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	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
2	Carbon nanotubeâ€“chitosan modified disposable pencil graphite electrode for Vitamin B12 analysis. Colloids and Surfaces B: Biointerfaces, 2011, 87, 18-22.	2.5	66
3	The effect of calcium chloride concentration on alginate/Fmoc-diphenylalanine hydrogel networks. Materials Science and Engineering C, 2016, 66, 221-229.	3.8	48
4	Fabrication of Biomaterials via Controlled Protein Bubble Generation and Manipulation. Biomacromolecules, 2011, 12, 4291-4300.	2.6	34
5	Preparation and physical/electrochemical characterization of carbon nanotubeâ€“chitosan modified pencil graphite electrode. Applied Surface Science, 2010, 257, 622-627.	3.1	30
6	Osteoblast Activity on Anodized Titania Nanotubes: Effect of Simulated Body Fluid Soaking Time. Journal of Biomedical Nanotechnology, 2012, 8, 482-490.	0.5	29
7	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
8	Osteoblast response on co-modified titanium surfaces via anodization and electrospinning. Applied Surface Science, 2014, 288, 143-148.	3.1	24
9	In vitro biocompatibility of plasma-aided surface-modified 316L stainless steel for intracoronary stents. Biomedical Materials (Bristol), 2010, 5, 055007.	1.7	18
10	Honeycomb-like PLGA-b-PEG Structure Creation with T-Junction Microdroplets. Langmuir, 2018, 34, 7989-7997.	1.6	18
11	Coâ€Axial Gyroâ€Spinning of PCL/PVA/HA Coreâ€Sheath Fibrous Scaffolds for Bone Tissue Engineering. Macromolecular Bioscience, 2021, 21, e2100177.	2.1	18
12	Magnetically based nanocarriers in drug delivery. , 2016, , 285-331.		16
13	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
14	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
15	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
16	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
17	Porous polyurethane film fabricated via the breath figure approach for sustained drug release. Journal of Applied Polymer Science, 2019, 136, 47658.	1.3	13
18	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

#	Article	IF	Citations
19	Osteoblast activity on anodized titania nanotubes: effect of simulated body fluid soaking time. Journal of Biomedical Nanotechnology, 2012, 8, 482-90.	0.5	11
20	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
21	Self-assembled micro-stripe patterning of sessile polymeric nanofluid droplets. Journal of Colloid and Interface Science, 2020, 561, 470-480.	5.0	10
22	Magnetically responsive, sorafenib loaded alginate microspheres for hepatocellular carcinoma treatment. IET Nanobiotechnology, 2020, 14, 617-622.	1.9	9
23	Biofabrication of Gelatin Tissue Scaffolds with Uniform Pore Size via Microbubble Assembly. Macromolecular Materials and Engineering, 2019, 304, 1900394.	1.7	7
24	Electrohydrodynamic printing of silk fibroin. Macromolecular Research, 2013, 21, 339-342.	1.0	6
25	Development of Titania Nanotube-based Electrochemical Immunosensor and Determination of Prostate Specific Antigen. Analytical Sciences, 2018, 34, 789-794.	0.8	6
26	The effect of thymoquinone coating on adhesive properties of polypropylene mesh. BMC Surgery, 2017, 17, 40.	0.6	5
27	Sustainable Macromolecular Materials in Flexible Electronics. Macromolecular Materials and Engineering, 2022, 307, .	1.7	4
28	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
29	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
30	Tissue engineering applications and nanobiomaterials in periodontology and implant dentistry. , 2016, , 337-387.		1
31	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
32	Nanotechnology in Sports Medicine. , 2015, , 3195-3202.		1
33	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
34	Nanotechnology in Sports Medicine. , 2014, , 1-9.		0
35	Prolonged Biomolecule Release from Titanium Surfaces via Titania Nanotube Arrays. Celal Bayar Universitesi Fen Bilimleri Dergisi, 0, , .	0.1	0