

Mauro Pollini

List of Publications by Citations

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34
papers

1,027
citations

19
h-index

32
g-index

35
ext. papers

1,215
ext. citations

4.7
avg, IF

4.86
L-index

#	Paper	IF	Citations
34	Antimicrobial Silver Nanoparticles for Wound Healing Application: Progress and Future Trends. <i>Materials</i> , 2019 , 12,	3.5	135
33	Metal-Based Antibacterial Substrates for Biomedical Applications. <i>Biomacromolecules</i> , 2015 , 16, 1873-856.9		117
32	Characterization of antibacterial silver coated yarns. <i>Journal of Materials Science: Materials in Medicine</i> , 2009 , 20, 2361-6	4.5	93
31	Antibacterial coatings on haemodialysis catheters by photochemical deposition of silver nanoparticles. <i>Journal of Materials Science: Materials in Medicine</i> , 2011 , 22, 2005-12	4.5	90
30	Metal nanoantimicrobials for textile applications. <i>Nanotechnology Reviews</i> , 2013 , 2, 307-331	6.3	52
29	Development of silver nano-coatings on silk sutures as a novel approach against surgical infections. <i>Journal of Materials Science: Materials in Medicine</i> , 2014 , 25, 2205-14	4.5	49
28	Antimicrobial modified hydroxyapatite composite dental bite by stereolithography. <i>Polymers for Advanced Technologies</i> , 2018 , 29, 364-371	3.2	45
27	Surface chemical and biological characterization of flax fabrics modified with silver nanoparticles for biomedical applications. <i>Materials Science and Engineering C</i> , 2015 , 52, 1-10	8.3	39
26	Efficacy of silver treated catheters for haemodialysis in preventing bacterial adhesion. <i>Journal of Materials Science: Materials in Medicine</i> , 2012 , 23, 1983-90	4.5	38
25	Efficacy of silver coated surgical sutures on bacterial contamination, cellular response and wound healing. <i>Materials Science and Engineering C</i> , 2016 , 69, 884-93	8.3	36
24	Silver-coated wool yarns with durable antibacterial properties. <i>Journal of Applied Polymer Science</i> , 2012 , 125, 2239-2244	2.9	32
23	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> , 2014 , 116, 710-7	4.7	29
22	Antibacterial natural leather for application in the public transport system 2013 , 10, 239-245		25
21	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> , 2013 , 24, 1105-12	4.5	24
20	Photo-assisted green synthesis of silver doped silk fibroin/carboxymethyl cellulose nanocomposite hydrogels for biomedical applications. <i>Materials Science and Engineering C</i> , 2020 , 107, 110219	8.3	23
19	In Vitro Assessment of the Antibacterial Potential of Silver Nano-Coatings on Cotton Gauzes for Prevention of Wound Infections. <i>Materials</i> , 2016 , 9,	3.5	21
18	Antibacterial and antifungal dressings obtained by photochemical deposition of silver nanoparticles. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	19

17	Bioinspired Materials for Wound Healing Application: The Potential of Silk Fibroin. <i>Materials</i> , 2020 , 13,	3.5	19
16	Development of regenerative and flexible fibroin-based wound dressings. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019 , 107, 7-18	3.5	19
15	In-situ photo-assisted deposition of silver particles on hydrogel fibers for antibacterial applications. <i>Materials Science and Engineering C</i> , 2015 , 55, 42-9	8.3	18
14	The potential of photo-deposited silver coatings on Foley catheters to prevent urinary tract infections. <i>Materials Science and Engineering C</i> , 2016 , 69, 414-20	8.3	17
13	Spectroscopic Characterization and Nanosafety of Ag-Modified Antibacterial Leather and Leatherette. <i>Nanomaterials</i> , 2017 , 7,	5.4	13
12	Investigation of Industrial Polyurethane Foams Modified with Antimicrobial Copper Nanoparticles. <i>Materials</i> , 2016 , 9,	3.5	13
11	Combined Approach for the Development of Efficient and Safe Nanoantimicrobials: The Case of Nanosilver-Modified Polyurethane Foams. <i>ACS Biomaterials Science and Engineering</i> , 2017 , 3, 1417-1425	5.5	12
10	In vivo testing of silver treated fibers for the evaluation of skin irritation effect and hypoallergenicity. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2014 , 102, 1031-37	3.5	12
9	Development of hybrid cotton/hydrogel yarns with improved absorption properties for biomedical applications. <i>Materials Science and Engineering C</i> , 2016 , 63, 563-9	8.3	12
8	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> , 2018 , 29, 133	4.5	10
7	An Innovative Green Process for the Stabilization and Valorization of the Organic Fraction of Municipal Solid Waste. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 4516	2.6	7
6	Development of antibacterial silver treatments on HDPE nets for agriculture. <i>Journal of Applied Polymer Science</i> , 2014 , 132, n/a-n/a	2.9	4
5	Antibacterial silver treatments on polymeric membranes for fouling control and disinfection in water filtration. <i>Journal of Applied Polymer Science</i> , 2016 , 133,	2.9	3
4	Progress and Perspectives in the Management of Wound Infections 2016 ,		1
3	Nonconventional Routes to Silver Nanoantimicrobials 2015 , 87-105		0
2	Application of Nanomaterials in Bioengineering. <i>Journal of Nanomaterials</i> , 2018 , 2018, 1-2	3.2	0
1	Nonsupercritical synthesis of microporous gels. <i>Journal of Applied Polymer Science</i> , 2008 , 110, 2563-2568.	2.9	0