John Ryan Dizon

List of Publications by Year
in descending order

23	1,897	840776 11	996975 15
papers	citations	h-index	g-index

23	23	23	2092
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mechanical characterization of 3D-printed polymers. Additive Manufacturing, 2018, 20, 44-67.	3.0	768
2	Advances in 3D printing of thermoplastic polymer composites and nanocomposites. Progress in Polymer Science, 2019, 98, 101162.	24.7	335
3	3D-printing and advanced manufacturing for electronics. Progress in Additive Manufacturing, 2019, 4, 245-267.	4.8	188
4	3D printing for membrane separation, desalination and water treatment. Applied Materials Today, 2020, 18, 100486.	4.3	122
5	Post-Processing of 3D-Printed Polymers. Technologies, 2021, 9, 61.	5.1	85
6	Additive manufacturing for COVID-19: Devices, materials, prospects, and challenges. MRS Communications, 2020, 10, 413-427.	1.8	74
7	On the progress of 3D-printed hydrogels for tissue engineering. MRS Communications, 2021, 11, 539-553.	1.8	71
8	Three-dimensional-printed molds and materials for injection molding and rapid tooling applications. MRS Communications, 2019, 9, 1267-1283.	1.8	52
9	Thermo-mechanical and swelling properties of three-dimensional-printed poly (ethylene glycol) diacrylate/silica nanocomposites. MRS Communications, 2019, 9, 209-217.	1.8	44
10	3D Printed Injection Molds Using Various 3D Printing Technologies. Materials Science Forum, 0, 1005, 150-156.	0.3	24
11	3D Printing Polymeric Materials for Robots with Embedded Systems. Technologies, 2021, 9, 82.	5.1	19
12	Investigation on the Effects of Acetone Vapor-Polishing to Fracture Behavior of ABS Printed Materials at Different Operating Temperature. Materials Science Forum, 0, 1005, 141-149.	0.3	17
13	3D Printing Technology and Materials for Automotive Application: A Mini-Review. Key Engineering Materials, 0, 913, 3-16.	0.4	17
14	Development of Smartphone-Controlled Hand and Arm Exoskeleton for Persons with Disability. Open Engineering, 2020, 11, 161-170.	1.6	16
15	Additively manufactured high-performance polymeric materials and their potential use in the oil and gas industry. MRS Communications, 2021, 11, 701-715.	1.8	15
16	Application of Taguchi Methodology in Evaluating the Rockwell Hardness of SLA 3D Printed Polymers. Materials Science Forum, 0, 1005, 166-173.	0.3	13
17	Advancing flexible electronics and additive manufacturing. Japanese Journal of Applied Physics, 2022, 61, SE0803.	1.5	13
18	Assessment of Interfacial Adhesion of Adhesively Bonded 3D-Printed Thermoplastics. Materials Science Forum, 0, 1005, 157-165.	0.3	9

#	Article	IF	Citations
19	3D-Printed Absorbers for Solar-Driven Interfacial Water Evaporation: A Mini-Review. Advance Sustainable Science Engineering and Technology, 2021, 3, 0210103.	0.2	8
20	Dimensional Accuracy of 3D - Printed Acrylonitrile Butadiene Styrene: Effect of Size, Layer Thickness, and Infill Density. Key Engineering Materials, 0, 913, 17-25.	0.4	3
21	3D Printing Applications in Agriculture, Food Processing, and Environmental Protection and Monitoring. Advance Sustainable Science Engineering and Technology, 2021, 3, 0210201.	0.2	2
22	Establishment of An Academic Makerspace at the Bataan Peninsula State University: Prospects and Challenges. Advance Sustainable Science Engineering and Technology, 2021, 3, 0210202.	0.2	1
23	3D-Printing for Cube Satellites (CubeSats): Philippinesâ€˜ Perspectives. , 0, 1, 13-27.		1