

Mauro Pollini

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8405671/mauro-pollini-publications-by-year.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	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
33	Bioinspired Materials for Wound Healing Application: The Potential of Silk Fibroin. <i>Materials</i> , 2020 , 13,	3.5	19
32	Antimicrobial Silver Nanoparticles for Wound Healing Application: Progress and Future Trends. <i>Materials</i> , 2019 , 12,	3.5	135
31	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
30	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
29	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
28	Antimicrobial modified hydroxyapatite composite dental bite by stereolithography. <i>Polymers for Advanced Technologies</i> , 2018 , 29, 364-371	3.2	45
27	Application of Nanomaterials in Bioengineering. <i>Journal of Nanomaterials</i> , 2018 , 2018, 1-2	3.2	0
26	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
25	Spectroscopic Characterization and Nanosafety of Ag-Modified Antibacterial Leather and Leatherette. <i>Nanomaterials</i> , 2017 , 7,	5.4	13
24	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
23	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
22	Progress and Perspectives in the Management of Wound Infections 2016 ,		1
21	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
20	Investigation of Industrial Polyurethane Foams Modified with Antimicrobial Copper Nanoparticles. <i>Materials</i> , 2016 , 9,	3.5	13
19	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
18	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

17	Metal-Based Antibacterial Substrates for Biomedical Applications. <i>Biomacromolecules</i> , 2015 , 16, 1873-856.9		117
16	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
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	Nonconventional Routes to Silver Nanoantimicrobials 2015 , 87-105		0
13	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
12	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
11	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
10	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
9	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 ⁵		12
8	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 ⁵	4.5	24
7	Antibacterial natural leather for application in the public transport system 2013 , 10, 239-245		25
6	Metal nanoantimicrobials for textile applications. <i>Nanotechnology Reviews</i> , 2013 , 2, 307-331	6.3	52
5	Silver-coated wool yarns with durable antibacterial properties. <i>Journal of Applied Polymer Science</i> , 2012 , 125, 2239-2244	2.9	32
4	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
3	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
2	Characterization of antibacterial silver coated yarns. <i>Journal of Materials Science: Materials in Medicine</i> , 2009 , 20, 2361-6	4.5	93
1	Nonsupercritical synthesis of microporous gels. <i>Journal of Applied Polymer Science</i> , 2008 , 110, 2563-2568.9		