

Kavin Kowsari

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

891
citations

840776

11
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

1055
citing authors

#	ARTICLE	IF	CITATIONS
1	Projection micro stereolithography based 3D printing and its applications. International Journal of Extreme Manufacturing, 2020, 2, 022004.	12.7	213
2	Highly stretchable hydrogels for UV curing based high-resolution multimaterial 3D printing. Journal of Materials Chemistry B, 2018, 6, 3246-3253.	5.8	173
3	High-Efficiency High-Resolution Multimaterial Fabrication for Digital Light Processing-Based Three-Dimensional Printing. 3D Printing and Additive Manufacturing, 2018, 5, 185-193.	2.9	106
4	Miniature Pneumatic Actuators for Soft Robots by High-Resolution Multimaterial 3D Printing. Advanced Materials Technologies, 2019, 4, 1900427.	5.8	91
5	Photopolymer formulation to minimize feature size, surface roughness, and stair-stepping in digital light processing-based three-dimensional printing. Additive Manufacturing, 2018, 24, 627-638.	3.0	64
6	Ultrafast Three-Dimensional Printing of Optically Smooth Microlens Arrays by Oscillation-Assisted Digital Light Processing. ACS Applied Materials & Interfaces, 2019, 11, 40662-40668.	8.0	62
7	Multimaterial 3D Printed Soft Actuators Powered by Shape Memory Alloy Wires. Sensors and Actuators A: Physical, 2019, 290, 177-189.	4.1	56
8	Binder-Jet 3D Printing of Indomethacin-laden Pharmaceutical Dosage Forms. Journal of Pharmaceutical Sciences, 2020, 109, 3054-3063.	3.3	50
9	Shape memory alloy based 3D printed composite actuators with variable stiffness and large reversible deformation. Sensors and Actuators A: Physical, 2021, 321, 112598.	4.1	38
10	Transcranial focused ultrasound modulates cortical and thalamic motor activity in awake sheep. Scientific Reports, 2021, 11, 19274.	3.3	17
11	Scalable visible light 3D printing and bioprinting using an organic light-emitting diode microdisplay. IScience, 2021, 24, 103372.	4.1	12
12	Additive manufacturing of high aspect-ratio structures with self-focusing photopolymerization. Light Advanced Manufacturing, 2022, 3, 542.	5.1	4
13	Additive manufacturing of embedded carbon nanocomposite structures with multi-material digital light processing (MMDLP). Journal of Materials Research, 0, , 1.	2.6	3
14	Shape-reversible 4D printing aided by shape memory alloys. , 2022, , 387-406.		2