

# Ece Bayir

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Optimization of bacterial cellulose production by <i>Gluconacetobacter xylinus</i> using carob and haricot bean. <i>International Journal of Biological Macromolecules</i> , 2016, 90, 2-10.	7.5	84
2	Production of hydroxyapatite-bacterial cellulose composite scaffolds with enhanced pore diameters for bone tissue engineering applications. <i>Cellulose</i> , 2019, 26, 9803-9817.	4.9	34
3	The effects of different intensities, frequencies and exposure times of extremely low-frequency electromagnetic fields on the growth of <i>Staphylococcus aureus</i> and <i>Escherichia coli</i> O157:H7. <i>Electromagnetic Biology and Medicine</i> , 2015, 34, 14-18.	1.4	26
4	pH-Responsive Polymersome Microparticles as Smart Cyclodextrin-Releasing Agents. <i>Biomacromolecules</i> , 2019, 20, 4001-4007.	5.4	25
5	Mechanobiology of cells and cell systems, such as organoids. <i>Biophysical Reviews</i> , 2019, 11, 721-728.	3.2	22
6	Role of Intermediate Filaments in Blood-Brain Barrier in Health and Disease. <i>Cells</i> , 2021, 10, 1400.	4.1	22
7	Effect of surfactant types on the biocompatibility of electrospun HAp/PHBV composite nanofibers. <i>Journal of Materials Science: Materials in Medicine</i> , 2014, 25, 2677-2689.	3.6	21
8	The use of bacterial cellulose as a basement membrane improves the plausibility of the static in vitro blood-brain barrier model. <i>International Journal of Biological Macromolecules</i> , 2019, 126, 1002-1013.	7.5	12
9	pH-bioresponsive poly( $\mu$ -caprolactone)-based polymersome for effective drug delivery in cancer and protein glycoxidation prevention. <i>Archives of Biochemistry and Biophysics</i> , 2020, 695, 108643.	3.0	12
10	Bacterial cellulose based facial mask with antioxidant property and high moisturizing capacity. <i>Cellulose</i> , 2021, 28, 10399-10414.	4.9	9
11	In Vitro Biocompatibility and Antibacterial Activity of Electrospun Ag Doped HAp/PHBV Composite Nanofibers. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2015, 64, 465-473.	3.4	6
12	Implementation of Nanoparticles in Cancer Therapy. <i>Advances in Chemical and Materials Engineering Book Series</i> , 2014, , 447-491.	0.3	5
13	Biocompatible polymeric coatings do not inherently reduce the cytotoxicity of iron oxide nanoparticles. <i>Turkish Journal of Biology</i> , 2017, 41, 322-332.	0.8	4
14	Glutathione Encapsulation in Core-Shell Drug Nanocarriers (Polymersomes and Niosomes) Prevents Advanced Glycation End-products Toxicities. <i>International Journal of Peptide Research and Therapeutics</i> , 2021, 27, 2809-2821.	1.9	3
15	A polyplex human saliva peptide histatin 5-grafted methoxy PEG-b-polycaprolactone polymersome for intelligent stimuli-oriented doxorubicin delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 67, 102958.	3.0	3
16	Coculture model of blood-brain barrier on electrospun nanofibers. <i>Turkish Journal of Biology</i> , 2020, 44, 121-132.	0.8	2
17	In Vitro Human Blood-Brain Barrier Model for Drug Permeability Testing. <i>Methods in Molecular Biology</i> , 2021, 2367, 73-85.	0.9	2
18	Implementation of Nanoparticles in Cancer Therapy. , 2017, , 1212-1257.		0