

# Cem BÃ¼lent Astnda

## List of Publications by Year in descending order

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35  
papers

899  
citations

567144

15  
h-index

477173

29  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1313  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibacterial and cellular behavior of PLA-based bacitracin and zataria multiflora nanofibers produced by electrospinning method. International Journal of Polymeric Materials and Polymeric Biomaterials, 2023, 72, 319-334.	1.8	8
2	Selenium and clarithromycin loaded PLA-GO composite wound dressings by electrospinning method. International Journal of Polymeric Materials and Polymeric Biomaterials, 2022, 71, 898-909.	1.8	9
3	Effect of electric stimulus on human adipose-derived mesenchymal stem cells cultured in 3D printed scaffolds. Polymers for Advanced Technologies, 2021, 32, 1114-1125.	1.6	3
4	Coaxial and emulsion electrospinning of extracted hyaluronic acid and keratin based nanofibers for wound healing applications. European Polymer Journal, 2021, 142, 110158.	2.6	60
5	Combating COVID-19 with tissue engineering: a review. Emergent Materials, 2021, 4, 329-349.	3.2	12
6	3D printing in the battle against COVID-19. Emergent Materials, 2021, 4, 363-386.	3.2	30
7	Recent developments and characterization techniques in 3D printing of corneal stroma tissue. Polymers for Advanced Technologies, 2021, 32, 3287-3296.	1.6	12
8	Design and fabrication of electrospun polycaprolactone/chitosan scaffolds for ligament regeneration. European Polymer Journal, 2021, 148, 110357.	2.6	14
9	Removal of oxytetracycline by graphene oxide and Boron-doped reduced graphene oxide: A combined density function Theory, molecular dynamics simulation and experimental study. FlatChem, 2021, 27, 100238.	2.8	28
10	Biofunctional Inks for 3D Printing in Skin Tissue Engineering. Gels Horizons: From Science To Smart Materials, 2021, , 229-259.	0.3	1
11	Processing and properties of boron carbide (B4C) reinforced LDPE composites for radiation shielding. Ceramics International, 2020, 46, 343-352.	2.3	46
12	Electrospun drug blended poly(lactic acid) (PLA) nanofibers and their antimicrobial activities. Journal of Polymer Research, 2020, 27, 1.	1.2	22
13	Fabrication of three-dimensional PCL/BiFeO3 scaffolds for biomedical applications. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2020, 261, 114660.	1.7	15
14	Carbonaceous nanomaterials for phototherapy: a review. Emergent Materials, 2020, 3, 479-502.	3.2	12
15	3D printing of PVA/hexagonal boron nitride/bacterial cellulose composite scaffolds for bone tissue engineering. Materials and Design, 2020, 196, 109094.	3.3	82
16	Evaluation of current diagnostic methods for COVID-19. APL Bioengineering, 2020, 4, 041506.	3.3	49
17	3D Propolis-Sodium Alginate Scaffolds: Influence on Structural Parameters, Release Mechanisms, Cell Cytotoxicity and Antibacterial Activity. Molecules, 2020, 25, 5082.	1.7	34
18	3D bioprinting applications in neural tissue engineering for spinal cord injury repair. Materials Science and Engineering C, 2020, 110, 110741.	3.8	92

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19	Effect of visible light on the removal of trichloromethane by graphene oxide. <i>Diamond and Related Materials</i> , 2020, 106, 107814.	1.8	9
20	Adsorption of copper ion from aqueous solutions by well-crystalized nanosized hydroxyapatite. <i>Materials Research Express</i> , 2019, 6, 125545.	0.8	4
21	PLA TABANLI ÄCEST EKSTREMITE PARMAK ORTEZI 3 BOYUTLU TASARIMI VE BASKISI. MÄ¼hendislik Bilimleri Ve TasarÄ±m Dergisi, 2018, 6, 460-463.	0.1	0
22	Fabrication of porous hydroxyapatite-carbon nanotubes composite. <i>Materials Letters</i> , 2016, 167, 89-92.	1.3	11
23	Hydrothermally Mixed HydroxyapatiteÄ¼Multiwall Carbon Nanotubes Composite Coatings on Biomedical Alloys by Electrophoretic Deposition. <i>Journal of Physical Chemistry B</i> , 2013, 117, 1571-1576.	1.2	12
24	Production of tubular porous hydroxyapatite using electrophoretic deposition. <i>Journal of the Ceramic Society of Japan</i> , 2012, 120, 569-573.	0.5	23
25	OH and COOH functionalized single walled carbon nanotubes-reinforced alumina ceramic nanocomposites. <i>Ceramics International</i> , 2012, 38, 1287-1293.	2.3	17
26	Synthesis and electrophoretic deposition of hydrothermally synthesized multilayer TiO <sub>2</sub> nanotubes on conductive filters. <i>Materials Letters</i> , 2012, 66, 179-181.	1.3	15
27	Electrophoretic deposition of hydrothermally synthesised AgÄ¼TiO <sub>2</sub> hybrid nanoparticles onto 3-D Ni filters. <i>Materials Letters</i> , 2012, 67, 113-116.	1.3	10
28	Antileishmanial effect of silver nanoparticles and their enhanced antiparasitic activity under ultraviolet light. <i>International Journal of Nanomedicine</i> , 2011, 6, 2705.	3.3	178
29	3-D micro-ceramic components from hydrothermally processed carbon nanotubeÄ¼boehmite powders by electrophoretic deposition. <i>Ceramics International</i> , 2010, 36, 1703-1710.	2.3	14
30	Boehmite derived surface functionalized carbon nanotube-reinforced macroporous alumina ceramics. <i>Journal of the European Ceramic Society</i> , 2010, 30, 2525-2531.	2.8	9
31	Carbon nanotube/boehmite-derived alumina ceramics obtained by hydrothermal synthesis and spark plasma sintering (SPS). <i>Journal of the European Ceramic Society</i> , 2010, 30, 3351-3356.	2.8	23
32	Mechanical behaviour of a low-clay translucent whiteware. <i>Journal of the European Ceramic Society</i> , 2006, 26, 169-177.	2.8	28
33	3D Printing for Tissue Engineering Applications. <i>Journal of Polytechnic</i> , 0, , .	0.4	11
34	DOKU MÄ¼HENDÄ¼SLÄ¼Ä¼NDE 3 BOYUTLU BÄ¼YO-BASKI Ä¼Ä¼N BÄ¼YOFONKSÄ¼YONEL MÄ¼REKKEPLER. <i>International Journal of 3d Printing Technologies and Digital Industry</i> , 0, , .	0.3	2
35	Targeted drug delivery and vaccinology approaches using virus-like particles for cancer. <i>Journal of the Faculty of Pharmacy of Ä¼stanbul Ä¼eniversity</i> , 0, , .	0.5	2