

# Yong Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4716002/publications.pdf>

Version: 2024-02-01

171  
papers

9,017  
citations

50276

46  
h-index

45317

90  
g-index

174  
all docs

174  
docs citations

174  
times ranked

8739  
citing authors

#	ARTICLE	IF	CITATIONS
1	The status, challenges, and future of additive manufacturing in engineering. CAD Computer Aided Design, 2015, 69, 65-89.	2.7	1,725
2	Recent Progress in Biomimetic Additive Manufacturing Technology: From Materials to Functional Structures. Advanced Materials, 2018, 30, e1706539.	21.0	325
3	3D-Printed Biomimetic Super-Hydrophobic Structure for Microdroplet Manipulation and Oil/Water Separation. Advanced Materials, 2018, 30, 1704912.	21.0	312
4	Ionic/Electronic Hybrid Materials Integrated in a Synaptic Transistor with Signal Processing and Learning Functions. Advanced Materials, 2010, 22, 2448-2453.	21.0	283
5	Vapor-Phase Self-Assembled Monolayer for Improved Mold Release in Nanoimprint Lithography. Langmuir, 2005, 21, 1158-1161.	3.5	267
6	Nanoscale molecular-switch devices fabricated by imprint lithography. Applied Physics Letters, 2003, 82, 1610-1612.	3.3	259
7	A Carbon Nanotube Synapse with Dynamic Logic and Learning. Advanced Materials, 2013, 25, 1693-1698.	21.0	258
8	Electrically assisted 3D printing of nacre-inspired structures with self-sensing capability. Science Advances, 2019, 5, eaau9490.	10.3	214
9	Biomimetic Anisotropic Reinforcement Architectures by Electrically Assisted Nanocomposite 3D Printing. Advanced Materials, 2017, 29, 1605750.	21.0	212
10	Digital material fabrication using mask-image-projection-based stereolithography. Rapid Prototyping Journal, 2013, 19, 153-165.	3.2	204
11	3D printing of piezoelectric element for energy focusing and ultrasonic sensing. Nano Energy, 2016, 27, 78-86.	16.0	199
12	Effect of the particle size and the debinding process on the density of alumina ceramics fabricated by 3D printing based on stereolithography. Ceramics International, 2016, 42, 17290-17294.	4.8	170
13	Fabrication of dense zirconia-toughened alumina ceramics through a stereolithography-based additive manufacturing. Ceramics International, 2017, 43, 968-972.	4.8	157
14	Preparation of a defect-free alumina cutting tool via additive manufacturing based on stereolithography – Optimization of the drying and debinding processes. Ceramics International, 2016, 42, 11598-11602.	4.8	152
15	Three dimensional printing of high dielectric capacitor using projection based stereolithography method. Nano Energy, 2016, 22, 414-421.	16.0	138
16	A Fast Mask Projection Stereolithography Process for Fabricating Digital Models in Minutes. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2012, 134, .	2.2	126
17	Ceramic fabrication using Mask-Image-Projection-based Stereolithography integrated with tape-casting. Journal of Manufacturing Processes, 2015, 20, 456-464.	5.9	126
18	Patterning and Templating for Nanoelectronics. Advanced Materials, 2010, 22, 769-778.	21.0	107

#	ARTICLE	IF	CITATIONS
19	Stretchable Nanolayered Thermoelectric Energy Harvester on Complex and Dynamic Surfaces. Nano Letters, 2020, 20, 4445-4453.	9.1	106
20	Flexible piezoelectric ultrasonic energy harvester array for bio-implantable wireless generator. Nano Energy, 2019, 56, 216-224.	16.0	105
21	Organic resistive nonvolatile memory materials. MRS Bulletin, 2012, 37, 144-149.	3.5	104
22	Development of a Low-Cost Parallel Kinematic Machine for Multidirectional Additive Manufacturing. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2015, 137, .	2.2	102
23	Statistical Predictive Modeling and Compensation of Geometric Deviations of Three-Dimensional Printed Products. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2014, 136, .	2.2	98
24	3D printing of hydroxyapatite/tricalcium phosphate scaffold with hierarchical porous structure for bone regeneration. Bio-Design and Manufacturing, 2020, 3, 15-29.	7.7	96
25	3D Printing of Functional Magnetic Materials: From Design to Applications. Advanced Functional Materials, 2021, 31, 2102777.	14.9	91
26	Analog Neuromorphic Module Based on Carbon Nanotube Synapses. ACS Nano, 2013, 7, 6117-6122.	14.6	84
27	Additive manufacturing based on optimized mask video projection for improved accuracy and resolution. Journal of Manufacturing Processes, 2012, 14, 107-118.	5.9	76
28	A layerless additive manufacturing process based on CNC accumulation. Rapid Prototyping Journal, 2011, 17, 218-227.	3.2	74
29	3D Texture Mapping for Rapid Manufacturing. Computer-Aided Design and Applications, 2007, 4, 761-771.	0.6	72
30	Four-Dimensional Printing for Freeform Surfaces: Design Optimization of Origami and Kirigami Structures. Journal of Mechanical Design, Transactions of the ASME, 2015, 137, .	2.9	72
31	Ultrasound-induced wireless energy harvesting: From materials strategies to functional applications. Nano Energy, 2020, 77, 105131.	16.0	69
32	Solid modeling of polyhedral objects by Layered Depth-Normal Images on the GPU. CAD Computer Aided Design, 2010, 42, 535-544.	2.7	68
33	3D-Printed Cactus-Inspired Spine Structures for Highly Efficient Water Collection. Advanced Materials Interfaces, 2020, 7, 1901752.	3.7	68
34	Interactive Material Design Using Model Reduction. ACM Transactions on Graphics, 2015, 34, 1-14.	7.2	67
35	Organic nonvolatile memory by dopant-configurable polymer. Applied Physics Letters, 2006, 88, 133515.	3.3	62
36	Piezoelectric component fabrication using projection-based stereolithography of barium titanate ceramic suspensions. Rapid Prototyping Journal, 2017, 23, 44-53.	3.2	61

#	ARTICLE	IF	CITATIONS
37	Ultrasound-Induced Wireless Energy Harvesting for Potential Retinal Electrical Stimulation Application. <i>Advanced Functional Materials</i> , 2019, 29, 1902522.	14.9	56
38	Limpet Tooth-Inspired Painless Microneedles Fabricated by Magnetic Field-Assisted 3D Printing. <i>Advanced Functional Materials</i> , 2021, 31, 2003725.	14.9	54
39	Uniform offsetting of polygonal model based on Layered Depth-Normal Images. <i>CAD Computer Aided Design</i> , 2011, 43, 31-46.	2.7	53
40	Origami-Based Self-Folding Structure Design and Fabrication Using Projection Based Stereolithography. <i>Journal of Mechanical Design, Transactions of the ASME</i> , 2015, 137, .	2.9	52
41	Nonvolatile memory devices with Cu <sub>2</sub> S and Cu-Pc bilayered films. <i>Applied Physics Letters</i> , 2007, 91, .	3.3	51
42	Optimized Mask Image Projection for Solid Freeform Fabrication. <i>Journal of Manufacturing Science and Engineering, Transactions of the ASME</i> , 2009, 131, .	2.2	51
43	Multitool and Multi-Axis Computer Numerically Controlled Accumulation for Fabricating Conformal Features on Curved Surfaces. <i>Journal of Manufacturing Science and Engineering, Transactions of the ASME</i> , 2014, 136, .	2.2	51
44	Challenges and Status on Design and Computation for Emerging Additive Manufacturing Technologies. <i>Journal of Computing and Information Science in Engineering</i> , 2019, 19, .	2.7	50
45	Cure behavior of colorful ZrO <sub>2</sub> suspensions during Digital light processing (DLP) based stereolithography process. <i>Journal of the European Ceramic Society</i> , 2019, 39, 4921-4927.	5.7	48
46	Adaptive slicing based on efficient profile analysis. <i>CAD Computer Aided Design</i> , 2019, 107, 89-101.	2.7	48
47	3D-Printing Piezoelectric Composite with Honeycomb Structure for Ultrasonic Devices. <i>Micromachines</i> , 2020, 11, 713.	2.9	48
48	Flexible ultrasound-induced retinal stimulating piezo-arrays for biomimetic visual prostheses. <i>Nature Communications</i> , 2022, 13, .	12.8	48
49	Bioinspired Functional Surfaces Enabled by Multiscale Stereolithography. <i>Advanced Materials Technologies</i> , 2019, 4, 1800638.	5.8	47
50	A structural topology design method based on principal stress line. <i>CAD Computer Aided Design</i> , 2016, 80, 19-31.	2.7	44
51	3D Printing Temporary Crown and Bridge by Temperature Controlled Mask Image Projection Stereolithography. <i>Procedia Manufacturing</i> , 2018, 26, 1023-1033.	1.9	43
52	A vibration-assisted method to reduce separation force for stereolithography. <i>Journal of Manufacturing Processes</i> , 2018, 34, 793-801.	5.9	38
53	3D Printing of Flexible Liquid Sensor Based on Swelling Behavior of Hydrogel with Carbon Nanotubes. <i>Advanced Materials Technologies</i> , 2019, 4, 1800476.	5.8	38
54	Intersection-Free and Topologically Faithful Slicing of Implicit Solid. <i>Journal of Computing and Information Science in Engineering</i> , 2013, 13, .	2.7	37

#	ARTICLE	IF	CITATIONS
55	Synaptic Resistors for Concurrent Inference and Learning with High Energy Efficiency. <i>Advanced Materials</i> , 2019, 31, e1808032.	21.0	36
56	An Organic/Si Nanowire Hybrid Field Configurable Transistor. <i>Nano Letters</i> , 2008, 8, 876-880.	9.1	34
57	Analog memory capacitor based on field-configurable ion-doped polymers. <i>Applied Physics Letters</i> , 2009, 95, .	3.3	34
58	Nonvolatile Analog Memory Transistor Based on Carbon Nanotubes and C60 Molecules. <i>Small</i> , 2013, 9, 2283-2287.	10.0	34
59	Micro-scale feature fabrication using immersed surface accumulation. <i>Journal of Manufacturing Processes</i> , 2017, 28, 531-540.	5.9	34
60	Mask Video Projection-Based Stereolithography With Continuous Resin Flow. <i>Journal of Manufacturing Science and Engineering, Transactions of the ASME</i> , 2019, 141, .	2.2	34
61	In-situ transfer vat photopolymerization for transparent microfluidic device fabrication. <i>Nature Communications</i> , 2022, 13, 918.	12.8	34
62	Fabrication of fine-grained alumina ceramics by a novel process integrating stereolithography and liquid precursor infiltration processing. <i>Ceramics International</i> , 2016, 42, 17736-17741.	4.8	32
63	Thickening freeform surfaces for solid fabrication. <i>Rapid Prototyping Journal</i> , 2013, 19, 395-406.	3.2	31
64	Porous Structure Fabrication Using a Stereolithography-Based Sugar Foaming Method. <i>Journal of Manufacturing Science and Engineering, Transactions of the ASME</i> , 2017, 139, .	2.2	31
65	Regional gene therapy with 3D printed scaffolds to heal critical sized bone defects in a rat model. <i>Journal of Biomedical Materials Research - Part A</i> , 2019, 107, 2174-2182.	4.0	30
66	Highly removable water support for Stereolithography. <i>Journal of Manufacturing Processes</i> , 2017, 28, 541-549.	5.9	28
67	Meniscus process optimization for smooth surface fabrication in Stereolithography. <i>Additive Manufacturing</i> , 2016, 12, 321-333.	3.0	27
68	Metallic part fabrication using selective inhibition sintering (SIS). <i>Rapid Prototyping Journal</i> , 2012, 18, 144-153.	3.2	25
69	Direct Geometry Processing for Telefabrication. <i>Journal of Computing and Information Science in Engineering</i> , 2013, 13, .	2.7	25
70	Mask Image Planning for Deformation Control in Projection-Based Stereolithography Process. <i>Journal of Manufacturing Science and Engineering, Transactions of the ASME</i> , 2015, 137, .	2.2	24
71	Conformal topology optimization of multi-material ferromagnetic soft active structures using an extended level set method. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2022, 389, 114394.	6.6	24
72	Parallel and efficient Boolean on polygonal solids. <i>Visual Computer</i> , 2011, 27, 507-517.	3.5	23

#	ARTICLE	IF	CITATIONS
73	An integrated CNC accumulation system for automatic building-around-inserts. Journal of Manufacturing Processes, 2013, 15, 432-443.	5.9	23
74	Three-Dimensional Printed Piezoelectric Array for Improving Acoustic Field and Spatial Resolution in Medical Ultrasonic Imaging. Micromachines, 2019, 10, 170.	2.9	23
75	Photoacoustic and piezo-ultrasound hybrid-induced energy transfer for 3D twining wireless multifunctional implants. Energy and Environmental Science, 2021, 14, 1490-1505.	30.8	23
76	Multichannel Piezo-Ultrasound Implant with Hybrid Waterborne Acoustic Metastructure for Selective Wireless Energy Transfer at Megahertz Frequencies. Advanced Materials, 2021, 33, e2104251.	21.0	23
77	Sensitive and selective viral DNA detection assay via microbead-based rolling circle amplification. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 5871-5874.	2.2	22
78	Self-healing: A new skill unlocked for ultrasound transducer. Nano Energy, 2020, 68, 104348.	16.0	22
79	Accurately controlled sequential self-folding structures by polystyrene film. Smart Materials and Structures, 2017, 26, 085040.	3.5	21
80	Ultrasound Transducer Array Fabrication Based on Additive Manufacturing of Piezocomposites. , 2012, , .		20
81	A Reverse Compensation Framework for Shape Deformation Control in Additive Manufacturing. Journal of Computing and Information Science in Engineering, 2017, 17, .	2.7	20
82	Function-aware slicing using principal stress line for toolpath planning in additive manufacturing. Journal of Manufacturing Processes, 2021, 64, 1420-1433.	5.9	20
83	Effect of Meso-Scale Geometry on Piezoelectric Performances of Additively Manufactured Flexible Polymer-Pb(Zr <sub>x</sub> Ti <sub>1-x</sub> )O <sub>3</sub> Composites. Advanced Engineering Materials, 2017, 19, 1600803.	3.5	19
84	Multifocal point beam forming by a single ultrasonic transducer with 3D printed holograms. Applied Physics Letters, 2018, 113, .	3.3	19
85	Biomolecular Nanopatterning by Magnetic Electric Lithography. Angewandte Chemie - International Edition, 2009, 48, 952-955.	13.8	18
86	Fluid assisted assembly of one-dimensional nanoparticle array inside inorganic nanotubes. Journal of Materials Chemistry, 2009, 19, 921-923.	6.7	18
87	Smooth Surface Fabrication Based on Controlled Meniscus and Cure Depth in Microstereolithography. Journal of Micro and Nano-Manufacturing, 2015, 3, .	0.7	18
88	LISA: Linear immersed sweeping accumulation. Journal of Manufacturing Processes, 2016, 24, 406-415.	5.9	18
89	Mass Customization: Reuse of Digital Slicing for Additive Manufacturing. Journal of Computing and Information Science in Engineering, 2017, 17, .	2.7	18
90	Healable, memorizable, and transformable lattice structures made of stiff polymers. NPG Asia Materials, 2020, 12, .	7.9	18

#	ARTICLE	IF	CITATIONS
91	3D Printing of Nacre-Inspired Structures with Exceptional Mechanical and Flame-Retardant Properties. Research, 2022, 2022, 9840574.	5.7	18
92	The rapid tooling testbed: a distributed design-for-manufacturing system. Rapid Prototyping Journal, 2003, 9, 122-132.	3.2	17
93	Fabrication of a 3D Nanoscale Crossbar Circuit by Nanotransfer Printing Lithography. Small, 2010, 6, 1663-1668.	10.0	17
94	Fast Mask Image Projection-Based Micro-Stereolithography Process for Complex Geometry. Journal of Micro and Nano-Manufacturing, 2017, 5, .	0.7	17
95	A Vibration-Assisted Separation Method for Constrained-Surface-Based Stereolithography. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2021, 143, .	2.2	17
96	Multi-material stereolithography using curing-on-demand printheads. Rapid Prototyping Journal, 2021, 27, 861-871.	3.2	16
97	Dopant-configurable polymeric materials for electrically switchable devices. Journal of Materials Chemistry, 2006, 16, 4160.	6.7	15
98	Regulating complex geometries using layered depth-normal images for rapid prototyping and manufacturing. Rapid Prototyping Journal, 2013, 19, 253-268.	3.2	15
99	Mesenchymal Stem Cells and Three-Dimensional-Osteoconductive Scaffold Regenerate Calvarial Bone in Critical Size Defects in Swine. Stem Cells Translational Medicine, 2021, 10, 1170-1183.	3.3	15
100	Recent progress in 3D printing piezoelectric materials for biomedical applications. Journal Physics D: Applied Physics, 2022, 55, 013002.	2.8	15
101	Doping Modulated Carbon Nanotube Synapstors for a Spike Neuromorphic Module. Small, 2015, 11, 1571-1579.	10.0	14
102	Rope caging and grasping. , 2016, , .		14
103	Four-Dimensional Printing: Design and Fabrication of Smooth Curved Surface Using Controlled Self-Folding. Journal of Mechanical Design, Transactions of the ASME, 2017, 139, .	2.9	14
104	Digital Material Design Using Tensor-Based Error Diffusion for Additive Manufacturing. CAD Computer Aided Design, 2019, 114, 224-235.	2.7	14
105	An accurate sampling-based method for approximating geometry. CAD Computer Aided Design, 2007, 39, 975-986.	2.7	13
106	Mycobacterium tuberculosis detection via rolling circle amplification. Analytical Methods, 2011, 3, 267-273.	2.7	13
107	Photocuring Temperature Study for Curl Distortion Control in Projection-Based Stereolithography. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2017, 139, .	2.2	13
108	Configurable Neural Phase Shifter With Spike-Timing-Dependent Plasticity. IEEE Electron Device Letters, 2010, 31, 716-718.	3.9	12

#	ARTICLE	IF	CITATIONS
109	Joint Design for 3-D Printing Non-Assembly Mechanisms. , 2012, , .		12
110	Multiscale Stereolithography Using Shaped Beams. Journal of Micro and Nano-Manufacturing, 2017, 5, .	0.7	12
111	Reusable support for additive manufacturing. Additive Manufacturing, 2021, 39, 101840.	3.0	12
112	Vat-Photopolymerization-Based Ceramic Manufacturing. Journal of Materials Engineering and Performance, 2021, 30, 4819-4836.	2.5	12
113	Additive manufacturing of complex-shaped and high-performance aluminum nitride-based components for thermal management. Additive Manufacturing, 2022, 52, 102671.	3.0	12
114	Three-dimensional circuit fabrication using four-dimensional printing and direct ink writing. , 2016, , .		11
115	Rapid Manufacturing in Minutes: The Development of a Mask Projection Stereolithography Process for High-Speed Fabrication. , 2012, , .		10
116	GDFE: Geometry-Driven Finite Element for Four-Dimensional Printing. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2017, 139, .	2.2	10
117	Rapid chemically selective 3D imaging in the mid-infrared. Optica, 2021, 8, 995.	9.3	10
118	Modeling and Fabrication of Heterogeneous Three-Dimensional Objects Based on Additive Manufacturing. , 2013, , .		9
119	Biomolecular Nanopatterning by Electrophoretic Printing Lithography. Small, 2009, 5, 63-66.	10.0	8
120	Nanoimprint lithography enables memristor crossbars and hybrid circuits. Applied Physics A: Materials Science and Processing, 2015, 121, 467-479.	2.3	8
121	Fabrication of flexible microheater with tunable heating capabilities by direct laser writing and selective electrodeposition. Journal of Manufacturing Processes, 2022, 74, 88-99.	5.9	8
122	Spatiotemporal Projection-Based Additive Manufacturing: A Data-Driven Image Planning Method for Subpixel Shifting in a Split Second. Advanced Intelligent Systems, 2021, 3, 2100079.	6.1	7
123	Design of Flexible Skin for Target Displacements Based on Meso-Structures. , 2009, , .		6
124	A Carbon Nanotube Synapse with Dynamic Logic and Learning (Adv. Mater. 12/2013). Advanced Materials, 2013, 25, 1692-1692.	21.0	6
125	Small molecular fluorescence dyes for immuno cell analysis. Analytical Biochemistry, 2021, 614, 114063.	2.4	6
126	Hybrid-Light-Source Stereolithography for Fabricating Macro-Objects With Micro-Textures. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2022, 144, .	2.2	6



#	ARTICLE	IF	CITATIONS
127	Robust and Accurate Boolean Operations on Polygonal Models. , 2007, , .		5
128	A Digital Material Design Framework for 3D-Printed Heterogeneous Objects. , 2016, , .		5
129	A numerically controlled shape memory alloy wire bending process using vat photopolymerization. Journal of Manufacturing Processes, 2020, 56, 1322-1330.	5.9	5
130	Contouring of Structured Points With Small Features. , 2010, , .		4
131	Functionalized Carbon Nanotube Networks with Field-Tunable Bandgaps. Advanced Materials, 2011, 23, 3075-3079.	21.0	4
132	GPU-Based Super-union for Minkowski Sum. Computer-Aided Design and Applications, 2013, 10, 475-487.	0.6	4
133	Stereolithography with variable resolutions using optical filter with high-contrast gratings. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2015, 33, 06F604.	1.2	4
134	4D Printing: Design and Fabrication of 3D Shell Structures With Curved Surfaces Using Controlled Self-Folding. , 2015, , .		4
135	Approximate Functionally Graded Materials for Multi-Material Additive Manufacturing. , 2018, , .		4
136	Bone-inspired healing of 3D-printed porous ceramics. Materials Horizons, 2020, 7, 2130-2140.	12.2	4
137	Self-Programming Synaptic Resistor Circuit for Intelligent Systems. Advanced Intelligent Systems, 2021, 3, 2100016.	6.1	4
138	Development of a Pilot Manufacturing Cyberinfrastructure With an Information Rich Mechanical CAD 3D Model Repository. , 2019, , .		4
139	A resist for electric imprint lithography. Microelectronic Engineering, 2009, 86, 392-396.	2.4	3
140	Additive Manufacturing Based on Multiple Calibrated Projectors and Its Mask Image Planning. , 2010, , .		3
141	Fully integrated CMOS nano-particle assembly circuit for biological detections. Analog Integrated Circuits and Signal Processing, 2010, 62, 69-75.	1.4	3
142	Design of Origami Sheets for Foldable Object Fabrication. , 2012, , .		3
143	An Origami Inspired Additive Manufacturing Process for Building Thin-Shell Structures. , 2013, , .		3
144	Origami-Based Self-Folding Structure Fabrication Based on 3D Printing on Polystyrene Films. , 2014, , .		3

#	ARTICLE	IF	CITATIONS
145	Deformation Control Based on In-Situ Sensors for Mask Projection Based Stereolithography. , 2014, , .		3
146	Bioinspired neuromorphic module based on carbon nanotube/C60/polymer composite. Journal of Composite Materials, 2015, 49, 1809-1822.	2.4	3
147	Direct Geometry Processing for Tele-Fabrication. , 2012, , .		3
148	Brain-Inspired Synaptic Resistor Circuits for Self-Programming Intelligent Systems. Advanced Intelligent Systems, 2021, 3, 2000219.	6.1	3
149	An Investigation of Integrated Multiscale Three-Dimensional Printing for Hierarchical Structures Fabrication. Journal of Micro and Nano-Manufacturing, 2021, 9, .	0.7	3
150	Electrically curable double-layer polymer resist for dynamic nanoscale lithography. Soft Matter, 2008, 4, 1178.	2.7	2
151	A rapid shape acquisition method by integrating user touching input. Virtual and Physical Prototyping, 2011, 6, 133-147.	10.4	2
152	Self-Intersection Free and Topologically Faithful Slicing of Implicit Solid. , 2011, , .		2
153	Mask Image Planning for Deformation Control in Projection-Based Stereolithography Process. , 2012, , .		2
154	A Reverse Compensation Framework for Shape Deformation in Additive Manufacturing. , 2016, , .		2
155	Mass Customization: Reuse of Digital Slicing for Additive Manufacturing. , 2016, , .		2
156	Geometric Analysis and Computation Using Layered Depth-Normal Images for Three-Dimensional Microfabrication. , 2016, , 119-147.		2
157	Mask Video Projection Based Stereolithography With Continuous Resin Flow to Build Digital Models in Minutes. , 2018, , .		2
158	Photocuring-while-writing: A 3D printing strategy to build free space structure and freeform surface texture. Manufacturing Letters, 2021, 29, 113-116.	2.2	2
159	Cover Picture: Biomolecular Nanopatterning by Magnetic Electric Lithography (Angew. Chem. Int. Ed.) Tj ETQq1 1 0,784314 rgBT /Overl	13.8	1
160	Curing Temperature Study for Curl Distortion Control and Simulation in Projection Based Stereolithography. , 2014, , .		1
161	Multi-Scale Stereolithography Using Shaped Beams. , 2017, , .		1
162	Piezoelectric array for transducer application using additive manufacturing. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
163	A fully integrated CMOS bio-chip aiming at selective assembly of charged nano-particles. , 2008, , .		0
164	Titelbild: Biomolecular Nanopatterning by Magnetic Electric Lithography (Angew. Chem. 5/2009). Angewandte Chemie, 2009, 121, 843-843.	2.0	0
165	Five-Axis Manufacturing Simulation Based on Normal Arc Mapping and Offset Volume Computation. , 2010, , .		0
166	Nanocircuits: Fabrication of a 3D Nanoscale Crossbar Circuit by Nanotransfer-Printing Lithography (Small 15/2010). Small, 2010, 6, n/a-n/a.	10.0	0
167	Fabrication of Conformal Ultrasound Transducer Arrays and Horns Based on Multi-Axis CNC Accumulation. , 2011, , .		0
168	Multi-piece mould design based on a mixed-integer programming method. International Journal of Computer Integrated Manufacturing, 2013, 26, 939-954.	4.6	0
169	Measurement-Based Adaptive Machining by Direct Spatial Deformation of Template CAM Data. , 2017, , .		0
170	Multi-scale manufacture for bio-inspired structure enabled by variable voxel stereolithography. , 2017, , .		0
171	Direct Droplet Writing â€™ A Novel Droplet-punching Capillary-splitting 3D Printing Method for Highly Viscous Materials. Procedia Manufacturing, 2021, 53, 472-483.	1.9	0