Vera Jencova

List of Publications by Year in descending order

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26	456	686830 13	752256 20
papers	citations	h-index	g-index

27	27	27	610
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	AC electrospinning: impact of high voltage and solvent on the electrospinnability and productivity of polycaprolactone electrospun nanofibrous scaffolds. Materials Today Chemistry, 2022, 26, 101025.	1.7	30
2	Comparison and characterization of different polyester nano/micro fibres for use in tissue engineering applications. Journal of Industrial Textiles, 2021, 50, 870-890.	1.1	13
3	Bacterial Biofilms on Polyamide Nanofibers: Factors Influencing Biofilm Formation and Evaluation. ACS Applied Materials & Interfaces, 2021, 13, 2277-2288.	4.0	28
4	Benefits of Polyamide Nanofibrous Materials: Antibacterial Activity and Retention Ability for Staphylococcus Aureus. Nanomaterials, 2021, 11, 480.	1.9	6
5	The Effect of a Polyester Nanofibrous Membrane with a Fibrin-Platelet Lysate Coating on Keratinocytes and Endothelial Cells in a Co-Culture System. Nanomaterials, 2021, 11, 457.	1.9	6
6	The Effect of the Controlled Release of Platelet Lysate from PVA Nanomats on Keratinocytes, Endothelial Cells and Fibroblasts. Nanomaterials, 2021, 11, 995.	1.9	5
7	Novel lipophosphonoxin-loaded polycaprolactone electrospun nanofiber dressing reduces Staphylococcus aureus induced wound infection in mice. Scientific Reports, 2021, 11, 17688.	1.6	13
8	Degradation of polycaprolactone electrospun materials - methods of analysis. , 2021, , .		0
9	Drawn aligned polymer microfibres for tissue engineering. Journal of Industrial Textiles, 2020, 50, 263-277.	1.1	3
10	Novel double-layered planar scaffold combining electrospun PCL fibers and PVA hydrogels with high shape integrity and water stability. Materials Letters, 2020, 263, 127281.	1.3	23
11	Large-scale electrospinning of poly (vinylalcohol) nanofibers incorporated with platelet-derived growth factors. EXPRESS Polymer Letters, 2020, 14, 987-1000.	1.1	12
12	The assessment of electrospun scaffolds fabricated from polycaprolactone with the addition of L-arginine. Biomedical Physics and Engineering Express, 2020, 6, 025012.	0.6	5
13	Novel chapter in hybrid materials: One-pot synthesis of purely organosilane fibers. Polymer, 2020, 190, 122234.	1.8	5
14	A two-layer skin construct consisting of a collagen hydrogel reinforced by a fibrin-coated polylactide nanofibrous membrane . International Journal of Nanomedicine, 2019, Volume 14, 5033-5050.	3.3	30
15	Cyclodextrin-Polypyrrole Coatings of Scaffolds for Tissue Engineering. Polymers, 2019, 11, 459.	2.0	9
16	Comprehensive assessment of electrospun scaffolds hemocompatibility. Materials Science and Engineering C, 2018, 82, 330-335.	3.8	48
17	The combination of nanofibrous and microfibrous materials for enhancement of cell infiltration and in vivo bone tissue formation. Biomedical Materials (Bristol), 2018, 13, 025004.	1.7	21
18	Electrospun vascular grafts fabricated from poly(L -lactide-co- Îµ -caprolactone) used as a bypass for the rabbit carotid artery. Biomedical Materials (Bristol), 2018, 13, 065009.	1.7	13

#	Article	IF	Citations
19	The effect of ethylene oxide sterilization on electrospun vascular grafts made from biodegradable polyesters. Materials Science and Engineering C, 2018, 92, 132-142.	3.8	45
20	The combination of meltblown technology and electrospinning â€“ The influence of the ratio of micro and nanofibers on cell viability. Materials Letters, 2016, 173, 153-157.	1.3	17
21	The combination of meltblown and electrospinning for bone tissue engineering. Materials Letters, 2015, 143, 172-176.	1.3	35
22	Nucleotide sequence, organization and characterization of the (halo)aromatic acid catabolic plasmid pA81 from Achromobacter xylosoxidans A8. Research in Microbiology, 2008, 159, 118-127.	1.0	34
23	Integrase of Mason-Pfizer monkey virus. FEBS Journal, 2004, 272, 203-216.	2.2	14
24	Chlorocatechol catabolic enzymes from Achromobacter xylosoxidans A8. International Biodeterioration and Biodegradation, 2004, 54, 175-181.	1.9	24
25	Nanofibrous Scaffolds for Skin Tissue Engineering and Wound Healing Based on Synthetic Polymers. , 0, , .		11
26	Nanofibrous Scaffolds for Skin Tissue Engineering and Wound Healing Based on Nature-Derived Polymers. , 0, , .		2