

Martin B G Jun

List of Publications by Year in descending order

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153
papers

3,571
citations

159585
30
h-index

161849
54
g-index

156
all docs

156
docs citations

156
times ranked

3435
citing authors

#	ARTICLE	IF	CITATIONS
1	A review on optical fiber sensors for environmental monitoring. International Journal of Precision Engineering and Manufacturing - Green Technology, 2018, 5, 173-191.	4.9	257
2	Modeling of dynamic micro-milling cutting forces. International Journal of Machine Tools and Manufacture, 2009, 49, 586-598.	13.4	211
3	Modeling of minimum uncut chip thickness in micro machining of aluminum. Journal of Materials Processing Technology, 2012, 212, 553-559.	6.3	202
4	Tool wear monitoring of micro-milling operations. Journal of Materials Processing Technology, 2009, 209, 4903-4914.	6.3	182
5	Investigation of the Dynamics of Microend Milling—Part I: Model Development. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2006, 128, 893-900.	2.2	114
6	Predictive Maintenance of Machine Tool Systems Using Artificial Intelligence Techniques Applied to Machine Condition Data. Procedia CIRP, 2019, 80, 506-511.	1.9	110
7	Colorizing stainless steel surface by femtosecond laser induced micro/nano-structures. Applied Surface Science, 2011, 257, 7771-7777.	6.1	105
8	One-step fabrication of superhydrophobic hierarchical structures by femtosecond laser ablation. Applied Surface Science, 2014, 313, 411-417.	6.1	104
9	Significant improvement in visible light photocatalytic activity of Fe doped TiO ₂ using an acid treatment process. Applied Surface Science, 2018, 427, 791-799.	6.1	103
10	Investigation of the Dynamics of Microend Milling—Part II: Model Validation and Interpretation. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2006, 128, 901-912.	2.2	84
11	An Experimental Evaluation of an Atomization-Based Cutting Fluid Application System for Micromachining. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2008, 130, .	2.2	81
12	Tapered Fiber-Optic Mach-Zehnder Interferometer for Ultra-High Sensitivity Measurement of Refractive Index. Sensors, 2019, 19, 1652.	3.8	81
13	A fast tool servo design for precision turning of shafts on conventional CNC lathes. International Journal of Machine Tools and Manufacture, 2001, 41, 953-965.	13.4	71
14	Evaluation of a spindle-based force sensor for monitoring and fault diagnosis of machining operations. International Journal of Machine Tools and Manufacture, 2002, 42, 741-751.	13.4	70
15	Fabrication of poly (μ -caprolactone) microfiber scaffolds with varying topography and mechanical properties for stem cell-based tissue engineering applications. Journal of Biomaterials Science, Polymer Edition, 2014, 25, 1-17.	3.5	68
16	Facile fabrication of flexible glutamate biosensor using direct writing of platinum nanoparticle-based nanocomposite ink. Biosensors and Bioelectronics, 2019, 131, 257-266.	10.1	66
17	Design and fabrication of auxetic PCL nanofiber membranes for biomedical applications. Materials Science and Engineering C, 2017, 81, 334-340.	7.3	64
18	Electrospun biomaterial scaffolds with varied topographies for neuronal differentiation of human-induced pluripotent stem cells. Journal of Biomedical Materials Research - Part A, 2015, 103, 2591-2601.	4.0	61

#	ARTICLE	IF	CITATIONS
19	Ultrafast Laser Applications in Manufacturing Processes: A State-of-the-Art Review. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2020, 142, .	2.2	61
20	Use of vegetable oil in water emulsion achieved through ultrasonic atomization as cutting fluids in micro-milling. Journal of Manufacturing Processes, 2014, 16, 405-413.	5.9	55
21	A New Mechanistic Approach for Micro End Milling Force Modeling. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2012, 134, .	2.2	54
22	A model for thread milling cutting forces. International Journal of Machine Tools and Manufacture, 2006, 46, 2057-2065.	13.4	48
23	Design and fabrication of auxetic stretchable force sensor for hand rehabilitation. Smart Materials and Structures, 2015, 24, 075027.	3.5	46
24	Fuzzy PWM-PID control of cocontracting antagonistic shape memory alloy muscle pairs in an artificial finger. Mechatronics, 2011, 21, 1190-1202.	3.3	44
25	Biomaterial Strategies for Delivering Stem Cells as a Treatment for Spinal Cord Injury. Cells Tissues Organs, 2016, 202, 42-51.	2.3	39
26	Cutting Mechanisms and Their Influence on Dynamic Forces, Vibrations and Stability in Micro-Endmilling. , 2004, , 583.		38
27	Atomic force microscope probe-based nanometric scribing. Journal of Micromechanics and Microengineering, 2010, 20, 115016.	2.6	33
28	Bragg Grating Embedded in Mach-Zehnder Interferometer for Refractive Index and Temperature Sensing. IEEE Photonics Technology Letters, 2016, 28, 1968-1971.	2.5	33
29	Near-field modification of femtosecond laser beam to enhance single-shot pulse filamentation in glass medium. Applied Physics A: Materials Science and Processing, 2014, 114, 1161-1165.	2.3	31
30	Development of a glial cell-derived neurotrophic factor-releasing artificial dura for neural tissue engineering applications. Journal of Materials Chemistry B, 2015, 3, 7974-7985.	5.8	31
31	Measurement Methods for Solubility and Diffusivity of Gases and Supercritical Fluids in Polymers and Its Applications. Polymer Reviews, 2017, 57, 695-747.	10.9	31
32	Acid-treated Fe-doped TiO2 as a high performance photocatalyst used for degradation of phenol under visible light irradiation. Journal of Environmental Sciences, 2019, 83, 183-194.	6.1	30
33	Polarization effect on hole evolution and periodic microstructures in femtosecond laser drilling of thermal barrier coated superalloys. Applied Surface Science, 2021, 537, 148001.	6.1	30
34	Understanding the effects of the system parameters of an ultrasonic cutting fluid application system for micro-machining. Journal of Manufacturing Processes, 2010, 12, 92-98.	5.9	29
35	A cost-effective method to create physically and thermally stable and storable super-hydrophobic aluminum alloy surfaces. Surface and Coatings Technology, 2016, 285, 227-234.	4.8	29
36	Fabrication and Characterization of Nonwoven Auxetic Polymer Stent. Polymer-Plastics Technology and Engineering, 2015, 54, 1553-1559.	1.9	27

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37	Miniaturized Tapered Photonic Crystal Fiber Mach-Zehnder Interferometer for Enhanced Refractive Index Sensing. IEEE Sensors Journal, 2016, 16, 8761-8766.	4.7	27
38	Characterization of refractive index change and fabrication of long period gratings in pure silica fiber by femtosecond laser radiation. Optics and Laser Technology, 2015, 74, 119-124.	4.6	24
39	The effects of process faults and misalignments on the cutting force system and hole quality in reaming. International Journal of Machine Tools and Manufacture, 2006, 46, 1281-1290.	13.4	23
40	Hollow-Core Photonic Crystal Fiber Mach-Zehnder Interferometer for Gas Sensing. Sensors, 2020, 20, 2807.	3.8	23
41	An Acoustic Emission-Based Method for Determining Contact Between a Tool and Workpiece at the Microscale. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2008, 130, .	2.2	20
42	Deep Learning Based Approach for Identifying Conventional Machining Processes from CAD Data. Procedia Manufacturing, 2020, 48, 915-925.	1.9	19
43	Thrust Force-Based Tool Wear Estimation Using Discrete Wavelet Transformation and Artificial Neural Network in CFRP Drilling. International Journal of Precision Engineering and Manufacturing, 2021, 22, 1527-1536.	2.2	19
44	Combining melt electrospinning and particulate leaching for fabrication of porous microfibers. Manufacturing Letters, 2015, 3, 5-8.	2.2	18
45	Micro/Meso-Scale Mechanical Machining 2020: A Two-Decade State-of-the-Field Review. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2020, 142, .	2.2	18
46	Estimation of effective error parameters in high-speed micro-endmilling. International Journal of Machine Tools and Manufacture, 2007, 47, 1449-1454.	13.4	17
47	Development of Bioactive Packaging Structure Using Melt Electrospinning. Journal of Polymers and the Environment, 2015, 23, 416-423.	5.0	17
48	Fabrication of a Screw-Shaped Long-Period Fiber Grating for Refractive Index Sensing. IEEE Photonics Technology Letters, 2017, 29, 2242-2245.	2.5	17
49	Modeling of the Thread Milling Operation in a Combined Thread/Drilling Operation: Thrilling. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2010, 132, .	2.2	16
50	Monitoring of Carbon Dioxide Using Hollow-Core Photonic Crystal Fiber Mach-Zehnder Interferometer. Sensors, 2019, 19, 3357.	3.8	16
51	Measurement of In-Fiber Refractive Index Change Using a Mach-Zehnder Interferometer. IEEE Photonics Technology Letters, 2019, 31, 74-77.	2.5	16
52	Identifying manufacturability and machining processes using deep 3D convolutional networks. Journal of Manufacturing Processes, 2021, 64, 1336-1348.	5.9	15
53	Development of robotic bin picking platform with cluttered objects using human guidance and convolutional neural network (CNN). Journal of Manufacturing Systems, 2022, 63, 539-549.	13.9	15
54	Establishing a Cold Spray Particle Deposition Window on Polymer Substrate. Journal of Thermal Spray Technology, 2021, 30, 1069-1080.	3.1	14

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55	Wettability modification of cyclic olefin copolymer surface and microchannel using micromilling process. Journal of Manufacturing Processes, 2019, 37, 168-176.	5.9	13
56	The influence of Bi ₂ O ₃ glass powder in the silver paste and the impact on silicon solar cell substrates. Materials and Design, 2021, 200, 109453.	7.0	13
57	Multifunctional Electrospun Scaffolds for Promoting Neuronal Differentiation of Induced Pluripotent Stem Cells. Journal of Biomaterials and Tissue Engineering, 2014, 4, 906-914.	0.1	13
58	Autoencoder-based anomaly detection of industrial robot arm using stethoscope based internal sound sensor. Journal of Intelligent Manufacturing, 2023, 34, 1427-1444.	7.3	13
59	Micromechanical machining of soda lime glass. International Journal of Advanced Manufacturing Technology, 2013, 67, 1139-1150.	3.0	12
60	Characterization and Micromilling of Flow Induced Aligned Carbon Nanotube Nanocomposites. Journal of Micro and Nano-Manufacturing, 2013, 1, .	0.7	12
61	Design and application of nanoparticle coating system with decoupled spray generation and deposition control. Journal of Coatings Technology Research, 2016, 13, 769-779.	2.5	12
62	Fabricating and controlling PCL electrospun microfibers using filament feeding melt electrospinning technique. Journal of Micromechanics and Microengineering, 2017, 27, 025007.	2.6	12
63	Effects of atomization-based cutting fluid sprays in milling of carbon fiber reinforced polymer composite. Journal of Manufacturing Processes, 2017, 30, 133-140.	5.9	12
64	Development of internal sound sensor using stethoscope and its applications for machine monitoring. Procedia Manufacturing, 2020, 48, 1072-1078.	1.9	12
65	Immersive and interactive cyber-physical system (I2CPS) and virtual reality interface for human involved robotic manufacturing. Journal of Manufacturing Systems, 2022, 62, 234-248.	13.9	12
66	A Programmable Dual-Regime Spray for Large-Scale and Custom-Designed Electronic Textiles. Advanced Materials, 2022, 34, e2108021.	21.0	12
67	Micro-scale hole profile measurement using rotating wire probe and acoustic emission contact detection. Measurement: Journal of the International Measurement Confederation, 2016, 89, 215-222.	5.0	11
68	Microfiber Bragg Grating Sandwiched Between Standard Optical Fibers for Enhanced Temperature Sensing. IEEE Photonics Technology Letters, 2016, 28, 685-688.	2.5	11
69	Cryogenic machining of PDMS fluidic channel using shrinkage compensation and surface roughness control. International Journal of Precision Engineering and Manufacturing, 2017, 18, 1711-1717.	2.2	11
70	Temperature insensitive fiber optical refractive index probe with large dynamic range at 1,550 nm. Sensors and Actuators A: Physical, 2020, 312, 112102.	4.1	11
71	Probing system for measurement of micro-scale components. Journal of Manufacturing Processes, 2012, 14, 174-180.	5.9	10
72	Feasibility of lignin as additive in metalworking fluids for micro-milling. Journal of Manufacturing Processes, 2014, 16, 503-510.	5.9	10

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73	STEP-NC feature-oriented high-efficient CNC machining simulation. International Journal of Advanced Manufacturing Technology, 2020, 106, 2363-2375.	3.0	10
74	A study on droplets dispersion and deposition characteristics under supersonic spray flow for nanomaterial coating applications. Surface and Coatings Technology, 2021, 426, 127788.	4.8	10
75	Characterizing the Mechanical Performance of a Bare-Metal Stent with an Auxetic Cell Geometry. Applied Sciences (Switzerland), 2022, 12, 910.	2.5	10
76	A Submicron Multiaxis Positioning Stage for Micro- and Nanoscale Manufacturing Processes. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2008, 130, .	2.2	9
77	Fiber refractometer to detect and distinguish carbon dioxide and methane leakage in the deep ocean. International Journal of Greenhouse Gas Control, 2014, 31, 41-47.	4.6	9
78	Experimental Investigation on Dry Routing of CFRP Composite: Temperature, Forces, Tool Wear, and Fine Dust Emission. Materials, 2021, 14, 5697.	2.9	9
79	A Review of State of the Art of Electron Beam and Ion Beam Machining. Journal of the Korean Society for Precision Engineering, 2018, 35, 241-252.	0.2	9
80	Ductile mode electrochemical oxidation assisted micromachining for glassy carbon. Journal of Micromechanics and Microengineering, 2015, 25, 045021.	2.6	8
81	The effect of nozzle-exit-channel shape on resultant fiber diameter in melt-electrospinning. Materials Research Express, 2017, 4, 015302.	1.6	8
82	Mixed jet of independently atomized water and oil sprays as cutting fluids in micro-milling. Manufacturing Letters, 2013, 1, 13-16.	2.2	7
83	Filament-Based Fabrication and Performance Analysis of Fiber Bragg Grating Sensors Using Ultrashort Pulse Laser. Journal of Micro and Nano-Manufacturing, 2014, 2, .	0.7	7
84	THz Field Enhancement by Antenna Coupling to a Tapered Thick Slot Waveguide. Journal of Lightwave Technology, 2014, 32, 3676-3682.	4.6	7
85	Mathematical model for predicting topographical properties of poly (ϵ -caprolactone) melt electrospun scaffolds including the effects of temperature and linear transitional speed. Journal of Micromechanics and Microengineering, 2015, 25, 045018.	2.6	7
86	Chip volume and cutting force calculations in 5-axis CNC machining of free-form surfaces using flat-end mills. International Journal of Advanced Manufacturing Technology, 2017, 90, 1145-1154.	3.0	7
87	Detection and quantification of underground CO2 leakage into the soil using a fiber-optic sensor. Optical Fiber Technology, 2020, 60, 102375.	2.7	7
88	Selective metallization on glass surface by laser direct writing combined with supersonic particle deposition. Manufacturing Letters, 2022, 31, 64-68.	2.2	7
89	High precision in-situ monitoring of electrochemical machining process using an optical fiber Fabry-Pérot interferometer sensor. Journal of Manufacturing Processes, 2021, 68, 180-188.	5.9	7
90	Investigation of Micro Scratching and Machining of Glass. , 2009, , .		6

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91	Formation mechanism of self-organized nano-ripples on quartz surface using femtosecond laser pulses. Optik, 2015, 126, 5979-5983.	2.9	6
92	Dimensional measurement based on rotating wire probe and acoustic emission. Measurement: Journal of the International Measurement Confederation, 2015, 59, 329-336.	5.0	6
93	The possibility of multi-layer nanofabrication via atomic force microscope-based pulse electrochemical nanopatterning. Nanotechnology, 2017, 28, 195302.	2.6	6
94	Uniform silver nanoparticles coating using dual regime spray deposition system for superhydrophilic and antifogging applications. Journal of Coatings Technology Research, 2017, 14, 347-354.	2.5	6
95	Performance of Volcano-Like Laser Textured Cutting Tools: An Experimental and Simulative Investigation. Lubricants, 2018, 6, 98.	2.9	6
96	Development of Silver-Based Bactericidal Composite Nanofibers by Airbrushing. Journal of Nanoscience and Nanotechnology, 2018, 18, 2951-2955.	0.9	6
97	From macro to micro, evolution of surface structures on cutting tools: a review. JMST Advances, 2019, 1, 89-106.	1.9	6
98	Improved Dixel Representation: A 3-D CNN Geometry Descriptor for Manufacturing CAD. IEEE Transactions on Industrial Informatics, 2022, 18, 5882-5892.	11.3	6
99	Manufacturing and characterization of encapsulated microfibers with different molecular weight poly(ϵ -caprolactone) (PCL) resins using a melt electrospinning technique. Materials Research Express, 2016, 3, 025301.	1.6	5
100	Material interface detection based on secondary electron images for focused ion beam machining. Ultramicroscopy, 2018, 184, 37-43.	1.9	5
101	Performance of Cemented Carbide Cutting Tools With Volcano-Like Texture on Rake Face. , 2018, , .		5
102	In-Situ Monitoring of Solidification Process of PVA Solution by Fiber Optic Sensor Technique. IEEE Sensors Journal, 2021, 21, 6170-6178.	4.7	5
103	Milling Performance of CFRP Composite and Atomised Vegetable Oil as a Function of Fiber Orientation. Materials, 2021, 14, 2062.	2.9	5
104	Removal of recast layer in the laser drilled film cooling holes by a two-step inner streaming electrochemical technique. Journal of Micromechanics and Microengineering, 2021, 31, 075006.	2.6	5
105	Transverse impact by RCCs on S-glass and Kevlar® FRC strips. Composites Part A: Applied Science and Manufacturing, 2021, 146, 106425.	7.6	5
106	Dual Regime Spray Deposition Based Laser Direct Writing of Metal Patterns on Polymer Substrates. Journal of Micro and Nano-Manufacturing, 2020, 8, .	0.7	5
107	Femtosecond laser based in-fiber long period grating fabrication for improved solution sensing. , 2013, , .		4
108	Tapered photonic crystal fiber based Mach-Zehnder interferometer for enhanced refractive index sensing. , 2015, , .		4

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109	Numerical simulation of chip ploughing volume in micro ball-end mill machining. International Journal of Precision Engineering and Manufacturing, 2017, 18, 915-922.	2.2	4
110	Machining sound analysis for the effects of fiber bending on cutting mechanisms during carbon fiber reinforced plastic composite milling. Composites Part B: Engineering, 2022, 241, 110019.	12.0	4
111	Modeling and Analysis of the Thread Milling Operation in the Combined Drilling/Thread Milling Process. , 2008, , .		3
112	Numerical Simulation of Chip Ploughing Volume and Forces in 5-axis CNC Micro-milling Using Flat-end Mills. Procedia Manufacturing, 2016, 5, 348-361.	1.9	3
113	Optimal tool orientation generation and chip volume/cutting force predictions for 5-axis CNC machining of curved surfaces using flat-end mills. Computer-Aided Design and Applications, 2017, 14, 331-342.	0.6	3
114	Fabrication of Thermochromic Membrane and Its Characteristics for Fever Detection. Materials, 2021, 14, 3460.	2.9	3
115	A New Mechanistic Approach for Micro End Milling Force Modeling. , 2010, , .		2
116	Characterization of femtosecond laser filament-fringes in titanium. Proceedings of SPIE, 2013, , .	0.8	2
117	Swelling Behavior of Hydrogels within Auxetic Polytetrafluoroethylene Jacket. Polymer-Plastics Technology and Engineering, 2015, 54, 1787-1793.	1.9	2
118	Effects of coating material on the fabrication accuracy of focused ion beam machining of insulators. Japanese Journal of Applied Physics, 2015, 54, 096602.	1.5	2
119	A Comparative Study of the Antibacterial Activity of Rosemary Extract Blended with Polymeric Biomaterials. Journal of Bionanoscience, 2016, 10, 326-330.	0.4	2
120	Flame-Assisted Spray Pyrolysis Using an Annular Flame Nozzle with Decoupled Velocity Control. Journal of Manufacturing and Materials Processing, 2018, 2, 75.	2.2	2
121	Experimental comparison of the effect of the structure on MZI fiber gas sensor performance. , 2019, , .		2
122	Fabrication of Optical Fiber Sensors Based on Femtosecond Laser Micro Machining. Journal of Micro and Nano-Manufacturing, 2020, 8, .	0.7	2
123	Fabrication of Electrically Conductive Patterns on ABS Polymer Using Low-Pressure Cold Spray and Electroless Plating. , 2020, , .		2
124	3-Axis Milling Algorithm Development for Carbon Fiber Reinforced Polymer (CFRP) Composites. Journal of the Korean Society for Precision Engineering, 2016, 33, 447-452.	0.2	2
125	Ultrafast Laser Applications in Manufacturing Processes: A State of the Art Review. , 2019, , .		2
126	Fabrication of Electrically Conductive Patterns on Acrylonitrile-Butadiene-Styrene Polymer Using Low-Pressure Cold Spray and Electroless Plating. Journal of Micro and Nano-Manufacturing, 2020, 8, .	0.7	2

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127	Comparative Analysis and Monitoring of Tool Wear in Carbon Fiber Reinforced Plastics Drilling. Journal of the Korean Society for Precision Engineering, 2020, 37, 813-818.	0.2	2
128	Towards high throughput tissue engineering: development of chitosan-calcium phosphate scaffolds for engineering bone tissue from embryonic stem cells. American Journal of Stem Cells, 2012, 1, 81-9.	0.4	2
129	Human Expertise Inspired Smart Sensing and Manufacturing. , 2021, , .		2
130	Effect of fiber bending induced matrix shear behavior on machined surface quality in carbon fiber reinforced plastic milling. Composite Structures, 2022, 287, 115343.	5.8	2
131	Numerical Approach to Modeling and Characterization of Refractive Index Changes for a Long-Period Fiber Grating Fabricated by Femtosecond Laser. Materials, 2016, 9, 941.	2.9	1
132	Micro Flat End Milling Simulation Model With Instantaneous Plowing Area Prediction. Journal of Micro and Nano-Manufacturing, 2016, 4, .	0.7	1
133	Multiple Sound Sensors And Fusion In Modern CNN-Based Machine State Prediction. , 2021, , .		1
134	Effect of Au-Coating on the Laser Spot Cutting on Spring Contact Probe (SCP) for Semi-Conductor Inspection. Materials, 2021, 14, 3300.	2.9	1
135	Modeling of a sampled apodized fiber Bragg grating moisture sensor. Optical Fiber Technology, 2021, 65, 102630.	2.7	1
136	Performance Evaluation of Atomization-Based Uniform Spray Coating for 3D Scanning. Journal of the Korean Society for Precision Engineering, 2017, 34, 689-693.	0.2	1
137	Mach-Zehnder Interferometer using Small Diameter Single Mode Fiber for Refractive Index Sensing. , 2014, , .		1
138	Long period grating inscribed by femtosecond laser for refractive index measurements in aqueous environments. , 2012, , .		0
139	Elastin-Sprayed Tubular Scaffolds With Microstructures and Nanotextures for Vascular Tissue Engineering. , 2013, , .		0
140	Computer-Aided Manufacturing (CAM) Software Development for Laser Machining. , 2013, , .		0
141	Special issue on environmentally conscious technologies in mechanical engineering. Advances in Mechanical Engineering, 2015, 7, 168781401558542.	1.6	0
142	Bowtie-shaped hole array for fiber-optic refractive index sensing in telecom-wavelengths. , 2015, , .		0
143	Bragg grating fabrication in microfiber by femtosecond pulse filamentation induced periodic refractive index modification. , 2015, , .		0
144	Interferometric measurement of refractive index modification in a single mode microfiber. , 2017, , .		0

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145	Development and Evaluation of Flame-Assisted Dual Velocity Nanoparticle Coating System. Journal of Micro and Nano-Manufacturing, 2017, 5, .	0.7	0
146	Characterization of Long Period Grating With a Screw Shape Fabricated by a Single-Path Scanning of Femtosecond Laser. , 2018, , .		0
147	Special Section on Recent Advancements in Micro- and Nano-Manufacturing From the WCMNM2018"Part 1. Journal of Micro and Nano-Manufacturing, 2019, 7, .	0.7	0
148	Fabrication of Thick Microfiber Mats Using Melt-Electrospinning. Journal of the Korean Society for Precision Engineering, 2021, 38, 529-535.	0.2	0
149	Micro-Scale Fiber Cutting Geometry Predictions During Milling of Carbon Fiber Reinforced Polymers (CFRP) Composites. , 2019, , .		0
150	Fabrication of Optical Fiber Sensors Based on Femtosecond Laser Micro Machining. , 2020, , .		0
151	Simulation and Characterization of Cold Spray Deposition of Metal Powders on Polymer Substrate Electrically Conductive Application. , 2020, , .		0
152	Numerical Investigation of Various Coaxial Nozzle Designs for Direct Laser Deposition. , 2020, , .		0
153	A Programmable Dual-Regime Spray for Large-Scale and Custom-Designed Electronic Textiles (Adv. Mater.) Tj	FTQq1 1 0.784314 21.6	0