

Veli Ozbolat

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,282
citations

623734

14
h-index

794594

19
g-index

23
all docs

23
docs citations

23
times ranked

1886
citing authors

#	ARTICLE	IF	CITATIONS
1	Application areas of 3D bioprinting. Drug Discovery Today, 2016, 21, 1257-1271.	6.4	258
2	3D bioprinting for drug discovery and development in pharmaceuticals. Acta Biomaterialia, 2017, 57, 26-46.	8.3	229
3	3D Printing of PDMS Improves Its Mechanical and Cell Adhesion Properties. ACS Biomaterials Science and Engineering, 2018, 4, 682-693.	5.2	119
4	Bioprinting functional tissues. Acta Biomaterialia, 2019, 95, 32-49.	8.3	114
5	Essential steps in bioprinting: From pre- to post-bioprinting. Biotechnology Advances, 2018, 36, 1481-1504.	11.7	105
6	Thermally-controlled extrusion-based bioprinting of collagen. Journal of Materials Science: Materials in Medicine, 2019, 30, 55.	3.6	86
7	Effects of rear slant angles on the flow characteristics of Ahmed body. Experimental Thermal and Fluid Science, 2014, 57, 165-176.	2.7	65
8	3D Bioprinting of Carbohydrazide-Modified Gelatin into Microparticle-Suspended Oxidized Alginate for the Fabrication of Complex-Shaped Tissue Constructs. ACS Applied Materials & Interfaces, 2020, 12, 20295-20306.	8.0	65
9	3D printing of poly(μ -caprolactone)/poly(D,L-lactide-co-glycolide)/hydroxyapatite composite constructs for bone tissue engineering. Journal of Materials Research, 2018, 33, 1972-1986.	2.6	51
10	Bone tissue bioprinting for craniofacial reconstruction. Biotechnology and Bioengineering, 2017, 114, 2424-2431.	3.3	40
11	Intraoperative Bioprinting of Hard, Soft, and Hard/Soft Composite Tissues for Craniomaxillofacial Reconstruction. Advanced Functional Materials, 2021, 31, 2010858.	14.9	37
12	Extrusion-based printing of sacrificial Carbopol ink for fabrication of microfluidic devices. Biofabrication, 2019, 11, 034101.	7.1	30
13	Dual-charge bacterial cellulose as a potential 3D printable material for soft tissue engineering. Composites Part B: Engineering, 2022, 231, 109598.	12.0	19
14	Fabrication of PDMS microfluidic devices using nanoclay-reinforced Pluronic F-127 as a sacrificial ink. Biomedical Materials (Bristol), 2021, 16, 045005.	3.3	18
15	3D Bioprinting for fabrication of tissue models of COVID-19 infection. Essays in Biochemistry, 2021, 65, 503-518.	4.7	11
16	3D coaxial bioprinting: process mechanisms, bioinks and applications. Progress in Biomedical Engineering, 2022, 4, 022003.	4.9	11
17	Squid Ring Teeth-coated Mesh Improves Abdominal Wall Repair. Plastic and Reconstructive Surgery - Global Open, 2018, 6, e1881.	0.6	8
18	Experimental and Numerical Investigation of a Longfin Inshore Squid's Flow Characteristics. Journal of Applied Fluid Mechanics, 2017, 10, 21-30.	0.2	6

#	ARTICLE	IF	CITATIONS
19	Numerical Investigations of Heat Transfer Enhancement of Water-Based Al ₂ O ₃ Nanofluids in a Sinusoidal-Wall Channel. , 2013, , .		5
20	Investigation of Heat Transfer Enhancement by using Al ₂ O ₃ /water Nanofluid in Rectangular Corrugated Channel. Kahramanmaraş Sâdî Şâkir Âmâmi Üniversitesi Mühendislik Bilimleri Dergisi, 2016, 19(42).	0.2	2
21	Tissue Engineering: Intraoperative Bioprinting of Hard, Soft, and Hard/Soft Composite Tissues for Craniomaxillofacial Reconstruction (Adv. Funct. Mater. 29/2021). Advanced Functional Materials, 2021, 31, 2170212.	14.9	1
22	Flow Characteristics and Heat Transfer Enhancement of Sinusoidal Corrugated Channels with Different Configurations. Northwestern Medical Journal, 0, , 93-107.	0.2	0