Bekir Yenilmez

List of Publications by Year
in descending order

22	1,018	567281 15	713466 21
papers	citations	h-index	g-index

22	22	22	1317
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	3D-printed microfluidic devices. Biofabrication, 2016, 8, 022001.	7.1	259
2	Variation of part thickness and compaction pressure in vacuum infusion process. Composites Science and Technology, 2009, 69, 1710-1719.	7.8	109
3	Towards Single-Step Biofabrication of Organs on a Chip via 3D Printing. Trends in Biotechnology, 2016, 34, 685-688.	9.3	94
4	Photocrosslinking-based bioprinting: Examining crosslinking schemes. Bioprinting, 2017, 5, 10-18.	5.8	76
5	High-throughput rapid-prototyping of low-cost paper-based microfluidics. Scientific Reports, 2017, 7, 3553.	3.3	60
6	Advancing cancer research using bioprinting for tumor-on-a-chip platforms. International Journal of Bioprinting, 2016, 2, 3.	3.4	56
7	Continuous-Ink, Multiplexed Pen-Plotter Approach for Low-Cost, High-Throughput Fabrication of Paper-Based Microfluidics. Analytical Chemistry, 2017, 89, 6351-6357.	6.5	52
8	Labelâ€Free Sickle Cell Disease Diagnosis using a Lowâ€Cost, Handheld Platform. Advanced Materials Technologies, 2016, 1, 1600100.	5.8	47
9	Selfâ€Contained Handheld Magnetic Platform for Point of Care Cytometry in Biological Samples. Advanced Materials Technologies, 2016, 1, 1600144.	5.8	44
10	Smart-phone attachable, flow-assisted magnetic focusing device. RSC Advances, 2016, 6, 93922-93931.	3.6	41
11	Compaction of e-glass fabric preforms in the Vacuum Infusion Process, A: Characterization experiments. Composites Part A: Applied Science and Manufacturing, 2009, 40, 499-510.	7.6	38
12	Development and characterization of a low-cost 3D bioprinter. Bioprinting, 2019, 13, e00044.	5.8	33
13	3D-printed smartphone-based device for label-free cell separation. Journal of 3D Printing in Medicine, 2017, 1, 155-164.	2.0	22
14	Compaction of e-glass fabric preforms in the vacuum infusion process: (a) use of characterization database in a model and (b) experiments. Journal of Composite Materials, 2013, 47, 1959-1975.	2.4	19
15	Modeling of post-filling stage in vacuum infusion using compaction characterization. Journal of Composite Materials, 2015, 49, 1947-1960.	2.4	16
16	Pressure-controlled compaction characterization of fiber preforms suitable for viscoelastic modeling in the vacuum infusion process. Journal of Composite Materials, 2017, 51, 1209-1224.	2.4	13
17	Long-term cyclic use of a sample collector for toilet-based urine analysis. Scientific Reports, 2021, 11, 2170.	3.3	10
18	Viscoelastic modeling of fiber preform compaction in vacuum infusion process. Journal of Composite Materials, 2017, 51, 4189-4203.	2.4	9

#	Article	IF	Citations
19	Three-Dimensional-Printed Carnivorous Plant with Snap Trap. 3D Printing and Additive Manufacturing, 2016, 3, 244-251.	2.9	8
20	Minimizing Thickness Variation in the Vacuum Infusion (VI) Process. Advanced Composites Letters, 2011, 20, 096369351102000.	1.3	7
21	Magnetic Levitation Coupled with Portable Imaging and Analysis for Disease Diagnostics. Journal of Visualized Experiments, 2017, , .	0.3	5
22	Disease Diagnostics: Labelâ€Free Sickle Cell Disease Diagnosis using a Lowâ€Cost, Handheld Platform (Adv.) Tj ETQq0 0 0 rgBT /Overloc	5.8	0