

# Nimet Bolgen

## List of Publications by Year in descending order

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45  
papers

1,447  
citations

471061

17  
h-index

329751

37  
g-index

47  
all docs

47  
docs citations

47  
times ranked

2076  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tailoring the spatial filament organization within nanofibrous tissue engineering scaffolds. International Journal of Polymeric Materials and Polymeric Biomaterials, 2022, 71, 24-33.	1.8	1
2	Electrospun Composite Nanofibers Based on Poly ( $\mu$ -Caprolactone) and StyraX Liquidus (Liquidambar) Tj ETQq0 0 0 rgBT /Overlock 10 T Cytocompatibility Results. Journal of Polymers and the Environment, 2022, 30, 2462-2473.	2.4	7
3	Assessment of $\langle$ scp $\rangle$ chitosan:gum $\langle$ /scp $\rangle$ tragacanth cryogels for tissue engineering applications. Polymer International, 2022, 71, 1109-1118.	1.6	2
4	Novel styraX liquidus loaded chitosan/polyvinyl alcohol cryogels with antioxidant and antimicrobial properties. Journal of Applied Polymer Science, 2022, 139, .	1.3	9
5	Impact of injectable chitosan cryogel microspherescaffolds on differentiation and proliferation of adiposederived mesenchymal stem cells into fat cells. Journal of Biomaterials Applications, 2022, 36, 1335-1345.	1.2	2
6	Introduction and Fundamentals of Electrospinning. , 2022, , 3-34.		4
7	Extraction of pectin from albedo of lemon peels for preparation of tissue engineering scaffolds. Polymer Bulletin, 2021, 78, 2211-2226.	1.7	38
8	Biomimetic mineralization of chitosan/gelatin cryogels and in vivo biocompatibility assessments for bone tissue engineering. Journal of Applied Polymer Science, 2021, 138, 50337.	1.3	17
9	Macroporous Cryogels for Water Purification. Advanced Sciences and Technologies for Security Applications, 2021, , 275-290.	0.4	2
10	Cover Image, Volume 138, Issue 14. Journal of Applied Polymer Science, 2021, 138, 50437.	1.3	0
11	Fabrication of basalt embedded composite fiber membrane using electrospinning method and response surface methodology. Journal of Applied Polymer Science, 2021, 138, 50599.	1.3	9
12	Injectable chitosan cryogel microspheres with biocompatible properties on mammalian macrophages in vitro. Journal of Materials Science, 2021, 56, 17268-17277.	1.7	6
13	Electrospinning of Gelatin Nanofibers: Effect of gelatin concentration on chemical, morphological and degradation characteristics. Turkish Journal of Engineering, 2021, 5, 171-176.	0.7	6
14	Electrospun Nanomaterials: Applications in Water Contamination Remediation. Advanced Sciences and Technologies for Security Applications, 2021, , 197-213.	0.4	0
15	Dual stimuli-responsive chitosan grafted poly(NIPAM-co-AAc)/poly(vinyl alcohol) hydrogels for drug delivery applications. International Journal of Polymeric Materials and Polymeric Biomaterials, 2021, 70, 810-819.	1.8	11
16	Differential anti-inflammatory properties of chitosan-based cryogel scaffolds depending on chitosan/gelatin ratio. Artificial Cells, Nanomedicine and Biotechnology, 2021, 49, 682-690.	1.9	11
17	Chitosan cryogel microspheres decorated with silver nanoparticles as injectable and antimicrobial scaffolds. International Journal of Polymeric Materials and Polymeric Biomaterials, 2020, 69, 919-927.	1.8	10
18	Synthesis of silver nanoflakes on chitosan hydrogel beads and their antimicrobial potential. International Journal of Polymer Analysis and Characterization, 2020, 25, 421-430.	0.9	2

#	ARTICLE	IF	CITATIONS
19	Development of Hypericum perforatum oil incorporated antimicrobial and antioxidant chitosan cryogel as a wound dressing material. International Journal of Biological Macromolecules, 2020, 161, 1581-1590.	3.6	43
20	Recent Advances of Electrospinning and Multifunctional Electrospun Textile Materials for Chemical and Biological Protection. NATO Science for Peace and Security Series B: Physics and Biophysics, 2020, , 275-289.	0.2	1
21	Green synthesized silver nanoparticles loaded PVA/Starch cryogel scaffolds with antibacterial properties. Tehnički Glasnik, 2019, 13, 1-6.	0.4	3
22	Stem cells combined 3D electrospun nanofibrous and macrochannelled matrices: a preliminary approach in repair of rat cranial bones. Artificial Cells, Nanomedicine and Biotechnology, 2019, 47, 1094-1100.	1.9	9
23	Novel 3D electrospun polyamide scaffolds prepared by 3D printed collectors and their interaction with chondrocytes. International Journal of Polymeric Materials and Polymeric Biomaterials, 2018, 67, 143-150.	1.8	14
24	A novel strategy for cartilage tissue engineering: Collagenase-loaded cryogel scaffolds in a sheep model. International Journal of Polymeric Materials and Polymeric Biomaterials, 2018, 67, 313-321.	1.8	9
25	Comparison of additive effects on the PVA/starch cryogels: Synthesis, characterization, cytotoxicity, and genotoxicity studies. International Journal of Polymeric Materials and Polymeric Biomaterials, 2018, 67, 855-864.	1.8	13
26	Nanocomposites of Electrospun Polymeric Materials As Protective Textiles Against Chemical and Biological Hazards. NATO Science for Peace and Security Series B: Physics and Biophysics, 2018, , 253-258.	0.2	1
27	Biodegradable polymeric micelles for drug delivery applications. , 2018, , 635-651.		7
28	Magnetic nanoparticle-loaded electrospun poly( $\mu$ -caprolactone) nanofibers for drug delivery applications. Applied Nanoscience (Switzerland), 2018, 8, 1461-1469.	1.6	34
29	Gelatin- and hydroxyapatite-based cryogels for bone tissue engineering: synthesis, characterization, <i>in vitro</i> and <i>in vivo</i> biocompatibility. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 20-33.	1.3	60
30	Synthesis and characterization of injectable chitosan cryogel microsphere scaffolds. International Journal of Polymeric Materials and Polymeric Biomaterials, 2017, 66, 686-696.	1.8	24
31	Effect of crosslinking methods on the structure and biocompatibility of polyvinyl alcohol/gelatin cryogels. Bio-Medical Materials and Engineering, 2016, 27, 327-340.	0.4	31
32	Extraction and Characterization of Chitin and Chitosan from Blue Crab and Synthesis of Chitosan Cryogel Scaffolds. Journal of the Turkish Chemical Society, Section A: Chemistry, 2016, 3, .	0.4	21
33	Thermoresponsive biodegradable HEMA-Lactate-Dextran-co-NIPA cryogels for controlled release of simvastatin. Artificial Cells, Nanomedicine and Biotechnology, 2015, 43, 40-49.	1.9	13
34	Stem cell suspension injected HEMA-lactate-dextran cryogels for regeneration of critical sized bone defects. Artificial Cells, Nanomedicine and Biotechnology, 2014, 42, 70-77.	1.9	27
35	3D ingrowth of bovine articular chondrocytes in biodegradable cryogel scaffolds for cartilage tissue engineering. Journal of Tissue Engineering and Regenerative Medicine, 2011, 5, 770-779.	1.3	33
36	SAXS Investigation of the Effect of Temperature on the Multiscale Structure of a Macroporous Poly( <i>N</i> -isopropylacrylamide) Gel. Macromolecules, 2010, 43, 2009-2017.	2.2	42

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37	<i>In vivo</i> performance of simvastatin-loaded electrospun spiral-wound polycaprolactone scaffolds in reconstruction of cranial bone defects in the rat model. Journal of Biomedical Materials Research - Part A, 2009, 90A, 1137-1151.	2.1	102
38	Tissue responses to novel tissue engineering biodegradable cryogel scaffolds: An animal model. Journal of Biomedical Materials Research - Part A, 2009, 91A, 60-68.	2.1	38
39	Imaging the Structure of Macroporous Hydrogels by Two-Photon Fluorescence Microscopy. Macromolecules, 2009, 42, 2749-2755.	2.2	17
40	Three-Dimensional Ingrowth of Bone Cells Within Biodegradable Cryogel Scaffolds in Bioreactors at Different Regimes. Tissue Engineering - Part A, 2008, 14, 1743-1750.	1.6	80
41	Cryogelation for preparation of novel biodegradable tissue-engineering scaffolds. Journal of Biomaterials Science, Polymer Edition, 2007, 18, 1165-1179.	1.9	56
42	Electrospun matrices made of poly( $\epsilon$ -hydroxy acids) for medical use. Nanomedicine, 2007, 2, 441-457.	1.7	54
43	Nano- and micro-fiber combined scaffolds: A new architecture for bone tissue engineering. Journal of Materials Science: Materials in Medicine, 2005, 16, 1099-1104.	1.7	310
44	In vitro and in vivo degradation of non-woven materials made of poly( $\epsilon$ -caprolactone) nanofibers prepared by electrospinning under different conditions. Journal of Biomaterials Science, Polymer Edition, 2005, 16, 1537-1555.	1.9	265
45	Three-Dimensional Ingrowth of Bone Cells within Biodegradable Cryogel Scaffolds in Bioreactors at Different Regimes. Tissue Engineering - Part A, 0, , 110306231138043.	1.6	1