Cem Bayram

List of Publications by Year
in descending order

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35 papers	557 citations	687220 13 h-index	642610 23 g-index
35 all docs	35 docs citations	35 times ranked	941 citing authors

#	Article	IF	Citations
1	Sustainable Macromolecular Materials in Flexible Electronics. Macromolecular Materials and Engineering, 2022, 307, .	1.7	4
2	Coâ€Axial Gyroâ€Spinning of PCL/PVA/HA Coreâ€Sheath Fibrous Scaffolds for Bone Tissue Engineering. Macromolecular Bioscience, 2021, 21, e2100177.	2.1	18
3	Self-assembled micro-stripe patterning of sessile polymeric nanofluid droplets. Journal of Colloid and Interface Science, 2020, 561, 470-480.	5.0	10
4	Effect of argon plasma and Er:YAG laser on tensile bond strength between denture liner and acrylic resin. Journal of Prosthetic Dentistry, 2020, 124, 799.e1-799.e5.	1.1	3
5	Dual delivery of plateletâ€derived growth factor and bone morphogenetic factorâ€6 on titanium surface to enhance the early period of implant osseointegration. Journal of Periodontal Research, 2020, 55, 694-704.	1.4	13
6	Effectiveness of Oil-Layered Albumin Microbubbles Produced Using Microfluidic T-Junctions in Series for In Vitro Inhibition of Tumor Cells. Langmuir, 2020, 36, 11429-11441.	1.6	15
7	Magnetically responsive, sorafenib loaded alginate microspheres for hepatocellular carcinoma treatment. IET Nanobiotechnology, 2020, 14, 617-622.	1.9	9
8	Gel network comprising UV crosslinked PLGA-b-PEG-MA nanoparticles for ibuprofen topical delivery. Pharmaceutical Development and Technology, 2019, 24, 1144-1154.	1.1	10
9	Biofabrication of Gelatin Tissue Scaffolds with Uniform Pore Size via Microbubble Assembly. Macromolecular Materials and Engineering, 2019, 304, 1900394.	1.7	7
10	Chondrogenesis of human mesenchymal stem cells by microRNA loaded triple polysaccharide nanoparticle system. Materials Science and Engineering C, 2019, 102, 756-763.	3.8	13
11	Porous polyurethane film fabricated via the breath figure approach for sustained drug release. Journal of Applied Polymer Science, 2019, 136, 47658.	1.3	13
12	Honeycomb-like PLGA-b-PEG Structure Creation with T-Junction Microdroplets. Langmuir, 2018, 34, 7989-7997.	1.6	18
13	Development of Titania Nanotube-based Electrochemical Immunosensor and Determination of Prostate Specific Antigen. Analytical Sciences, 2018, 34, 789-794.	0.8	6
14	Dual release behavior of atorvastatin and alpha-lipoic acid from PLGA microspheres for the combination therapy in peripheral nerve injury. Journal of Drug Delivery Science and Technology, 2017, 39, 455-466.	1.4	13
15	The effect of thymoquinone coating on adhesive properties of polypropylene mesh. BMC Surgery, 2017, 17, 40.	0.6	5
16	Tissue engineering applications and nanobiomaterials in periodontology and implant dentistry. , 2016, , 337-387.		1
17	Magnetically based nanocarriers in drug delivery. , 2016, , 285-331.		16
18	Calcified and mechanically debilitated three-dimensional hydrogel environment induces hypertrophic trend in chondrocytes. Journal of Bioactive and Compatible Polymers, 2016, 31, 498-512.	0.8	1

#	Article	IF	Citations
19	The effect of calcium chloride concentration on alginate/Fmoc-diphenylalanine hydrogel networks. Materials Science and Engineering C, 2016, 66, 221-229.	3.8	48
20	Silk fibroin/nylon-6 blend nanofilter matrix for copper removal from aqueous solution. Clean Technologies and Environmental Policy, 2015, 17, 921-934.	2.1	14
21	Nanotechnology in Sports Medicine. , 2015, , 3195-3202.		1
22	Nanotechnology in Sports Medicine. , 2014, , 1-9.		0
23	Titania nanotubes with adjustable dimensions for drug reservoir sites and enhanced cell adhesion. Materials Science and Engineering C, 2014, 35, 100-105.	3.8	72
24	Osteoblast response on co-modified titanium surfaces via anodization and electrospinning. Applied Surface Science, 2014, 288, 143-148.	3.1	24
25	Electrohydrodynamic printing of silk fibroin. Macromolecular Research, 2013, 21, 339-342.	1.0	6
26	Osteoblast Activity on Anodized Titania Nanotubes: Effect of Simulated Body Fluid Soaking Time. Journal of Biomedical Nanotechnology, 2012, 8, 482-490.	0.5	29
27	Nanoplatforms for Detection, Remediation and Protection Against Chem-Bio Warfare. NATO Science for Peace and Security Series A: Chemistry and Biology, 2012, , 191-203.	0.5	1
28	Osteoblast activity on anodized titania nanotubes: effect of simulated body fluid soaking time. Journal of Biomedical Nanotechnology, 2012, 8, 482-90.	0.5	11
29	Fabrication of Biomaterials via Controlled Protein Bubble Generation and Manipulation. Biomacromolecules, 2011, 12, 4291-4300.	2.6	34
30	Carbon nanotubeâ€“chitosan modified disposable pencil graphite electrode for Vitamin B12 analysis. Colloids and Surfaces B: Biointerfaces, 2011, 87, 18-22.	2.5	66
31	Preparation and physical/electrochemical characterization of carbon nanotubeâ€“chitosan modified pencil graphite electrode. Applied Surface Science, 2010, 257, 622-627.	3.1	30
32	In vitro biocompatibility of plasma-aided surface-modified 316L stainless steel for intracoronary stents. Biomedical Materials (Bristol), 2010, 5, 055007.	1.7	18
33	Preparation of Magnetic Chitosan Nanoparticles for Diverse Biomedical Applications. NATO Science for Peace and Security Series B: Physics and Biophysics, 2008, , 313-320.	0.2	3
34	Preparation and Characterization of Triamcinolone Acetonide-loaded Poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) (PHBHx) Microspheres. Journal of Bioactive and Compatible Polymers, 2008, 23, 334-347.	0.8	25
35	Prolonged Biomolecule Release from Titanium Surfaces via Titania Nanotube Arrays. Celal Bayar Universitesi Fen Bilimleri Dergisi, 0, , .	0.1	0