

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

231
citations

1162889

8
h-index

1372474

10
g-index

10
all docs

10
docs citations

10
times ranked

248
citing authors

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