

# Teresa Amorim

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7907140/publications.pdf>

Version: 2024-02-01

47  
papers

1,757  
citations

377584

21  
h-index

312153

41  
g-index

48  
all docs

48  
docs citations

48  
times ranked

2532  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tiger 17 and pexiganan as antimicrobial and hemostatic boosters of cellulose acetate-containing poly(vinyl alcohol) electrospun mats for potential wound care purposes. <i>International Journal of Biological Macromolecules</i> , 2022, 209, 1526-1541.	3.6	14
2	Textile waste-reinforced cotton-silica aerogel composites for moisture regulation and thermal/acoustic barrier. <i>Journal of Sol-Gel Science and Technology</i> , 2022, 102, 574-588.	1.1	7
3	Morphology and water flux of produced cellulose acetate membranes reinforced by the design of experiments (DOE). <i>Carbohydrate Polymers</i> , 2021, 254, 117407.	5.1	18
4	Eugenol-Containing Essential Oils Loaded onto Chitosan/Polyvinyl Alcohol Blended Films and Their Ability to Eradicate <i>Staphylococcus aureus</i> or <i>Pseudomonas aeruginosa</i> from Infected Microenvironments. <i>Pharmaceutics</i> , 2021, 13, 195.	2.0	37
5	Functionalization of Crosslinked Sodium Alginate/Gelatin Wet-Spun Porous Fibers with Nisin Z for the Inhibition of <i>Staphylococcus aureus</i> -Induced Infections. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1930.	1.8	14
6	Bioactivity of Chitosan-Based Particles Loaded with Plant-Derived Extracts for Biomedical Applications: Emphasis on Antimicrobial Fiber-Based Systems. <i>Marine Drugs</i> , 2021, 19, 359.	2.2	23
7	The Potential of the Reed as a Regenerative Building Material—Characterisation of Its Durability, Physical, and Thermal Performances. <i>Energies</i> , 2021, 14, 4276.	1.6	11
8	Drug Targeting of Inflammatory Bowel Diseases by Biomolecules. <i>Nanomaterials</i> , 2021, 11, 2035.	1.9	14
9	Combining Experimental Data with Statistical Methods to Evaluate Hydrolyzed Reactive Dye Removal by $\text{Fe}_2\text{O}_3$ in a Cellulose-Based Membrane. <i>Fibers</i> , 2021, 9, 61.	1.8	1
10	Activity of Wet-Spun Fibers Chemically Modified with Active Biomolecules against Gram-Positive and Gram-Negative Bacteria. <i>Materials Proceedings</i> , 2021, 4, 85.	0.2	0
11	Antimicrobial action and clotting time of thin, hydrated poly(vinyl alcohol)/cellulose acetate films functionalized with LL37 for prospective wound-healing applications. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48626.	1.3	25
12	New method to produce poly(vinyl alcohol)/cellulose acetate films with improved antibacterial action. <i>Materials Today: Proceedings</i> , 2020, 31, S269-S272.	0.9	12
13	Poly(Vinyl Alcohol)-Based Nanofibrous Electrospun Scaffolds for Tissue Engineering Applications. <i>Polymers</i> , 2020, 12, 7.	2.0	141
14	Physical, Thermal, and Antibacterial Effects of Active Essential Oils with Potential for Biomedical Applications Loaded onto Cellulose Acetate/Polycaprolactone Wet-Spun Microfibers. <i>Biomolecules</i> , 2020, 10, 1129.	1.8	24
15	Porous composites based on cellulose acetate and alfa-hematite with optical and antimicrobial properties. <i>Carbohydrate Polymers</i> , 2020, 241, 116362.	5.1	11
16	Activity of Specialized Biomolecules against Gram-Positive and Gram-Negative Bacteria. <i>Antibiotics</i> , 2020, 9, 314.	1.5	77
17	Electrospun Nanocomposites Containing Cellulose and Its Derivatives Modified with Specialized Biomolecules for an Enhanced Wound Healing. <i>Nanomaterials</i> , 2020, 10, 557.	1.9	97
18	Synthesis of cellulose acetate using as raw material textile wastes. <i>Materials Today: Proceedings</i> , 2020, 31, S315-S317.	0.9	26

#	ARTICLE	IF	CITATIONS
19	Green Optimization of Glutaraldehyde Vapor-Based Crosslinking on Poly(Vinyl Alcohol)/Cellulose Acetate Electrospun Mats for Applications as Chronic Wound Dressings. <i>Proceedings (mdpi)</i> , 2020, 69, .	0.2	6
20	Combinatory Action of Chitosan-Based Blended Films and Loaded Cajeput Oil against <i>Staphylococcus aureus</i> and <i>Pseudomonas aeruginosa</i> -Mediated Infections. , 2020, 69, .		0
21	Modification of Ca <sup>2+</sup> -Crosslinked Sodium Alginate/Gelatin Films with Propolis for an Improved Antimicrobial Action. , 2020, 69, .		1
22	Silica aerogel composites with embedded fibres: a review on their preparation, properties and applications. <i>Journal of Materials Chemistry A</i> , 2019, 7, 22768-22802.	5.2	208
23	Upgrading of UV Protection Properties of Several Textile Fabrics by Their Dyeing with Grape Pomace Colorants. <i>Fibers and Polymers</i> , 2018, 19, 307-312.	1.1	36
24	Sustainability issues of ultrasonic wool dyeing with grape pomace colourant. <i>Natural Product Research</i> , 2017, 31, 1655-1662.	1.0	57
25	Functionalization of electrospun polymeric wound dressings with antimicrobial peptides. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 156, 133-148.	2.5	122
26	Antibacterial Electrospun Poly(vinyl alcohol)/Enzymatic Synthesized Poly(catechol) Nanofibrous Midlayer Membrane for Ultrafiltration. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 33107-33118.	4.0	50
27	Modification of microfiltration membranes by hydrogel impregnation for p<scp>DNA</scp> purification. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	10
28	Size and Aging Effects on Antimicrobial Efficiency of Silver Nanoparticles Coated on Polyamide Fabrics Activated by Atmospheric DBD Plasma. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 13731-13744.	4.0	103
29	Development of electrospun photocatalytic TiO <sub>2</sub> -polyamide-12 nanocomposites. <i>Materials Chemistry and Physics</i> , 2015, 164, 91-97.	2.0	38
30	Carbonation Front Progress in Mortars Containing Fly Ash Considering the Presence of Chloride Ions. <i>Key Engineering Materials</i> , 2014, 634, 214-221.	0.4	4
31	Plasmid DNA/RNA separation by ultrafiltration: Modeling and application study. <i>Journal of Membrane Science</i> , 2014, 463, 1-10.	4.1	8
32	A bi-layer electrospun nanofiber membrane for plasmid DNA recovery from fermentation broths. <i>Separation and Purification Technology</i> , 2013, 112, 20-25.	3.9	14
33	Obtention of plant peroxidase and its potential for the decolorization of the reactive dye Remazol Turquoise G 133%. <i>Water Science and Technology</i> , 2012, 65, 669-675.	1.2	11
34	Plasmid DNA recovery from fermentation broths by a combined process of micro- and ultrafiltration: Modeling and application. <i>Journal of Membrane Science</i> , 2012, 415-416, 24-35.	4.1	14
35	Novel copolymer for SiO <sub>2</sub> nanoparticles dispersion. <i>Journal of Applied Polymer Science</i> , 2012, 124, 1553-1561.	1.3	10
36	Ultrafiltration of supercoiled plasmid DNA: Modeling and application. <i>Journal of Membrane Science</i> , 2011, 378, 280-289.	4.1	22

#	ARTICLE	IF	CITATIONS
37	Functional finishing of polyamide fabrics using ZnO@PMMA nanocomposites. <i>Journal of Materials Science</i> , 2010, 45, 2427-2435.	1.7	46
38	Development of a model for membrane filtration of long and flexible macromolecules: Application to predict dextran and linear DNA rejections in ultrafiltration. <i>Journal of Membrane Science</i> , 2009, 336, 61-70.	4.1	18
39	Cellulosic Films Obtained from the Treatment of Sugarcane Bagasse Fibers with N-methylmorpholine-N-oxide (NMMO). <i>Applied Biochemistry and Biotechnology</i> , 2009, 154, 38-47.	1.4	14
40	Characterisation of ultrafiltration and nanofiltration membranes from rejections of neutral reference solutes using a model of asymmetric pores. <i>Journal of Membrane Science</i> , 2008, 319, 64-75.	4.1	22
41	Carboxymethylcellulose obtained by ethanol/water organosolv process under acid conditions. <i>Applied Biochemistry and Biotechnology</i> , 2007, 137-140, 573-582.	1.4	16
42	Control of irreversible fouling by application of dynamic membranes. <i>Desalination</i> , 2006, 192, 63-67.	4.0	27
43	Characterisation of ultra- and nanofiltration membranes for predictive purposes – development of a model for hindered transport of uncharged solutes in asymmetric pores. <i>Desalination</i> , 2006, 200, 152-154.	4.0	1
44	Postsynthesis modification of a cellulose acetate ultrafiltration membrane for applications in water and wastewater treatment. <i>Environmental Progress</i> , 2005, 24, 367-382.	0.8	21
45	Degradation of mixtures of phenols using boron doped diamond electrodes for wastewater treatment. <i>Electrochimica Acta</i> , 2004, 49, 1587-1595.	2.6	62
46	Decolorization of an anthraquinone-type dye using a laccase formulation. <i>Bioresource Technology</i> , 2001, 79, 171-177.	4.8	118
47	Anaerobic decolorization of an azo dye by a mixed culture. <i>Toxicological and Environmental Chemistry</i> , 2001, 79, 81-93.	0.6	7