

# Zeliha Guler

## List of Publications by Year in descending order

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28  
papers

408  
citations

759233

12  
h-index

794594

19  
g-index

29  
all docs

29  
docs citations

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times ranked

520  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical impedance and spectroscopy study of the EDC/NHS activation of the carboxyl groups on poly( $\mu$ -caprolactone)/poly(m-anthranilic acid) nanofibers. EXPRESS Polymer Letters, 2016, 10, 96-110.	2.1	38
2	In Vitro Bacterial Adhesion and Biofilm Formation on Fully Absorbable Poly-4-hydroxybutyrate and Nonabsorbable Polypropylene Pelvic Floor Implants. ACS Applied Materials & Interfaces, 2020, 12, 53646-53653.	8.0	35
3	Electrochemical impedance spectroscopic study of single-stranded DNA-immobilized electroactive polypyrrole-coated electrospun poly( $\mu$ -caprolactone) nanofibers. Materials Express, 2015, 5, 269-279.	0.5	33
4	RGD functionalized poly( $\mu$ -caprolactone)/poly(m-anthranilic acid) electrospun nanofibers as high-performing scaffolds for bone tissue engineering RGD functionalized PCL/P3ANA nanofibers. International Journal of Polymeric Materials and Polymeric Biomaterials, 2017, 66, 139-148.	3.4	32
5	Impedimetric DNA biosensor based on polyurethane/poly(m-anthranilic acid) nanofibers. Sensors and Actuators B: Chemical, 2018, 254, 719-726.	7.8	30
6	Covalent Immobilization of Tyrosinase on Electrospun Polyacrylonitrile/Polyurethane/Poly(m-anthranilic acid) Nanofibers: An Electrochemical Impedance Study. Polymer-Plastics Technology and Engineering, 2015, 54, 1494-1504.	1.9	28
7	Role of Fibroblasts and Myofibroblasts on the Pathogenesis and Treatment of Pelvic Organ Prolapse. Biomolecules, 2022, 12, 94.	4.0	28
8	Vaginal Er:YAG laser application in the menopausal ewe model: a randomised estrogen and sham-controlled trial. BJOG: an International Journal of Obstetrics and Gynaecology, 2021, 128, 1087-1096.	2.3	22
9	Fully absorbable poly-4-hydroxybutyrate implants exhibit more favorable cell-matrix interactions than polypropylene. Materials Science and Engineering C, 2021, 120, 111702.	7.3	18
10	Evaluation of the short-term host response and biomechanics of an absorbable poly-4-hydroxybutyrate scaffold in a sheep model following vaginal implantation. BJOG: an International Journal of Obstetrics and Gynaecology, 2022, 129, 1039-1049.	2.3	16
11	New Preparation Route of TiO <sub>2</sub> /SUB> Nanofibers by Electrospinning: Spectroscopic and Thermal Characterizations. Science of Advanced Materials, 2014, 6, 2618-2624.	0.7	15
12	Biophysical study of novel oligoelectrolyte-based nonviral gene delivery systems for mammalian cells. Journal of Gene Medicine, 2013, 15, 193-204.	2.8	13
13	In situ spectroscopic and electrochemical impedance study of gold/poly (anthranilic acid) core/shell nanoparticles. European Polymer Journal, 2015, 66, 502-512.	5.4	12
14	Enhanced osteogenesis on biofunctionalized poly( $\epsilon$ -caprolactone)/poly(m-anthranilic acid) nanofibers. Journal of Biomaterials Applications, 2016, 31, 743-754.	2.4	11
15	Gold nanoparticle/nickel oxide/poly(pyrrole-N-propionic acid) hybrid multilayer film: Electrochemical study and its application in biosensing. EXPRESS Polymer Letters, 2017, 11, 449-466.	2.1	11
16	The effects of oestrogen on vaginal wound healing: A systematic review and meta-analysis. Neurourology and Urodynamics, 2022, 41, 115-126.	1.5	11
17	Effects of carboxylated multi-walled carbon nanotubes having different outer diameters on hollow fiber ultrafiltration membrane fabrication and characterization by electrochemical impedance spectroscopy. Polymer Bulletin, 2018, 75, 2431-2457.	3.3	8
18	Animal experimental research assessing urogynecologic surgical mesh implants: Outcome measures describing the host response, a systematic review and meta-analysis. Neurourology and Urodynamics, 2021, 40, 1107-1119.	1.5	8

#	ARTICLE	IF	CITATIONS
19	(Au/PANA/PVAc) nanofibers as a novel composite matrix for albumin and streptavidin immobilization. <i>Materials Science and Engineering C</i> , 2016, 60, 260-275.	7.3	7
20	The effect of deposition on electrochemical impedance properties of TiO <sub>2</sub> /FTO photoanodes. <i>Journal of Electroceramics</i> , 2016, 36, 102-111.	2.0	6
21	Biophysical characterization of quaternary pyridinium functionalized polynorbornenes for DNA complexation and their cellular interactions. <i>Biopolymers</i> , 2017, 107, e23005.	2.4	6
22	The impact of bacterial contamination on the host response towards fully absorbable poly-4-hydroxybutyrate and nonabsorbable polypropylene pelvic floor implants. <i>Materials Today Bio</i> , 2022, 15, 100268.	5.5	5
23	Effect of a Single Application of CPP-ACPF Varnish on the Prevention of Erosive Tooth Wear: An AAS, AFM and SMH Study. <i>Oral Health &amp; Preventive Dentistry</i> , 2020, 18, 311-318.	0.5	4
24	Covalent streptavidin immobilization on electrospun poly(m-anthranilic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (acid)/poly <i>Polymers</i> , 2016, 31, 291-303.	2.1	3
25	Fabrication and characterization of poly(butyl acrylate-co-methyl methacrylate)-polypyrrole nanofibers. <i>Polymer Bulletin</i> , 2018, 75, 1607-1617.	3.3	3
26	BMP-2 immobilized PCL/P3ANA nanofibers for bone tissue engineering. , 2015, , .		2
27	Novel amphiphilic block-copolymer forming stable micelles and interpolyelectrolyte complexes with DNA for efficient gene delivery. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2021, 70, 554-573.	3.4	2
28	Au/PANA/PVAc and Au/P(ANA-co-CNTA)/PVAc electrospun nanofibers as tyrosinase immobilization supports. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2017, 66, 658-668.	3.4	1