

# Federica Paladini

## List of Publications by Citations

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29  
papers

913  
citations

18  
h-index

30  
g-index

30  
ext. papers

1,091  
ext. citations

4.8  
avg, IF

4.82  
L-index

#	Paper	IF	Citations
29	Antimicrobial Silver Nanoparticles for Wound Healing Application: Progress and Future Trends. <i>Materials</i> , <b>2019</b> , 12,	3.5	135
28	Metal-Based Antibacterial Substrates for Biomedical Applications. <i>Biomacromolecules</i> , <b>2015</b> , 16, 1873-856.9		117
27	Antibacterial coatings on haemodialysis catheters by photochemical deposition of silver nanoparticles. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2011</b> , 22, 2005-12	4.5	90
26	Metal nanoantimicrobials for textile applications. <i>Nanotechnology Reviews</i> , <b>2013</b> , 2, 307-331	6.3	52
25	Development of silver nano-coatings on silk sutures as a novel approach against surgical infections. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2014</b> , 25, 2205-14	4.5	49
24	Antimicrobial modified hydroxyapatite composite dental bite by stereolithography. <i>Polymers for Advanced Technologies</i> , <b>2018</b> , 29, 364-371	3.2	45
23	Silver-doped self-assembling di-phenylalanine hydrogels as wound dressing biomaterials. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2013</b> , 24, 2461-72	4.5	41
22	Surface chemical and biological characterization of flax fabrics modified with silver nanoparticles for biomedical applications. <i>Materials Science and Engineering C</i> , <b>2015</b> , 52, 1-10	8.3	39
21	Efficacy of silver treated catheters for haemodialysis in preventing bacterial adhesion. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2012</b> , 23, 1983-90	4.5	38
20	Efficacy of silver coated surgical sutures on bacterial contamination, cellular response and wound healing. <i>Materials Science and Engineering C</i> , <b>2016</b> , 69, 884-93	8.3	36
19	Silver-coated wool yarns with durable antibacterial properties. <i>Journal of Applied Polymer Science</i> , <b>2012</b> , 125, 2239-2244	2.9	32
18	Development of antibacterial and antifungal silver-coated polyurethane foams as air filtration units for the prevention of respiratory diseases. <i>Journal of Applied Microbiology</i> , <b>2014</b> , 116, 710-7	4.7	29
17	Effect of silver nanocoatings on catheters for haemodialysis in terms of cell viability, proliferation, morphology and antibacterial activity. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2013</b> , 24, 1105-12	4.5	24
16	Photo-assisted green synthesis of silver doped silk fibroin/carboxymethyl cellulose nanocomposite hydrogels for biomedical applications. <i>Materials Science and Engineering C</i> , <b>2020</b> , 107, 110219	8.3	23
15	In Vitro Assessment of the Antibacterial Potential of Silver Nano-Coatings on Cotton Gauzes for Prevention of Wound Infections. <i>Materials</i> , <b>2016</b> , 9,	3.5	21
14	Antibacterial and antifungal dressings obtained by photochemical deposition of silver nanoparticles. <i>Journal of Applied Polymer Science</i> , <b>2014</b> , 131, n/a-n/a	2.9	19
13	Bioinspired Materials for Wound Healing Application: The Potential of Silk Fibroin. <i>Materials</i> , <b>2020</b> , 13,	3.5	19

12	Development of regenerative and flexible fibroin-based wound dressings. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , <b>2019</b> , 107, 7-18	3.5	19
11	In-situ photo-assisted deposition of silver particles on hydrogel fibers for antibacterial applications. <i>Materials Science and Engineering C</i> , <b>2015</b> , 55, 42-9	8.3	18
10	The potential of photo-deposited silver coatings on Foley catheters to prevent urinary tract infections. <i>Materials Science and Engineering C</i> , <b>2016</b> , 69, 414-20	8.3	17
9	Spectroscopic Characterization and Nanosafety of Ag-Modified Antibacterial Leather and Leatherette. <i>Nanomaterials</i> , <b>2017</b> , 7,	5.4	13
8	Development of hybrid cotton/hydrogel yarns with improved absorption properties for biomedical applications. <i>Materials Science and Engineering C</i> , <b>2016</b> , 63, 563-9	8.3	12
7	A combined approach for the development of novel sutures with antibacterial and regenerative properties: the role of silver and silk sericin functionalization. <i>Journal of Materials Science: Materials in Medicine</i> , <b>2018</b> , 29, 133	4.5	10
6	An Innovative Green Process for the Stabilization and Valorization of the Organic Fraction of Municipal Solid Waste. <i>Applied Sciences (Switzerland)</i> , <b>2019</b> , 9, 4516	2.6	7
5	Development of antibacterial silver treatments on HDPE nets for agriculture. <i>Journal of Applied Polymer Science</i> , <b>2014</b> , 132, n/a-n/a	2.9	4
4	Antibacterial silver treatments on polymeric membranes for fouling control and disinfection in water filtration. <i>Journal of Applied Polymer Science</i> , <b>2016</b> , 133,	2.9	3
3	Progress and Perspectives in the Management of Wound Infections <b>2016</b> ,		1
2	Nonconventional Routes to Silver Nanoantimicrobials <b>2015</b> , 87-105		0
1	Application of Nanomaterials in Bioengineering. <i>Journal of Nanomaterials</i> , <b>2018</b> , 2018, 1-2	3.2	0