

Mauro Pollini

List of Publications by Year in descending order

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34
papers

1,411
citations

331259

21
h-index

433756

31
g-index

35
all docs

35
docs citations

35
times ranked

2231
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	3.8	37
2	Bioinspired Materials for Wound Healing Application: The Potential of Silk Fibroin. <i>Materials</i> , 2020, 13, 3361.	1.3	50
3	Antimicrobial Silver Nanoparticles for Wound Healing Application: Progress and Future Trends. <i>Materials</i> , 2019, 12, 2540.	1.3	280
4	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.	1.3	9
5	Development of regenerative and flexible fibroin-based wound dressings. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 7-18.	1.6	30
6	Antimicrobial modified hydroxyapatite composite dental bite by stereolithography. <i>Polymers for Advanced Technologies</i> , 2018, 29, 364-371.	1.6	56
7	Application of Nanomaterials in Bioengineering. <i>Journal of Nanomaterials</i> , 2018, 2018, 1-2.	1.5	1
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.	1.7	13
9	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.	2.6	18
10	Spectroscopic Characterization and Nanosafety of Ag-Modified Antibacterial Leather and Leatherette. <i>Nanomaterials</i> , 2017, 7, 203.	1.9	19
11	Progress and Perspectives in the Management of Wound Infections. , 2016, , .		1
12	In Vitro Assessment of the Antibacterial Potential of Silver Nano-Coatings on Cotton Gauzes for Prevention of Wound Infections. <i>Materials</i> , 2016, 9, 411.	1.3	31
13	Investigation of Industrial Polyurethane Foams Modified with Antimicrobial Copper Nanoparticles. <i>Materials</i> , 2016, 9, 544.	1.3	24
14	Development of hybrid cotton/hydrogel yarns with improved absorption properties for biomedical applications. <i>Materials Science and Engineering C</i> , 2016, 63, 563-569.	3.8	13
15	Efficacy of silver coated surgical sutures on bacterial contamination, cellular response and wound healing. <i>Materials Science and Engineering C</i> , 2016, 69, 884-893.	3.8	48
16	The potential of photo-deposited silver coatings on Foley catheters to prevent urinary tract infections. <i>Materials Science and Engineering C</i> , 2016, 69, 414-420.	3.8	20
17	Antibacterial silver treatments on polymeric membranes for fouling control and disinfection in water filtration. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	4
18	Development of antibacterial silver treatments on HDPE nets for agriculture. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	4

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19	In-situ photo-assisted deposition of silver particles on hydrogel fibers for antibacterial applications. <i>Materials Science and Engineering C</i> , 2015, 55, 42-49.	3.8	24
20	Nonconventional Routes to Silver Nanoantimicrobials. , 2015, , 87-105.		1
21	Metal-Based Antibacterial Substrates for Biomedical Applications. <i>Biomacromolecules</i> , 2015, 16, 1873-1885.	2.6	139
22	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.	3.8	48
23	Antibacterial and antifungal dressings obtained by photochemical deposition of silver nanoparticles. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	25
24	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, 1031-1037.	1.6	16
25	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, 710-717.	1.4	32
26	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, 2205-2214.	1.7	58
27	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, 1105-1112.	1.7	27
28	Antibacterial natural leather for application in the public transport system. <i>Journal of Coatings Technology Research</i> , 2013, 10, 239-245.	1.2	29
29	Metal nanoantimicrobials for textile applications. <i>Nanotechnology Reviews</i> , 2013, 2, 307-331.	2.6	67
30	Silver-coated wool yarns with durable antibacterial properties. <i>Journal of Applied Polymer Science</i> , 2012, 125, 2239-2244.	1.3	36
31	Efficacy of silver treated catheters for haemodialysis in preventing bacterial adhesion. <i>Journal of Materials Science: Materials in Medicine</i> , 2012, 23, 1983-1990.	1.7	41
32	Antibacterial coatings on haemodialysis catheters by photochemical deposition of silver nanoparticles. <i>Journal of Materials Science: Materials in Medicine</i> , 2011, 22, 2005-2012.	1.7	100
33	Characterization of antibacterial silver coated yarns. <i>Journal of Materials Science: Materials in Medicine</i> , 2009, 20, 2361-2366.	1.7	110
34	Nonsupercritical synthesis of microporous gels. <i>Journal of Applied Polymer Science</i> , 2008, 110, 2563-2568.	1.3	0