Protein A (CcpA) in Oral Streptococcal Expression. <i>Journal of Bacteriology</i> , 2018, 200, .	2.2	34
18	<i>Porphyromonas gingivalis</i> induces CCR5-dependent transfer of infectious HIV-1 from oral keratinocytes to permissive cells. <i>Retrovirology</i> , 2008, 5, 29.	2.0	33

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19	Frequency of sucrose exposure on the cariogenicity of a biofilm-caries model. <i>European Journal of Dentistry</i> , 2016, 10, 345-350.	1.7	33
20	Effect of Fluoridated Milk on Enamel and Root Dentin Demineralization Evaluated by a Biofilm Caries Model. <i>Caries Research</i> , 2012, 46, 460-466.	2.0	32
21	How to Intervene in the Root Caries Process? Systematic Review and Meta-Analyses. <i>Caries Research</i> , 2019, 53, 599-608.	2.0	31
22	Oral keratinocytes support non-replicative infection and transfer of harbored HIV-1 to permissive cells. <i>Retrovirology</i> , 2008, 5, 66.	2.0	30
23	Synergism between <i>Corynebacterium</i> and <i>Streptococcus sanguinis</i> reveals new interactions between oral commensals. <i>ISME Journal</i> , 2020, 14, 1154-1169.	9.8	29
24	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.	3.0	27
25	Association between biofilm-forming isolates of mutans streptococci and caries experience in adults. <i>Archives of Oral Biology</i> , 2010, 55, 550-554.	1.8	26
26	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.	1.8	26
27	Total and soluble fluoride content in commercial dentifrices in Chile. <i>Acta Odontologica Scandinavica</i> , 2012, 70, 583-588.	1.6	25
28	<i>In silico</i> analysis of the competition between <i>Streptococcus sanguinis</i> and <i>Streptococcus mutans</i> in the dental biofilm. <i>Molecular Oral Microbiology</i> , 2018, 33, 168-180.	2.7	24
29	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, 459-465.	2.0	24
30	Oral colonization by <i>Streptococcus mutans</i> 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.	0.1	21
31	When to intervene in the caries process? A Delphi consensus statement. <i>British Dental Journal</i> , 2020, 229, 474-482.	0.6	21
32	Negative ageing stereotypes in students and faculty members from three health science schools. <i>Gerodontology</i> , 2015, 32, 141-148.	2.0	20
33	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.	2.0	20
34	Effect of the Probiotic <i>Lactobacillus rhamnosus</i> LB21 and on the Cariogenicity of <i>Streptococcus mutans</i> UA159 in a Dual-Species Biofilm Model. <i>Caries Research</i> , 2015, 49, 583-590.	2.0	18
35	Enamel and dentine demineralization by a combination of starch and sucrose in a biofilm "caries model. <i>Brazilian Oral Research</i> , 2016, 30, .	1.4	18
36	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.	1.9	18

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37	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.	2.3	17
38	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, .	3.1	16
39	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, 260-268.	2.6	15
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.	2.0	15
41	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.	4.1	15
42	Community interventions and strategies for caries control in Latin American and Caribbean countries. <i>Brazilian Oral Research</i> , 2021, 35, e054.	1.4	15
43	Factors related to unmet oral health needs in older adults living in Chile. <i>Archives of Gerontology and Geriatrics</i> , 2014, 58, 454-459.	3.0	13
44	Anticaries effect of an antioxidant-rich apple concentrate on enamel in an experimental biofilm-demineralization model. <i>Journal of Applied Microbiology</i> , 2014, 117, 846-853.	3.1	13
45	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, 169-176.	1.9	13
46	Geriatric dentistry content in the curriculum of the dental schools in Chile. <i>Gerodontology</i> , 2016, 33, 373-379.	2.0	13
47	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.	2.0	13
48	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.	4.1	13
49	An assessment of three contemporary dental caries epidemiological instruments: a critical review. <i>British Dental Journal</i> , 2020, 228, 25-31.	0.6	13
50	Oral health disparities among adolescents from urban and rural communities of central Chile. <i>Rural and Remote Health</i> , 2018, 18, 4312.	0.5	13
51	Plausibility of HIV-1 Infection of Oral Mucosal Epithelial Cells. <i>Advances in Dental Research</i> , 2011, 23, 38-44.	3.6	12
52	Caries risk assessment in Chilean adolescents and adults and its association with caries experience. <i>Brazilian Oral Research</i> , 2013, 27, 7-13.	1.4	12
53	Cariogenicity of different commercially available bovine milk types in a biofilm caries model. <i>Pediatric Dentistry (discontinued)</i> , 2014, 36, 1E-6E.	0.4	12
54	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.	2.0	11

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55	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, 1574-1578.	1.1	9
56	Prevalence of root caries among ambulant older adults living in central Chile. <i>Gerodontology</i> , 2015, 32, 107-114.	2.0	9
57	Stability of chemically available fluoride in Chilean toothpastes. <i>International Journal of Paediatric Dentistry</i> , 2017, 27, 496-505.	1.8	9
58	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.	3.0	9
59	Cariogenicity induced by commercial carbonated beverages in an experimental biofilm-caries model. <i>European Journal of Dentistry</i> , 2018, 12, 027-035.	1.7	8
60	Mineralization processes in hard tissues. , 2016, , 147-185.		7
61	Ultra-short version of the oral health impact profile in elderly Chileans. <i>Geriatrics and Gerontology International</i> , 2017, 17, 277-285.	1.5	7
62	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.	1.8	6
63	Preserving healthy teeth throughout the life cycle, the biological asset.. <i>Journal of Oral Research</i> , 2017, 6, 80-81.	0.1	6
64	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.	2.6	5
65	Anticaries activity of egg ovalbumin in an experimental caries biofilm model on enamel and dentin. <i>Clinical Oral Investigations</i> , 2019, 23, 3509-3516.	3.0	5
66	Proposal for a Conceptual Framework for the Development of Geriatric Dentistry. <i>Journal of Dental Research</i> , 2022, 101, 247-252.	5.2	5
67	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.	1.9	4
68	Cariology Curriculum in Chilean Universities. <i>Revista Clínica De Periodoncia Implantología Y Rehabilitación Oral</i> , 2018, 11, 98-101.	0.1	4
69	Sinopsis de la Situación de Salud Oral en Chile - Parte II: Diagnósticos Poblacionales de Salud Oral.. <i>International Journal of Interdisciplinary Dentistry</i> , 2020, 13, 88-94.	0.1	4
70	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.	0.3	3
71	Creación de un Currículo de Competencias en Cariología para Estudiantes de Pregrado de Odontología en Chile.. <i>Revista Clínica De Periodoncia Implantología Y Rehabilitación Oral</i> , 2018, 11, 58-68.	0.1	3
72	Fluoride concentration in mouth rinses marketed in Chile and Brazil, and a discussion regarding their legislations. <i>Brazilian Oral Research</i> , 2021, 35, e083.	1.4	3

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73	Sugar and dental caries: new insights of an old problem and its implication in clinical management.. Journal of Oral Research, 2016, 5, 57-58.	0.1	3
74	Fluoride bioavailability on demineralized enamel by commercial mouth rinses. Brazilian Dental Journal, 2021, 32, 45-54.	1.1	3
75	Impact of rurality on the oral health status of 6-year-old children from central Chile: the EpiMaule study. Rural and Remote Health, 2015, 15, 3135.	0.5	3
76	In situ anticariogenic activity of free fatty acids after sucrose exposure to oral biofilms formed on enamel. American Journal of Dentistry, 2016, 29, 81-6.	0.1	3
77	Salivary protein characteristics from saliva of carious lesionfree and high caries adults. Acta Odontológica Latinoamericana: AOL, 2016, 29, 178-185.	0.4	3
78	Sinopsis de la Situación de Salud Oral en Chile - Parte I: Garantías Explícitas y Guías Clínicas.. Revista Clínica De Periodoncia Implantología Y Rehabilitación Oral, 2018, 11, 187-190.	0.1	2
79	Desigualdades en Salud Bucal para Personas Mayores en Tiempos del COVID-19. La Teleodontología y la Odontología de Mínima Intervención como Caminos de Solución.. International Journal of Interdisciplinary Dentistry, 2020, 13, 147-150.	0.1	2
80	Detection of Cavitated Proximal Carious Lesions in Permanent Teeth: A Visual and Radiographic Assessment. Caries Research, 2022, 56, 171-178.	2.0	2
81	Oral colonization by Streptococcus mutans and its association with the severity of periodontal disease in adults. Revista Clínica De Periodoncia Implantología Y Rehabilitación Oral, 2011, 4, 9-12.	0.1	1
82	Comparación de la concentración total de proteínas salivales de adultos y adultos mayores. Revista Clínica De Periodoncia Implantología Y Rehabilitación Oral, 2012, 5, 25-28.	0.1	1
83	Cuantificación de bacterias relacionadas con la caries dental en saliva de adultos y adultos mayores. Revista Clínica De Periodoncia Implantología Y Rehabilitación Oral, 2013, 6, 71-74.	0.1	1
84	Fluoride bioavailability on demineralized enamel by commercial mouthrinses. Brazilian Dental Journal, 2021, 32, 90-99.	1.1	1
85	Dietary supplements for older adults; risk versus benefits for oral health. Journal of Oral Research, 2018, 7, 228-230.	0.1	1
86	Sinopsis de la Situación de Salud Oral en Chile - Parte III: Encuestas Nacionales de Salud.. International Journal of Interdisciplinary Dentistry, 2020, 13, 140-146.	0.1	1
87	Efecto de las cargas articulares sobre el flujo y pH salival. Revista Clínica De Periodoncia Implantología Y Rehabilitación Oral, 2011, 4, 13-16.	0.1	0
88	Efecto de las cargas articulares sobre el flujo y pH salival. Revista Clínica De Periodoncia Implantología Y Rehabilitación Oral, 2011, 4, 13-16.	0.1	0
89	Flujo salival y caries radicular en adultos mayores autovalentes. Revista Clínica De Periodoncia Implantología Y Rehabilitación Oral, 2016, 9, 253-258.	0.1	0
90	Response to letter to the editor by Jan Kühnisch. Clinical Oral Investigations, 2020, 24, 2139-2140.	3.0	0

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91	Comparación de la concentración total de proteínas salivales de adultos y adultos mayores. Revista Clínica De Periodoncia Implantología Y Rehabilitación Oral, 2012, 5, 25-28.	0.1	0
92	Asociación entre el consumo de macronutrientes de la dieta y caries en adultos y adultos mayores diabéticos tipo 2. Revista Clínica De Periodoncia Implantología Y Rehabilitación Oral, 2012, 5, 78-82.	0.1	0
93	Presente y perspectivas de la investigación odontológica en Chile.. Journal of Oral Research, 2013, 2, 9-10.	0.1	0
94	Cuantificación de bacterias relacionadas con la caries dental en saliva de adultos y adultos mayores. Revista Clínica De Periodoncia Implantología Y Rehabilitación Oral, 2013, 6, 71-74.	0.1	0
95	Updated review on methods to determine dental pulp vitality. Journal of Stomatology, 2015, 67, 872-886.	0.2	0
96	Healthy Aging? Pensions, Quality of Life and the Challenges of Oral Health for the Elderly.. Journal of Oral Research, 2016, 5, 260-261.	0.1	0
97	Prescribing health to unveil the enemy. Restricting sugars consumption for oral and systemic health.. Journal of Oral Research, 2017, 6, 228-229.	0.1	0
98	Changes in the strategies for caries management in older adults; a non-invasive alternative.. Journal of Oral Research, 2018, 7, 6-7.	0.1	0
99	Fe de errores a «Creación de un Currículo de Competencias en Cariología para Estudiantes de Pregrado de Odontología en Chile». Revista Clínica De Periodoncia Implantología Y Rehabilitación Oral, 2018, 11, 129-129.	0.1	0
100	Developing a protocol for a preventive oral health exam for elderly people (EDePAM) using E-Delphi methodology. Brazilian Oral Research, 2022, 36, e013.	1.4	0
101	Sealing Dentin Caries with Resin-Modified Glass Ionomer Decreases Lesion Progression and Bacterial Survival in an Experimental Model. Journal of Adhesive Dentistry, 2015, 17, 207-12.	0.5	0