

Three-dimensional printing of multicomponent glasses

Nature Materials

19, 212-217

DOI: [10.1038/s41563-019-0525-y](https://doi.org/10.1038/s41563-019-0525-y)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Recent advances in additive manufacturing of active mechanical metamaterials. <i>Current Opinion in Solid State and Materials Science</i> , 2020, 24, 100869.	5.6	65
2	3D printing of glass by additive manufacturing techniques: a review. <i>Frontiers of Optoelectronics</i> , 2021, 14, 263-277.	1.9	52
3	3D printed gradient index glass optics. <i>Science Advances</i> , 2020, 6, .	4.7	70
4	Porous cage-derived nanomaterial inks for direct and internal three-dimensional printing. <i>Nature Communications</i> , 2020, 11, 4695.	5.8	18
5	A natural impact-resistant bicontinuous composite nanoparticle coating. <i>Nature Materials</i> , 2020, 19, 1236-1243.	13.3	115
6	Evolution of 3D Printing Methods and Materials for Electrochemical Energy Storage. <i>Advanced Materials</i> , 2020, 32, e2000556.	11.1	134
7	3D Two-Photon Microprinting of Nanoporous Architectures. <i>Advanced Materials</i> , 2020, 32, e2002044.	11.1	44
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9	Divide and print. <i>Nature Materials</i> , 2020, 19, 131-133.	13.3	6
10	Direct Ink Writing Glass: A Preliminary Step for Optical Application. <i>Materials</i> , 2020, 13, 1636.	1.3	16
11	Hydrogel-Based Additive Manufacturing of Lithium Cobalt Oxide. <i>Advanced Materials Technologies</i> , 2021, 6, 2000791.	3.0	17
12	3D printing-assisted gyroidal graphite foam for advanced supercapacitors. <i>Chemical Engineering Journal</i> , 2021, 416, 127885.	6.6	32
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16	Unprecedented enhancement of wear resistance for epoxy-resin graphene composites. <i>Nanoscale</i> , 2021, 13, 2855-2867.	2.8	34
17	Two-Photon Polymerization of Nanocomposites for the Fabrication of Transparent Fused Silica Glass Microstructures. <i>Advanced Materials</i> , 2021, 33, e2006341.	11.1	103
18	3D printing of inherently nanoporous polymers via polymerization-induced phase separation. <i>Nature Communications</i> , 2021, 12, 247.	5.8	105

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19	Facile fabrication of micro-/nanostructured, superhydrophobic membranes with adjustable porosity by 3D printing. <i>Journal of Materials Chemistry A</i> , 2021, 9, 21379-21386.	5.2	30
20	Transparent Glass Ceramics. <i>Crystals</i> , 2021, 11, 156.	1.0	10
21	3D Printing in Fiber-Device Technology. <i>Advanced Fiber Materials</i> , 2021, 3, 59-75.	7.9	43
22	Low-cost and open-source strategies for chemical separations. <i>Journal of Chromatography A</i> , 2021, 1638, 461820.	1.8	25
23	Correcting ray distortion in tomographic additive manufacturing. <i>Optics Express</i> , 2021, 29, 11037.	1.7	20
24	3D Printing of Transparent Spinel Ceramics with Transmittance Approaching the Theoretical Limit. <i>Advanced Materials</i> , 2021, 33, e2007072.	11.1	18
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33	Transparent origami glass. <i>Nature Communications</i> , 2021, 12, 4261.	5.8	24
34	Direct laser heating of the filament/substrate interface in digital glass forming. <i>Manufacturing Letters</i> , 2022, 31, 106-109.	1.1	3
35	Rapid manufacturing of silica glass parts with complex structures through stereolithography and pressureless spark plasma sintering. <i>Ceramics International</i> , 2022, 48, 55-63.	2.3	11
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