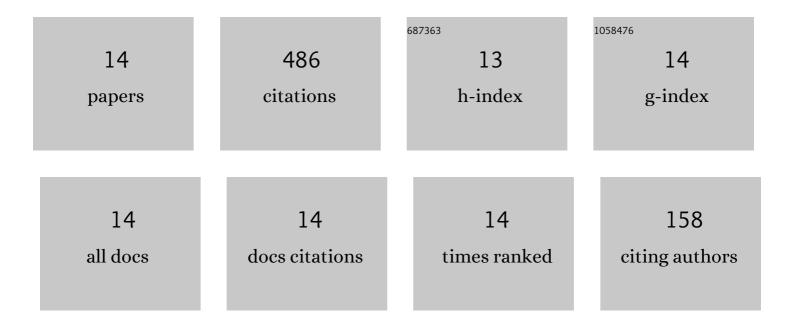
## Emmanouil Velidakis

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9687588/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	On the Strain Rate Sensitivity of Fused Filament Fabrication (FFF) Processed PLA, ABS, PETG, PA6, and PP Thermoplastic Polymers. Polymers, 2020, 12, 2924.	4.5	91
2	Sustainable Additive Manufacturing: Mechanical Response of Polyamide 12 over Multiple Recycling Processes. Materials, 2021, 14, 466.	2.9	64
3	Sustainable Additive Manufacturing: Mechanical Response of Polypropylene over Multiple Recycling Processes. Sustainability, 2021, 13, 159.	3.2	51
4	Additive manufacturing of multifunctional polylactic acid (PLA)—multiwalled carbon nanotubes (MWCNTs) nanocomposites. Nanocomposites, 2021, 7, 184-199.	4.2	40
5	Optimization of the Filler Concentration on Fused Filament Fabrication 3D Printed Polypropylene with Titanium Dioxide Nanocomposites. Materials, 2021, 14, 3076.	2.9	37
6	Fused Filament Fabrication 3D printed polypropylene/ alumina nanocomposites: Effect of filler loading on the mechanical reinforcement. Polymer Testing, 2022, 109, 107545.	4.8	34
7	Mechanical Performance of Fused Filament Fabricated and 3D-Printed Polycarbonate Polymer and Polycarbonate/Cellulose Nanofiber Nanocomposites. Fibers, 2021, 9, 74.	4.0	32
8	Strain Rate Sensitivity of Polycarbonate and Thermoplastic Polyurethane for Various 3D Printing Temperatures and Layer Heights. Polymers, 2021, 13, 2752.	4.5	26
9	Investigation of the Biocidal Performance of Multi-Functional Resin/Copper Nanocomposites with Superior Mechanical Response in SLA 3D Printing. Biomimetics, 2022, 7, 8.	3.3	24
10	On the Mechanical Response of Silicon Dioxide Nanofiller Concentration on Fused Filament Fabrication 3D Printed Isotactic Polypropylene Nanocomposites. Polymers, 2021, 13, 2029.	4.5	23
11	Polyamide 12/Multiwalled Carbon Nanotube and Carbon Black Nanocomposites Manufactured by 3D Printing Fused Filament Fabrication: A Comparison of the Electrical, Thermoelectric, and Mechanical Properties. Journal of Carbon Research, 2021, 7, 38.	2.7	18
12	Fused Filament Fabrication Three-Dimensional Printing Multi-Functional of Polylactic Acid/Carbon Black Nanocomposites. Journal of Carbon Research, 2021, 7, 52.	2.7	17
13	Medical-Grade Polyamide 12 Nanocomposite Materials for Enhanced Mechanical and Antibacterial Performance in 3D Printing Applications. Polymers, 2022, 14, 440.	4.5	17
14	Affordable Biocidal Ultraviolet Cured Cuprous Oxide Filled Vat Photopolymerization Resin Nanocomposites with Enhanced Mechanical Properties. Biomimetics, 2022, 7, 12.	3.3	12