

# Jana Horakova

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/8582151/jana-horakova-publications-by-year.pdf>

**Version:** 2024-04-29

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.

20  
papers

200  
citations

8  
h-index

13  
g-index

21  
ext. papers

265  
ext. citations

3.5  
avg, IF

3.07  
L-index

#	Paper	IF	Citations
20	Comparison and characterization of different polyester nano/micro fibres for use in tissue engineering applications. <i>Journal of Industrial Textiles</i> , <b>2021</b> , 50, 870-890	1.6	7
19	A PVDF electrospun antifibrotic composite for use as a glaucoma drainage implant. <i>Materials Science and Engineering C</i> , <b>2021</b> , 119, 111637	8.3	7
18	Double-layered Nanofibrous Patch for Prevention of Anastomotic Leakage and Peritoneal Adhesions, Experimental Study. <i>In Vivo</i> , <b>2021</b> , 35, 731-741	2.3	2
17	Reinforcement of Colonic Anastomosis with Improved Ultrafine Nanofibrous Patch: Experiment on Pig. <i>Biomedicines</i> , <b>2021</b> , 9,	4.8	1
16	The assessment of electrospun scaffolds fabricated from polycaprolactone with the addition of L-arginine. <i>Biomedical Physics and Engineering Express</i> , <b>2020</b> , 6, 025012	1.5	3
15	Impact of Various Sterilization and Disinfection Techniques on Electrospun Poly-ε-caprolactone. <i>ACS Omega</i> , <b>2020</b> , 5, 8885-8892	3.9	21
14	Histological mapping of porcine carotid arteries - An animal model for the assessment of artificial conduits suitable for coronary bypass grafting in humans. <i>Annals of Anatomy</i> , <b>2020</b> , 228, 151434	2.9	6
13	A comparative study between chemically modified and copper nanoparticle immobilized Nylon 6 films to explore their efficiency in fighting against two types of pathogenic bacteria. <i>European Polymer Journal</i> , <b>2020</b> , 122, 109392	5.2	8
12	The post-morphological analysis of electrospun vascular grafts following mechanical testing. <i>Journal of Polymer Engineering</i> , <b>2018</b> , 38, 525-535	1.4	1
11	How does the surface treatment change the cytocompatibility of implants made by selective laser melting?. <i>Expert Review of Medical Devices</i> , <b>2018</b> , 15, 313-321	3.5	5
10	Generating standardized image data for testing and calibrating quantification of volumes, surfaces, lengths, and object counts in fibrous and porous materials using X-ray microtomography. <i>Microscopy Research and Technique</i> , <b>2018</b> , 81, 551-568	2.8	17
9	Comprehensive assessment of electrospun scaffolds hemocompatibility. <i>Materials Science and Engineering C</i> , <b>2018</b> , 82, 330-335	8.3	32
8	The effect of ethylene oxide sterilization on electrospun vascular grafts made from biodegradable polyesters. <i>Materials Science and Engineering C</i> , <b>2018</b> , 92, 132-142	8.3	30
7	Electrospun vascular grafts fabricated from poly(L-lactide-co-ε-caprolactone) used as a bypass for the rabbit carotid artery. <i>Biomedical Materials (Bristol)</i> , <b>2018</b> , 13, 065009	3.5	8
6	Effective poly(ethylene glycol) methyl ether grafting technique onto Nylon 6 surface to achieve resistance against pathogenic bacteria <i>Staphylococcus aureus</i> and <i>Pseudomonas aeruginosa</i> . <i>Journal of Materials Science</i> , <b>2018</b> , 53, 14104-14120	4.3	9
5	Mechanical investigation of bilayer vascular grafts electrospun from aliphatic polyesters. <i>Polymers for Advanced Technologies</i> , <b>2017</b> , 28, 201-213	3.2	6
4	Composite fibrous glaucoma drainage implant. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 254, 062006	0.4	

3	Design of Polycaprolactone Vascular Grafts. <i>Journal of Industrial Textiles</i> , <b>2016</b> , 45, 813-833	1.6	20
2	Fabrication of Silk Fibroin Nanofibres by Needleless Electrospinning <b>2016</b> ,		5
1	Pure Chitosan and Chitsoan/Chitosan Lactate Blended Nanofibres made by Single Step Electrospinning. <i>Autex Research Journal</i> , <b>2013</b> , 13, 128-133	1	12