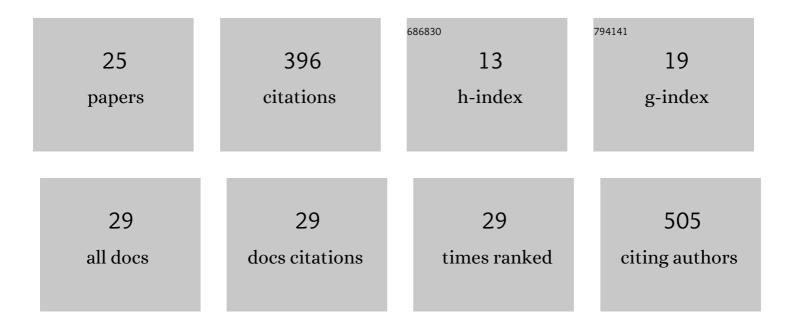
Sebastian Aguayo

List of Publications by Year in descending order

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SEBASTIAN ACUAYO

#	Article	IF	CITATIONS
1	Bacterial adhesion to collagens: implications for biofilm formation and disease progression in the oral cavity. Critical Reviews in Microbiology, 2022, 48, 83-95.	2.7	20
2	Caseâ€based learning to teach scientific thinking to dental students. Journal of Dental Education, 2022, 86, 1734-1736.	0.7	2
3	Nanomechanical and Molecular Characterization of Aging in Dentinal Collagen. Journal of Dental Research, 2022, 101, 840-847.	2.5	8
4	Ultrastructural characterisation of young and aged dental enamel by atomic force microscopy. Journal of Microscopy, 2022, 288, 185-192.	0.8	3
5	Association between Alzheimer's Disease and Oral and Gut Microbiota: Are Pore Forming Proteins the Missing Link?. Advances in Alzheimer's Disease, 2022, , .	0.2	0
6	Modulatory Effect of Glycated Collagen on Oral Streptococcal Nanoadhesion. Journal of Dental Research, 2021, 100, 82-89.	2.5	14
7	Antibacterial Effect of Honey-Derived Exosomes Containing Antimicrobial Peptides Against Oral Streptococci. International Journal of Nanomedicine, 2021, Volume 16, 4891-4900.	3.3	26
8	Dependency of hydration and growth conditions on the mechanical properties of oral biofilms. Scientific Reports, 2021, 11, 16234.	1.6	5
9	<i>In Vivo</i> Relationship between the Nano-Biomechanical Properties of Streptococcal Polysaccharide Capsules and Virulence Phenotype. ACS Nano, 2020, 14, 1070-1083.	7.3	7
10	Complex Interaction between Resident Microbiota and Misfolded Proteins: Role in Neuroinflammation and Neurodegeneration. Cells, 2020, 9, 2476.	1.8	31
11	Type I collagen hydrogels as a delivery matrix for royal jelly derived extracellular vesicles. Drug Delivery, 2020, 27, 1308-1318.	2.5	22
12	Exosome-like vesicles in <i>Apis mellifera</i> bee pollen, honey and royal jelly contribute to their antibacterial and pro-regenerative activity. Journal of Experimental Biology, 2019, 222, .	0.8	31
13	Potential Novel Strategies for the Treatment of Dental Pulp-Derived Pain: Pharmacological Approaches and Beyond. Frontiers in Pharmacology, 2019, 10, 1068.	1.6	16
14	<p>Phenotypic Properties of Collagen in Dentinogenesis Imperfecta Associated with Osteogenesis Imperfecta</p> . International Journal of Nanomedicine, 2019, Volume 14, 9423-9435.	3.3	21
15	A Multi-scale Biophysical Approach to Develop Structure-Property Relationships in Oral Biofilms. Scientific Reports, 2018, 8, 5691.	1.6	12
16	Nonmotile Single-Cell Migration as a Random Walk in Nonuniformity: The "Extreme Dumping Limit―for Cell-to-Cell Communications. Journal of Healthcare Engineering, 2018, 2018, 1-8.	1.1	1
17	Association between Alzheimer's Disease and Oral and Gut Microbiota: Are Pore Forming Proteins the Missing Link?. Journal of Alzheimer's Disease, 2018, 65, 29-46.	1.2	38
18	Early Adhesion of <i>Candida albicans</i> onto Dental Acrylic Surfaces. Journal of Dental Research, 2017, 96, 917-923.	2.5	26

SEBASTIAN AGUAYO

#	Article	IF	CITATIONS
19	Quantitative nanohistological investigation of scleroderma: an atomic force microscopy-based approach to disease characterization. International Journal of Nanomedicine, 2017, Volume 12, 411-420.	3.3	15
20	Probing the nanoadhesion of Streptococcus sanguinis to titanium implant surfaces by atomic force microscopy. International Journal of Nanomedicine, 2016, 11, 1443.	3.3	6
21	Mechanics of Bacterial Cells and Initial Surface Colonisation. Advances in Experimental Medicine and Biology, 2016, 915, 245-260.	0.8	14
22	Influence of biomaterial nanotopography on the adhesive and elastic properties of Staphylococcus aureus cells. RSC Advances, 2016, 6, 89347-89355.	1.7	15
23	Single-bacterium nanomechanics in biomedicine: unravelling the dynamics of bacterial cells. Nanotechnology, 2015, 26, 062001.	1.3	26
24	Nanoadhesion of <i>Staphylococcus aureus</i> onto Titanium Implant Surfaces. Journal of Dental Research, 2015, 94, 1078-1084.	2.5	29
25	A simple and robust method for pre-wetting poly (lactic-co-glycolic) acid microspheres. Journal of Biomaterials Applications, 2015, 30, 147-159.	1.2	7