

# Argelia Almaguer-Flores

## List of Publications by Citations

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20  
papers

319  
citations

10  
h-index

17  
g-index

23  
ext. papers

399  
ext. citations

5.2  
avg, IF

3.22  
L-index

#	Paper	IF	Citations
20	Role of integrin subunits in mesenchymal stem cell differentiation and osteoblast maturation on graphitic carbon-coated microstructured surfaces. <i>Biomaterials</i> , <b>2015</b> , 51, 69-79	15.6	71
19	Oral bacterial adhesion on amorphous carbon and titanium films: effect of surface roughness and culture media. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , <b>2010</b> , 92, 196-204	3.5	46
18	Subgingival microbiota of periodontally untreated Mexican subjects with generalized aggressive periodontitis. <i>Journal of Clinical Periodontology</i> , <b>2006</b> , 33, 869-77	7.7	42
17	Description of the subgingival microbiota of periodontally untreated Mexican subjects: chronic periodontitis and periodontal health. <i>Journal of Periodontology</i> , <b>2006</b> , 77, 460-71	4.6	33
16	Bacterial adhesion on amorphous and crystalline metal oxide coatings. <i>Materials Science and Engineering C</i> , <b>2015</b> , 57, 88-99	8.3	22
15	Oral bacterial adhesion on amorphous carbon films. <i>Diamond and Related Materials</i> , <b>2009</b> , 18, 1179-1185	3.5	19
14	Enhanced antibacterial nanocomposite mats by coaxial electrospinning of polycaprolactone fibers loaded with Zn-based nanoparticles. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2018</b> , 14, 1695-1706	6	17
13	Highly polydisperse keratin rich nanofibers: Scaffold design and in vitro characterization. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2019</b> , 107, 1803-1813	5.4	14
12	Influence of the Periodontal Status on the Initial-Biofilm Formation on Titanium Surfaces. <i>Clinical Implant Dentistry and Related Research</i> , <b>2016</b> , 18, 174-81	3.9	12
11	Antibacterial composite membranes of polycaprolactone/gelatin loaded with zinc oxide nanoparticles for guided tissue regeneration. <i>Biomedical Materials (Bristol)</i> , <b>2020</b> , 15, 035006	3.5	10
10	Enhancing the osteoblastic differentiation through nanoscale surface modifications. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2017</b> , 105, 498-509	5.4	9
9	Antibacterial effect of bismuth subsalicylate nanoparticles synthesized by laser ablation. <i>Journal of Nanoparticle Research</i> , <b>2015</b> , 17, 1	2.3	7
8	Potential of salivary proteins to reduce oral bacterial colonization on titanium implant surfaces. <i>Materials Letters</i> , <b>2019</b> , 252, 120-122	3.3	4
7	Antagonist effect of probiotic bifidobacteria on biofilms of pathogens associated with periodontal disease. <i>Microbial Pathogenesis</i> , <b>2021</b> , 150, 104657	3.8	4
6	Roughness and wettability of titanium implant surfaces modify the salivary pellicle composition. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , <b>2021</b> , 109, 1017-1028	3.5	3
5	Susceptibility of E. coli, P. aeruginosa, S. aureus and S. epidermidis to Different Bismuth Compounds.. <i>Materials Research Society Symposia Proceedings</i> , <b>2012</b> , 1487, 14		1
4	Proportion of antibiotic resistance in subgingival plaque samples from Mexican subjects. <i>Journal of Clinical Periodontology</i> , <b>2006</b> , 33, 743-8	7.7	1

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| 3 | Amelogenin Peptide Extract Increases Differentiation and Angiogenic and Local Factor Production and Inhibits Apoptosis in Human Osteoblasts. <i>ISRN Biomaterials</i> , <b>2013</b> , 2013, 1-11               |     | 1 |
| 2 | Nanostructured biomaterials with antimicrobial activity for tissue engineering <b>2020</b> , 81-137  |     | 1 |
| 1 | Biocompatibility and electrochemical evaluation of ZrO <sub>2</sub> thin films deposited by reactive magnetron sputtering on MgZnCa alloy. <i>Journal of Magnesium and Alloys</i> , <b>2021</b> , 9, 2019-2019 | 8.8 | 1 |