

# Shane Oberloier

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10440628/publications.pdf>

Version: 2024-02-01

10  
papers

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citations

1162889

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1372474

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docs citations

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times ranked

248  
citing authors

#	ARTICLE	IF	CITATIONS
1	Finding Ideal Parameters for Recycled Material Fused Particle Fabrication-Based 3D Printing Using an Open Source Software Implementation of Particle Swarm Optimization. 3D Printing and Additive Manufacturing, 2023, 10, 1287-1300.	1.4	5
2	Open source arc analyzer: Multi-sensor monitoring of wire arc additive manufacturing. HardwareX, 2020, 8, e00137.	1.1	16
3	Parametric nasopharyngeal swab for sampling COVID-19 and other respiratory viruses: Open source design, SLA 3-D printing and UV curing system. HardwareX, 2020, 8, e00135.	1.1	22
4	Partially RepRapable automated open source bag valve mask-based ventilator. HardwareX, 2020, 8, e00131.	1.1	39
5	Vacuum outgassing characteristics of unpigmented 3D printed polymers coated with atomic layer deposited alumina. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2020, 38, .	0.9	6
6	Open Source Waste Plastic Granulator. Technologies, 2019, 7, 74.	3.0	11
7	Open source low-cost power monitoring system. HardwareX, 2018, 4, e00044.	1.1	19
8	Belt-Driven Open Source Circuit Mill Using Low-Cost 3-D Printer Components. Inventions, 2018, 3, 64.	1.3	12
9	General Design Procedure for Free and Open-Source Hardware for Scientific Equipment. Designs, 2018, 2, 2.	1.3	74
10	Open-Source Automated Mapping Four-Point Probe. Materials, 2017, 10, 110.	1.3	27