Jimin

List of Publications by Year
in descending order

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24	585	840776 11	794594 19
papers	citations	h-index	g-index

24	24	24	527
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	3D printing of hydroxyapatite scaffolds with good mechanical and biocompatible properties by digital light processing. Journal of Materials Science, 2018, 53, 6291-6301.	3.7	142
2	Fine lattice structural titanium dioxide ceramic produced by DLP 3D printing. Ceramics International, 2019, 45, 23007-23012.	4.8	89
3	Fabrication of fine and complex lattice structure Al2O3 ceramic by digital light processing 3D printing technology. Journal of Materials Science, 2020, 55, 6771-6782.	3.7	73
4	Effects of scanning speed on in vitro biocompatibility of 316L stainless steel parts elaborated by selective laser melting. International Journal of Advanced Manufacturing Technology, 2017, 92, 4379-4385.	3.0	40
5	Effects of surface quality on corrosion resistance of 316L stainless steel parts manufactured via SLM. Journal of Laser Applications, 2017, 29, .	1.7	35
6	Investigation on 3D printing ZrO2 implant abutment and its fatigue performance simulation. Ceramics International, 2021, 47, 1053-1062.	4.8	33
7	Fabrication of hollow lattice alumina ceramic with good mechanical properties by Digital Light Processing 3D printing technology. Ceramics International, 2021, 47, 26519-26527.	4.8	33
8	Nano-Welding of Multi-Walled Carbon Nanotubes on Silicon and Silica Surface by Laser Irradiation. Nanomaterials, 2016, 6, 36.	4.1	22
9	Micro/Nanoarchitectonics of 3D Printed Scaffolds with Excellent Biocompatibility Prepared Using Femtosecond Laser Two-Photon Polymerization for Tissue Engineering Applications. Nanomaterials, 2022, 12, 391.	4.1	22
10	3D printing of porous scaffolds BaTiO3 piezoelectric ceramics and regulation of their mechanical and electrical properties. Ceramics International, 2022, 48, 6477-6487.	4.8	21
11	Fabrication of alumina ceramics with functional gradient structures by digital light processing 3D printing technology. Ceramics International, 2022, 48, 10613-10619.	4.8	20
12	Quantifying Variation in Soybean Due to Flood Using a Low-Cost 3D Imaging System. Sensors, 2019, 19, 2682.	3.8	11
13	Effects of Process Parameters on the Corrosion Resistance and Biocompatibility of Ti6Al4V Parts Fabricated by Selective Laser Melting. ACS Omega, 2022, 7, 5954-5961.	3.5	11
14	Preparation of porous SnO2-based ceramics with lattice structure by DLP. Ceramics International, 2022, 48, 14568-14577.	4.8	11
15	Effect of heat treatment on properties of Al-Mg-Sc-Zr alloy printed by selective laser melting. Applied Surface Science, 2022, 574, 151471.	6.1	10
16	3D-MID manufacturing via laser direct structuring with nanosecond laser pulses. Journal of Polymer Engineering, 2016, 36, 957-962.	1.4	5
17	Material Extrusion Based Fabrication of Surgical Implant Template and Accuracy Analysis. Materials, 2022, 15, 1738.	2.9	4
18	Research of micro removing copper foil of FCCL assisted with laser. , 2011, , .		1

#	Article	IF	Citations
19	Investigation on Microwelding of Microchip by Laser without Solder. Materials Transactions, 2013, 54, 922-925.	1.2	1
20	Adjustment of Surface Morphologies of Subwavelength-Rippled Structures on Titanium Using Femtosecond Lasers: The Role of Incubation. Applied Sciences (Switzerland), 2019, 9, 3401.	2.5	1
21	Investigation in laser colorful marking in stainless steel plate and Ti plate by pulsed fiber laser. , 2008, , .		0
22	The exploration on laser vertical sintering with magnetic field. , 2009, , .		0
23	Research on the mask micro-transparent defect repair assisted with UV laser. , 2011, , .		0
24	Fabrication of Na0.5K0.5NbO3 Thin Film on Glass Substrate by Pulsed Laser at Room Temperature. , 2012, , .		0