

Sebastian Aguayo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7612354/publications.pdf>

Version: 2024-02-01

25
papers

396
citations

686830

13
h-index

794141

19
g-index

29
all docs

29
docs citations

29
times ranked

505
citing authors

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

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