

Jimin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8548369/publications.pdf>

Version: 2024-02-01

24
papers

585
citations

840776

11
h-index

794594

19
g-index

24
all docs

24
docs citations

24
times ranked

527
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	3D printing of porous scaffolds BaTiO ₃ piezoelectric ceramics and regulation of their mechanical and electrical properties. Ceramics International, 2022, 48, 6477-6487.	4.8	21
3	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
4	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
5	Preparation of porous SnO ₂ -based ceramics with lattice structure by DLP. Ceramics International, 2022, 48, 14568-14577.	4.8	11
6	Material Extrusion Based Fabrication of Surgical Implant Template and Accuracy Analysis. Materials, 2022, 15, 1738.	2.9	4
7	Fabrication of alumina ceramics with functional gradient structures by digital light processing 3D printing technology. Ceramics International, 2022, 48, 10613-10619.	4.8	20
8	Investigation on 3D printing ZrO ₂ implant abutment and its fatigue performance simulation. Ceramics International, 2021, 47, 1053-1062.	4.8	33
9	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
10	Fabrication of fine and complex lattice structure Al ₂ O ₃ ceramic by digital light processing 3D printing technology. Journal of Materials Science, 2020, 55, 6771-6782.	3.7	73
11	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
12	Fine lattice structural titanium dioxide ceramic produced by DLP 3D printing. Ceramics International, 2019, 45, 23007-23012.	4.8	89
13	Quantifying Variation in Soybean Due to Flood Using a Low-Cost 3D Imaging System. Sensors, 2019, 19, 2682.	3.8	11
14	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
15	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
16	Effects of surface quality on corrosion resistance of 316L stainless steel parts manufactured via SLM. Journal of Laser Applications, 2017, 29, .	1.7	35
17	Nano-Welding of Multi-Walled Carbon Nanotubes on Silicon and Silica Surface by Laser Irradiation. Nanomaterials, 2016, 6, 36.	4.1	22
18	3D-MID manufacturing via laser direct structuring with nanosecond laser pulses. Journal of Polymer Engineering, 2016, 36, 957-962.	1.4	5

#	ARTICLE	IF	CITATIONS
19	Investigation on Microwelding of Microchip by Laser without Solder. Materials Transactions, 2013, 54, 922-925.	1.2	1
20	Fabrication of Na _{0.5} K _{0.5} NbO ₃ Thin Film on Glass Substrate by Pulsed Laser at Room Temperature. , 2012, , .		0
21	Research of micro removing copper foil of FCCL assisted with laser. , 2011, , .		1
22	Research on the mask micro-transparent defect repair assisted with UV laser. , 2011, , .		0
23	The exploration on laser vertical sintering with magnetic field. , 2009, , .		0
24	Investigation in laser colorful marking in stainless steel plate and Ti plate by pulsed fiber laser. , 2008, , .		0