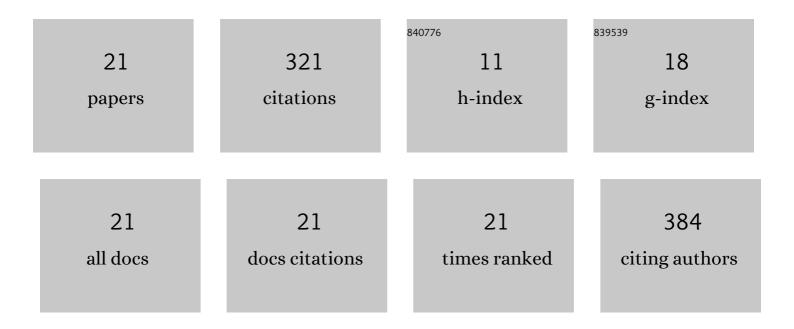
Jakub Erben

List of Publications by Year in descending order

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IAKUR FOREN

#	Article	IF	CITATIONS
1	A comparison study of nanofiber, microfiber, and new composite nano/microfiber polymers used as sorbents for on-line solid phase extraction in chromatography system. Analytica Chimica Acta, 2018, 1023, 44-52.	5.4	42
2	Impact of Various Sterilization and Disinfection Techniques on Electrospun Poly-Îμ-caprolactone. ACS Omega, 2020, 5, 8885-8892.	3.5	36
3	The combination of meltblown and electrospinning for bone tissue engineering. Materials Letters, 2015, 143, 172-176.	2.6	35
4	Biomimetic hierarchical nanofibrous surfaces inspired by superhydrophobic lotus leaf structure for preventing tissue adhesions. Materials and Design, 2022, 217, 110661.	7.0	25
5	3D-Printed Magnetic Stirring Cages for Semidispersive Extraction of Bisphenols from Water Using Polymer Micro- and Nanofibers. Analytical Chemistry, 2020, 92, 3964-3971.	6.5	21
6	<i>In vitro</i> degradation and <i>in vivo</i> toxicity of NanoMatrix3D [®] polycaprolactone and poly(lactic acid) nanofibrous scaffolds. Journal of Biomedical Materials Research - Part A, 2018, 106, 2200-2212.	4.0	20
7	Polycaprolactone nanofibers functionalized with aÂdopamine coating for on-line solid phase extraction of bisphenols, betablockers, nonsteroidal drugs, and phenolic acids. Mikrochimica Acta, 2019, 186, 710.	5.0	20
8	The combination of meltblown technology and electrospinning – The influence of the ratio of micro and nanofibers on cell viability. Materials Letters, 2016, 173, 153-157.	2.6	17
9	The effect of material and process parameters on the surface energy of polycaprolactone fibre layers. Materials and Design, 2021, 205, 109748.	7.0	17
10	A PVDF electrospun antifibrotic composite for use as a glaucoma drainage implant. Materials Science and Engineering C, 2021, 119, 111637.	7.3	15
11	ac Bubble Electrospinning Technology for Preparation of Nanofibrous Mats. ACS Omega, 2020, 5, 8268-8271.	3.5	12
12	Screening of extraction properties of nanofibers in a sequential injection analysis system using a 3D printed device. Talanta, 2019, 197, 517-521.	5.5	11
13	Poly-ε-caprolactone Nanofibrous Polymers: A Simple Alternative to Restricted Access Media for Extraction of Small Molecules from Biological Matrixes. Analytical Chemistry, 2020, 92, 6801-6805.	6.5	11
14	Novel nanofibrous sorbents for the extraction and determination of resveratrol in wine. Talanta, 2020, 206, 120181.	5.5	10
15	Comparison study of nanofibers, composite nano/microfiber materials, molecularly imprinted polymers, and core-shell sorbents used for on-line extraction-liquid chromatography of ochratoxins in Tokaj wines. Microchemical Journal, 2021, 170, 106680.	4.5	8
16	Nanofibrous Online Solid-Phase Extraction Coupled with Liquid Chromatography for the Determination of Neonicotinoid Pesticides in River Waters. Membranes, 2022, 12, 648.	3.0	5
17	Stenting to prevent esophageal stricture after circumferential endoscopic submucosal dissection: an experimental study. Endoscopy International Open, 2020, 08, E1698-E1706.	1.8	4
18	The role of pKa, log P of analytes, and protein matrix in solid-phase extraction using native and coated nanofibrous and microfibrous polymers prepared via meltblowing and combined meltblowing/electrospinning technologies. Talanta, 2021, 232, 122470.	5.5	4

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19	Polycaprolactone Composite Micro/Nanofibrous Material as an Alternative to Restricted Access Media for Direct Extraction and Separation of Non-Steroidal Anti-Inflammatory Drugs from Human Serum Using Column-Switching Chromatography. Nanomaterials, 2021, 11, 2669.	4.1	4
20	On-line polydopamine coating as a new way to functionalize polypropylene fiber sorbent for solid phase extraction. Talanta, 2020, 219, 121189.	5.5	3
21	The effect of the electrospinning setup on the surface energy of polycaprolactone nanofibre layers. Journal of Industrial Textiles, 2022, 51, 8517S-8527S.	2.4	1