

Rita Rebelo

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.

19
papers

400
citations

9
h-index

20
g-index

20
ext. papers

527
ext. citations

5.7
avg. IF

4.07
L-index

#	Paper	IF	Citations
19	Biopolymers in Medical Implants: A Brief Review. <i>Procedia Engineering</i> , 2017 , 200, 236-243		111
18	Skin-Integrated Wearable Systems and Implantable Biosensors: A Comprehensive Review. <i>Biosensors</i> , 2020 , 10,	5.9	60
17	3D biosensors in advanced medical diagnostics of high mortality diseases. <i>Biosensors and Bioelectronics</i> , 2019 , 130, 20-39	11.8	54
16	Melanin nanoparticles as a promising tool for biomedical applications – a review. <i>Acta Biomaterialia</i> , 2020 , 105, 26-43	10.8	50
15	Influence of design parameters on the mechanical behavior and porosity of braided fibrous stents. <i>Materials and Design</i> , 2015 , 86, 237-247	8.1	28
14	Bioceramics for Osteochondral Tissue Engineering and Regeneration. <i>Advances in Experimental Medicine and Biology</i> , 2018 , 1058, 53-75	3.6	21
13	Morphology and oxygen incorporation effect on antimicrobial activity of silver thin films. <i>Applied Surface Science</i> , 2016 , 371, 1-8	6.7	21
12	Influence of oxygen content on the antibacterial effect of Ag-O coatings deposited by magnetron sputtering. <i>Surface and Coatings Technology</i> , 2016 , 305, 1-10	4.4	20
11	Development of label-free plasmonic Au-TiO thin film immunosensor devices. <i>Materials Science and Engineering C</i> , 2019 , 100, 424-432	8.3	19
10	An Outlook on Implantable Biosensors for Personalized Medicine. <i>Engineering</i> , 2021 , 7, 1696-1696	9.7	4
9	Poly Lactic Acid Fibre Based Biodegradable Stents and Their Functionalization Techniques. <i>RILEM Bookseries</i> , 2016 , 331-342	0.5	3
8	Electro-responsive controlled drug delivery from melanin nanoparticles. <i>International Journal of Pharmaceutics</i> , 2020 , 588, 119773	6.5	3
7	Biodetection and sensing for cancer diagnostics 2020 , 643-660		2
6	A SERS-based 3D nanobiosensor: towards cell metabolite monitoring. <i>Materials Advances</i> , 2020 , 1, 1613-1621	3.621	2
5	Aging Effect on Functionalized Silver-Based Nanocoating Braided Coronary Stents. <i>Coatings</i> , 2020 , 10, 1234	2.9	1
4	Current nanotechnology advances in diagnostic biosensors. <i>Medical Devices & Sensors</i> , 2021 , 4, e10156	1.6	1
3	Natural Polymers for Biophotonic Use 2021 , 1-20		

2 Natural Polymers for Biophotonic Use **2022**, 921-940

1 Biosensors Advances: Contributions to Cancer Diagnostics and Treatment. *Advances in Experimental Medicine and Biology*, **2022**, 259-273 3.6