Yong Huang

List of Publications by Citations

144 papers	5,174 citations	37 h-index	68 g-index
151 ext. papers	6,013 ext. citations	4.9 avg, IF	6.15 L-index

#	Paper	IF	Citations
144	Additive Manufacturing: Current State, Future Potential, Gaps and Needs, and Recommendations. *Journal of Manufacturing Science and Engineering, Transactions of the ASME*, **2015**, 137,	3.3	472
143	Scaffold-free inkjet printing of three-dimensional zigzag cellular tubes. *Biotechnology and Bioengineering*, **2012**, 109, 3152-60	4.9	246
142	Laser-based direct-write techniques for cell printing. *Biofabrication*, **2010**, 2, 032001	10.5	223
141	Freeform inkjet printing of cellular structures with bifurcations. *Biotechnology and Bioengineering*, **2015**, 112, 1047-55	4.9	215
140	Ceramics with Special Porous Structures Fabricated by Freeze-Gelcasting: Using tert-Butyl Alcohol as a Template. *Journal of the American Ceramic Society*, **2007**, 90, 3478-3484	3.8	148
139	CBN tool wear in hard turning: a survey on research progresses. *International Journal of Advanced Manufacturing Technology*, **2007**, 35, 443-453	3.2	129
138	Self-Supporting Nanoclay as Internal Scaffold Material for Direct Printing of Soft Hydrogel Composite Structures in Air. *ACS Applied Materials & Interfaces*, **2017**, 9, 17456-17465	9.5	123
137	Study of droplet formation process during drop-on-demand inkjetting of living cell-laden bioink. *Langmuir*, **2014**, 30, 9130-8	4	117
136	Freeform drop-on-demand laser printing of 3D alginate and cellular constructs. *Biofabrication*, **2015**, 7, 045011	10.5	111
135	Interfacial bonding during multi-material fused deposition modeling (FDM) process due to inter-molecular diffusion. *Materials and Design*, **2018**, 150, 104-112	8.1	103
134	Modeling of CBN Tool Flank Wear Progression in Finish Hard Turning. *Journal of Manufacturing Science and Engineering, Transactions of the ASME*, **2004**, 126, 98-106	3.3	103
133	Research needs and recommendations on environmental implications of additive manufacturing. *Additive Manufacturing*, **2018**, 19, 21-28	6.1	96
132	Inkjet Bioprinting of 3D Silk Fibroin Cellular Constructs Using Sacrificial Alginate. *ACS Biomaterials Science and Engineering*, **2017**, 3, 1519-1526	5.5	92
131	Electrophoretic Deposition Forming of SiC-TZP Composites in a Nonaqueous Sol Media. *Journal of the American Ceramic Society*, **1994**, 77, 1946-1949	3.8	91
130	Characterization of particulate matters and total VOC emissions from a binder jetting 3D printer. *Building and Environment*, **2015**, 93, 293-301	6.5	86
129	Inverse determination of Johnson–Cook model constants of ultra-fine-grained titanium based on chip formation model and iterative gradient search. *International Journal of Advanced Manufacturing Technology*, **2018**, 99, 1131-1140	3.2	85
128	Functional Nanoclay Suspension for Printing-Then-Solidification of Liquid Materials. *ACS Applied Materials & Interfaces*, **2017**, 9, 20057-20066	9.5	83

127	Evaluation of bioink printability for bioprinting applications. *Applied Physics Reviews*, **2018**, 5, 041304	17.3	83
126	Granular gel support-enabled extrusion of three-dimensional alginate and cellular structures. *Biofabrication*, **2016**, 8, 025016	10.5	81
125	Porous yttria-stabilized zirconia ceramics with ultra-low thermal conductivity. *Journal of Materials Science*, **2010**, 45, 3242-3246	4.3	81
124	Laser-assisted printing of alginate long tubes and annular constructs. *Biofabrication*, **2013**, 5, 015002	10.5	80
123	Alginate gelation-induced cell death during laser-assisted cell printing. *Biofabrication*, **2014**, 6, 035022	10.5	76
122	Cell and organ printing turns 15: Diverse research to commercial transitions. *MRS Bulletin*, **2013**, 38, 834-843	3.4	73
121	Ceramics With Ultra-Low Density Fabricated by Gelcasting: An Unconventional View. *Journal of the American Ceramic Society*, **2007**, 90, 3424-3429	3.8	70
120	Printability study of hydrogel solution extrusion in nanoclay yield-stress bath during printing-then-gelation biofabrication. *Materials Science and Engineering C*, **2017**, 80, 313-325	8.3	70
119	Study of Impact-Induced Mechanical Effects in Cell Direct Writing Using Smooth Particle Hydrodynamic Method. *Journal of Manufacturing Science and Engineering, Transactions of the ASME*, **2008**, 130,	3.3	65
118	Modeling of Cutting Forces Under Hard Turning Conditions Considering Tool Wear Effect. *Journal of Manufacturing Science and Engineering, Transactions of the ASME*, **2005**, 127, 262-270	3.3	65
117	Design of neural network-based estimator for tool wear modeling in hard turning. *Journal of Intelligent Manufacturing*, **2008**, 19, 383-396	6.7	59
116	Time-Resolved Imaging Study of Jetting Dynamics during Laser Printing of Viscoelastic Alginate Solutions. *Langmuir*, **2015**, 31, 6447-56	4	57
115	Nanoclay-Based Self-Supporting Responsive Nanocomposite Hydrogels for Printing Applications. *ACS Applied Materials & Interfaces*, **2018**, 10, 10461-10470	9.5	55
114	Control of Composition and Structure in Laminated Silicon Nitride/Boron Nitride Composites. *Journal of the American Ceramic Society*, **2002**, 85, 2457-2461	3.8	50
113	Gellan Fluid Gel as a Versatile Support Bath Material for Fluid Extrusion Bioprinting. *ACS Applied Materials & Interfaces*, **2019**, 11, 5714-5726	9.5	49
112	Droplet formation in matrix-assisted pulsed-laser evaporation direct writing of glycerol-water solution. *Journal of Applied Physics*, **2009**, 105, 093111	2.5	48
111	Effect of laser fluence in laser-assisted direct writing of human colon cancer cell. *Rapid Prototyping Journal*, **2010**, 16, 202-208	3.8	47
110	Quantitative phase analysis in the TiAlC ternary system by X-ray diffraction. *Powder Diffraction*, **2005**, 20, 218-223	1.8	46

109	CUTTING TEMPERATURE MODELING BASED ON NON-UNIFORM HEAT INTENSITY AND PARTITION RATIO. *Machining Science and Technology*, **2005**, 9, 301-323	2	44
108	Modeling of Bubble Expansion-Induced Cell Mechanical Profile in Laser-Assisted Cell Direct Writing. *Journal of Manufacturing Science and Engineering, Transactions of the ASME*, **2009**, 131,	3.3	41
107	Study of Impingement Types and Printing Quality during Laser Printing of Viscoelastic Alginate Solutions. *Langmuir*, **2016**, 32, 3004-14	4	37
106	Freeform Vertical and Horizontal Fabrication of Alginate-Based Vascular-Like Tubular Constructs Using Inkjetting. *Journal of Manufacturing Science and Engineering, Transactions of the ASME*, **2014**, 136,	3.3	37
105	Porous PZT Ceramics with High Hydrostatic Figure of Merit and Low Acoustic Impedance by TBA-Based Gel-Casting Process. *Journal of the American Ceramic Society*, **2010**, 93, 1427	3.8	36
104	Preparation of Si3N4 Foam Ceramics with Nest-Like Cell Structure by Particle-Stabilized Foams. *Journal of the American Ceramic Society*, **2012**, 95, 1229-1233	3.8	35
103	Effect of laser fluence on yeast cell viability in laser-assisted cell transfer. *Journal of Applied Physics*, **2009**, 106, 043106	2.5	34
102	Effects of living cells on the bioink printability during laser printing. *Biomicrofluidics*, **2017**, 11, 034120	3.2	33
101	Predictive compensation-enabled horizontal inkjet printing of alginate tubular constructs. *Manufacturing Letters*, **2013**, 1, 28-32	4.5	33
100	Water-Based Gelcasting of Surface-Coated Silicon Nitride Powder. *Journal of the American Ceramic Society*, **2001**, 84, 701-707	3.8	32
99	Improved osseointegration of 3D printed Ti-6Al-4V implant with a hierarchical micro/nano surface topography: An in vitro and in vivo study. *Materials Science and Engineering C*, **2021**, 118, 111505	8.3	32
98	Surface oxidation to improve water-based gelcasting of silicon nitride. *Journal of Materials Science*, **2000**, 35, 3519-3524	4.3	31
97	Study of gelatin as an effective energy absorbing layer for laser bioprinting. *Biofabrication*, **2017**, 9, 024103	10.5	30
96	Microstructure and Electrical Properties of Porous PZT Ceramics Fabricated by Different Methods. *Journal of the American Ceramic Society*, **2010**, 93, 1984	3.8	30
95	Printing-induced cell injury evaluation during laser printing of 3T3 mouse fibroblasts. *Biofabrication* , **2017**, 9, 025038	10.5	29
94	Modelling of CBN tool crater wear in finish hard turning. *International Journal of Advanced Manufacturing Technology*, **2004**, 24, 632-639	3.2	29
93	A new gel casting of ceramics by reaction of sodium alginate and calcium iodate at increased temperatures. *Journal of Materials Science Letters*, **2001**, 20, 1255-1257		29
92	Additive Manufacturing for Health: State of the Art, Gaps and Needs, and Recommendations. *Journal of Manufacturing Science and Engineering, Transactions of the ASME*, **2018**, 140,	3.3	28

91	Morphologically modified surface with hierarchical micro-/nano-structures for enhanced bioactivity of titanium implants. *Journal of Materials Science*, **2018**, 53, 12679-12691	4.3	28
90	Alginate Microsphere Fabrication Using Bipolar Wave-Based Drop-on-Demand Jetting. *Journal of Manufacturing Processes*, **2012**, 14, 98-106	5	28
89	Study of extrudability and standoff distance effect during nanoclay-enabled direct printing. *Bio-Design and Manufacturing*, **2018**, 1, 123-134	4.7	27
88	Effects of fluid properties and laser fluence on jet formation during laser direct writing of glycerol solution. *Journal of Applied Physics*, **2012**, 112, 083105	2.5	27
87	Injectable Gelatin Microgel-Based Composite Ink for 3D Bioprinting in Air. *ACS Applied Materials & Interfaces*, **2020**, 12, 22453-22466	9.5	26
86	Metallic foil-assisted laser cell printing. *Journal of Biomechanical Engineering*, **2011**, 133, 025001	2.1	25
85	Experimental investigation of aligned groove formation on the inner surface of polyacrylonitrile hollow fiber membrane. *Journal of Membrane Science*, **2012**, 394-395, 57-68	9.6	24
84	Identification of optimal printing conditions for laser printing of alginate tubular constructs. *Journal of Manufacturing Processes*, **2015**, 20, 450-455	5	24
83	Study of Pinch-Off Locations during Drop-on-Demand Inkjet Printing of Viscoelastic Alginate Solutions. *Langmuir*, **2017**, 33, 5037-5045	4	23
82	Porous yttria-stabilized zirconia ceramics with ultra-low thermal conductivity. Part II: temperature dependence of thermophysical properties. *Journal of Materials Science*, **2011**, 46, 623-628	4.3	23
81	High-fidelity and high-efficiency additive manufacturing using tunable pre-curing digital light processing. *Additive Manufacturing*, **2019**, 30, 100889	6.1	22
80	Cross-Linkable Microgel Composite Matrix Bath for Embedded Bioprinting of Perfusable Tissue Constructs and Sculpting of Solid Objects. *ACS Applied Materials & Interfaces*, **2020**, 12, 7855-7868	9.5	21
79	Kinetics mechanism of microwave sintering in ceramic materials. *Science in China Series D: Earth Sciences*, **2009**, 52, 2727-2731		21
78	Effects of porosity on dielectric and piezoelectric properties of porous lead zirconate titanate ceramics. *Applied Physics Letters*, **2011**, 98, 152904	3.4	21
77	Elimination of Surface Spallation of Alumina Green Bodies Prepared by Acrylamide-Based Gelcasting via Poly(vinylpyrrolidone). *Journal of the American Ceramic Society*, **2003**, 86, 266-272	3.8	21
76	Effect of Acid Cleaning and Calcination on Rheological Properties of Concentrated Aqueous Suspensions of Silicon Nitride Powder. *Journal of the American Ceramic Society*, **2004**, 85, 293-298	3.8	18
75	Accelerated sintering and phase transformation of TiO2in microwave radiation. *Journal of Materials Research*, **1998**, 13, 3417-3422	2.5	18
74	In Situ Printing-then-Mixing for Biological Structure Fabrication Using Intersecting Jets. *ACS Biomaterials Science and Engineering*, **2017**, 3, 3687-3694	5.5	17

73	Constitutive modeling of ultra-fine-grained titanium flow stress for machining temperature prediction. *Bio-Design and Manufacturing*, **2019**, 2, 153-160	4.7	16
72	Formation of Highly Aligned Grooves on Inner Surface of Semipermeable Hollow Fiber Membrane for Directional Axonal Outgrowth. *Journal of Manufacturing Science and Engineering, Transactions of the ASME*, **2008**, 130,	3.3	15
71	Improved Resistance to Damage of Silicon Carbide-Whisker-Reinforced Silicon Nitride-Matrix Composites by Whisker-Oriented Alignment. *Journal of the American Ceramic Society*, **2001**, 84, 161-164	3.8	15
70	Laser printing-enabled direct creation of cellular heterogeneity in lab-on-a-chip devices. *Lab on A Chip*, **2019**, 19, 1644-1656	7.2	14
69	Fabrication of Stand-Alone Cell-Laden Collagen Vascular Network Scaffolds Using Fugitive Pattern-Based Printing-Then-Casting Approach. *ACS Applied Materials & Interfaces*, **2018**, 10, 28361-28371	9.5	14
68	Printing of Hydrophobic Materials in Fumed Silica Nanoparticle Suspension. *ACS Applied Materials & Interfaces*, **2019**, 11, 29207-29217	9.5	14
67	Pore structure control of Si3N4 ceramics based on particle-stabilized foams. *Journal of Porous Materials*, **2012**, 19, 883-888	2.4	14
66	Performance evaluation of bipolar and tripolar excitations during nozzle-jetting-based alginate microsphere fabrication. *Journal of Micromechanics and Microengineering*, **2012**, 22, 085025	2	14
65	Parametric Study of Acoustic Excitation-Based Glycerol-Water Microsphere Fabrication in Single Nozzle Jetting. *Journal of Manufacturing Science and Engineering, Transactions of the ASME*, **2010**, 132,	3.3	14
64	Laser-assisted fabrication of highly viscous alginate microsphere. *Journal of Applied Physics*, **2011**, 109, 083107	2.5	14
63	Bubble Formation Modeling During Laser Direct Writing of Glycerol Solutions. *Journal of Micro and Nano-Manufacturing*, **2015**, 3,	1.3	13
62	Electric field-assisted droplet formation using piezoactuation-based drop-on-demand inkjet printing. *Journal of Micromechanics and Microengineering*, **2014**, 24, 115011	2	13
61	Preparation and Properties of Porous Alumina with Highly Ordered and Unidirectional Oriented Pores by a Self-Organization Process. *Journal of the American Ceramic Society*, **2011**, 94, 1978-1981	3.8	13
60	Toughening by Multiple Mechanisms in Ceramic-Matrix Composites with Discontinuous Elongated Reinforcements. *Journal of the American Ceramic Society*, **2004**, 83, 2006-2016	3.8	13
59	Study of the Shear Strain and Shear Strain Rate Progression During Titanium Machining. *Journal of Manufacturing Science and Engineering, Transactions of the ASME*, **2018**, 140,	3.3	12
58	Chip Morphology and Chip Formation Mechanisms During Machining of ECAE-Processed Titanium. *Journal of Manufacturing Science and Engineering, Transactions of the ASME*, **2018**, 140,	3.3	12
57	Effects of printing-induced interfaces on localized strain within 3D printed hydrogel structures. *Materials Science and Engineering C*, **2018**, 89, 65-74	8.3	12
56	Study of path loss and data transmission error of IEEE 802.15.4 compliant wireless sensors in small-scale manufacturing environments. *International Journal of Advanced Manufacturing Technology*, **2012**, 63, 659-669	3.2	12

55	Study of Chip Morphology and Chip Formation Mechanism During Machining of Magnesium-Based Metal Matrix Composites. *Journal of Manufacturing Science and Engineering, Transactions of the ASME*, **2017**, 139,	3.3	11
54	Characterization of lead-based relaxor ferroelectric ceramics sintered in a 2.45 GHz microwave radiation. *Journal of Materials Science*, **2000**, 35, 203-207	4.3	11
53	Porous morphology and mechanical properties of poly(lactide-co-glycolide) hollow fiber membranes governed by ternary-phase inversion. *Journal of Membrane Science*, **2019**, 579, 180-189	9.6	11
52	Coating of Silicon Nitride and its Colloidal Behavior. *Journal of Materials Science Letters*, **1998**, 17, 1239-1241		10
51	Microwave sintering behaviour of ZrO2-Y2O3 with agglomerate. *Journal of Materials Science Letters* , **1996**, 15, 1158-1160		10
50	Oxidation Behavior of SiC Platelet-Reinforced ZrB2 Ceramic Matrix Composites. *International Journal of Applied Ceramic Technology*, **2012**, 9, 178-185	2	9
49	Improving the breakdown strength of rutile capacitor by gelcasting. *Journal of Materials Science Letters*, **2001**, 20, 1285-1288		9
48	Modeling of Thermoelastic Stress Wave in Laser-Assisted Cell Direct Writing. *Journal of Manufacturing Science and Engineering, Transactions of the ASME*, **2011**, 133,	3.3	8
47	Physical understanding of axonal growth patterns on grooved substrates: groove ridge crossing versus longitudinal alignment. *Bio-Design and Manufacturing*, **2020**, 3, 348-360	4.7	8
46	Groove Formation Modeling in Fabricating Hollow Fiber Membrane for Nerve Regeneration. *Journal of Applied Mechanics, Transactions ASME*, **2011**, 78,	2.7	7
45	Liquid-absorbing system-assisted intersecting jets printing of soft structures from reactive biomaterials. *Additive Manufacturing*, **2020**, 31, 100934	6.1	7
44	Efficacy of Large Groove Texture on Rat Sciatic Nerve Regeneration In Vivo Using Polyacrylonitrile Nerve Conduits. *Annals of Biomedical Engineering*, **2021**, 49, 394-406	4.7	7
43	Theoretical prediction and experimental validation of the digital light processing (DLP) working curve for photocurable materials. *Additive Manufacturing*, **2021**, 37, 101716	6.1	7
42	Study of grain size variation and saw-tooth spacing during machining of additively manufactured titanium alloy. *MRS Communications*, **2015**, 5, 341-346	2.7	6
41	COMBINED EFFECTS OF FLANK AND CRATER WEAR ON CUTTING FORCE MODELING IN ORTHOGONAL MACHINING PART II: BAYESIAN APPROACH-BASED MODEL VALIDATION. *Machining Science and Technology*, **2010**, 14, 24-42	2	6
40	COMBINED EFFECTS OF FLANK AND CRATER WEAR ON CUTTING FORCE MODELING IN ORTHOGONAL MACHINING PART I: MODEL DEVELOPMENT. *Machining Science and Technology*, **2010**, 14, 1-23	2	6
39	Study of Machining-Induced Microstructure Variations of Nanostructured/Ultrafine-Grained Copper Using XRD. *Journal of Engineering Materials and Technology, Transactions of the ASME*, **2011**, 133,	1.8	6
38	Complex Impedance Analysis on the Orientation Effect of Whiskers in Oriented Silicon Carbide Whisker/Silicon Nitride Composites. *Journal of the American Ceramic Society*, **2004**, 83, 2689-2692	3.8	6

37	Reply to Comment on Electrophoretic Deposition Forming of SiC-TZP Composites in a Nonaqueous Sol Media' *Journal of the American Ceramic Society*, **1995**, 78, 3167-3168	3.8	6
36	Biomedical Manufacturing: A Review of the Emerging Research and Applications. *Journal of Manufacturing Science and Engineering, Transactions of the ASME*, **2020**, 142,	3.3	6
35	Study of Process-Induced Cell Membrane Stability in Cell Direct Writing. *Journal of Manufacturing Science and Engineering, Transactions of the ASME*, **2011**, 133,	3.3	5
34	In Situ Synthesis of Yttria-Stabilized Tetragonal Zirconia Polycrystal Powder Containing Dispersed Titanium Carbide by Selective Carbonization. *Journal of the American Ceramic Society*, **2004**, 82, 1611-1613	3.8	5
33	Rheological behavior of alumina aqueous suspension in acrylamide/polyacrylamide systems. *Journal of Materials Science Letters*, **2002**, 21, 1163-1165		5
32	Preparation and electric properties of dense Lead Nickel Niobate Lead Titanate (Pb(Ni1/3Nb2/3)PbTiO3) ceramics by spark plasma sintering. *Journal of Materials Science Letters*, **2002**, 21, 1785-1787		5
31	Translation of laser-based three-dimensional printing technologies. *MRS Bulletin*, **2021**, 46, 174-185	3.2	5
30	Investigation of Inner Surface Groove Formation Under Radially Inward Pressure During Immersion Precipitation-Based Hollow Fiber Membrane Fabrication. *Journal of Manufacturing Science and Engineering, Transactions of the ASME*, **2011**, 133,	3.3	4
29	Fabrication of high toughness alumina with elongated grains. *Journal of Materials Science Letters*, **2001**, 20, 1425-1427		4
28	Phase Diagram of Pinch-off Behaviors During Drop-on-Demand Inkjetting of Alginate Solutions. *Journal of Manufacturing Science and Engineering, Transactions of the ASME*, **2019**, 141,	3.3	4
27	Drop-on-demand (DOD) inkjet dynamics of printing viscoelastic conductive ink. *Additive Manufacturing*, **2021**, 48, 102451	6.1	4
26	Computational study of extrusion bioprinting with jammed gelatin microgel-based composite ink. *Additive Manufacturing*, **2021**, 41, 101963	6.1	4
25	Deformation Compensation During Buoyancy-Enabled Inkjet Printing of Three-Dimensional Soft Tubular Structures. *Journal of Manufacturing Science and Engineering, Transactions of the ASME*, **2018**, 140,	3.3	3
24	Electrochemical synthesis and properties of layer-structured polypyrrole/montmorillonite nanocomposite films. *Journal of Materials Research*, **2010**, 25, 658-664	2.5	3
23	Nanoclay Suspension-Enabled Extrusion Bioprinting of Three-Dimensional Soft Structures. *Journal of Manufacturing Science and Engineering, Transactions of the ASME*, **2021**, 143,	3.3	3
22	Bioprinting on Live Tissue for Investigating Cancer Cell Dynamics. *Tissue Engineering - Part A*, **2021**, 27, 438-453	3.9	3
21	3-D printed X-band Yagi-Uda antenna **2018**,		2
20	Evaluation of chip morphology during machining of ECAE titanium **2016**,		2

19	Study of Layer Formation During Droplet-Based Three-Dimensional Printing of Gel Structures. *Journal of Manufacturing Science and Engineering, Transactions of the ASME*, **2017**, 139,	3.3	2
18	Preparation and characterization of polymer-clay nanocomposite films. *Science in China Series B: Chemistry*, **2009**, 52, 2323-2328		2
17	Joining of Molten Salt Reaction Titanium-metallized Si3N4 to Si3N4. *Journal of Materials Science Letters*, **1998**, 17, 2113-2115		2
16	The effect of deionization on concentrated suspension of silicon nitride. *Journal of Materials Science Letters*, **2001**, 20, 1537-1540		2
15	Mechanical properties of Si3N4/BN fibrous monolithic ceramics at elevated-temperature. *Journal of Materials Science*, **2001**, 36, 4103-4106	4.3	2
14	Microstructure and strength modification of relaxor ferroelectric ceramics through microwave sintering for multilayer capacitors. *Science in China Series D: Earth Sciences*, **1999**, 42, 337-341		2
13	Journal. Pseudoelastic Behavior in Ce-TZP Al2O3 Ceramics. *Journal of the American Ceramic Society*, **1991**, 74, 2180-2183	3.8	2
12	Study of sacrificial ink-assisted embedded printing for 3D perfusable channel creation for biomedical applications.. *Applied Physics Reviews*, **2022**, 9, 011408	17.3	2
11	Investigation of the Effect of Moving Forklift on Data Transmission of IEEE 802.15.4 Wireless Sensor Radio. *Journal of Manufacturing Science and Engineering, Transactions of the ASME*, **2012**, 134,	3.3	1
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9	Overview of Manufacturing **2019**, 1-16		1
8	Effect of bore fluid composition on poly(lactic-co-glycolic acid) hollow fiber membranes fabricated by dry-jet wet spinning. *Journal of Membrane Science*, **2021**, 640, 119784	9.6	0
7	Laser-Induced Forward Transfer of Soft Materials **2018**, 199-226		
6	Metallization of Si3N4 surface by molten salt reaction. *Journal of Materials Science Letters*, **1997**, 16, 745-746		
5	Fabrication of Dispersed Permalloy Nanoparticles by Pulsed Laser Ablation in Aqua. *Materials Research Society Symposia Proceedings*, **2008**, 1118, 8		
4	Mechanical Properties of Silicon Carbide Whisker-Reinforced Silicon Nitride Matrix Composites. *Materials Research Society Symposia Proceedings*, **1992**, 287, 493		
3	Biomedical Manufacturing **2019**, 511-540		
2	The Power of CAD/CAM Laser Bioprinting at the Single-Cell Level: Evolution of Printing **2022**, 93-121		

1 Effects of Spatial and Temporal Offset during Landing on Mixing Performance in Intersecting-Jets Printing. *Additive Manufacturing*, **2022**, 102829 6.1