

# Mangirdas Malinauskas

## List of Publications by Year in descending order

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188  
papers

5,576  
citations

76294

40  
h-index

85498

71  
g-index

204  
all docs

204  
docs citations

204  
times ranked

4245  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrafast laser processing of materials: from science to industry. <i>Light: Science and Applications</i> , 2016, 5, e16133-e16133.	7.7	869
2	Ultrafast laser nanostructuring of photopolymers: A decade of advances. <i>Physics Reports</i> , 2013, 533, 1-31.	10.3	364
3	Mechanisms of three-dimensional structuring of photo-polymers by tightly focussed femtosecond laser pulses. <i>Optics Express</i> , 2010, 18, 10209.	1.7	214
4	Three-dimensional laser micro- and nano-structuring of acrylated poly(ethylene glycol) materials and evaluation of their cytotoxicity for tissue engineering applications. <i>Acta Biomaterialia</i> , 2011, 7, 967-974.	4.1	212
5	Femtosecond laser polymerization of hybrid/integrated micro-optical elements and their characterization. <i>Journal of Optics (United Kingdom)</i> , 2010, 12, 124010.	1.0	143
6	Photopolymerized microscopic vortex beam generators: Precise delivery of optical orbital angular momentum. <i>Applied Physics Letters</i> , 2010, 97, .	1.5	132
7	Preclinical study of SZ2080 material 3D microstructured scaffolds for cartilage tissue engineering made by femtosecond direct laser writing lithography. <i>Biofabrication</i> , 2015, 7, 015015.	3.7	124
8	Three-dimensional micro-/nano-structuring via direct write polymerization with picosecond laser pulses. <i>Optics Express</i> , 2011, 19, 5602.	1.7	123
9	Tuning the refractive index in 3D direct laser writing lithography: towards GRIN microoptics. <i>Laser and Photonics Reviews</i> , 2015, 9, 706-712.	4.4	122
10	Mesoscale laser 3D printing. <i>Optics Express</i> , 2019, 27, 15205.	1.7	116
11	Optically Clear and Resilient Free-Form $\mu$ -Optics 3D-Printed via Ultrafast Laser Lithography. <i>Materials</i> , 2017, 10, 12.	1.3	110
12	3D Microporous Scaffolds Manufactured via Combination of Fused Filament Fabrication and Direct Laser Writing Ablation. <i>Micromachines</i> , 2014, 5, 839-858.	1.4	102
13	Additive-manufacturing of 3D glass-ceramics down to nanoscale resolution. <i>Nanoscale Horizons</i> , 2019, 4, 647-651.	4.1	97
14	Monolithic generators of pseudo-nondiffracting optical vortex beams at the microscale. <i>Applied Physics Letters</i> , 2013, 103, .	1.5	78
15	Nano-groove and 3D fabrication by controlled avalanche using femtosecond laser pulses. <i>Optical Materials Express</i> , 2013, 3, 1674.	1.6	77
16	Optical 3D printing: bridging the gaps in the mesoscale. <i>Journal of Optics (United Kingdom)</i> , 2018, 20, 053001.	1.0	75
17	Nanoscale Precision of 3D Polymerization via Polarization Control. <i>Advanced Optical Materials</i> , 2016, 4, 1209-1214.	3.6	74
18	A femtosecond laser-induced two-photon photopolymerization technique for structuring microlenses. <i>Journal of Optics (United Kingdom)</i> , 2010, 12, 035204.	1.0	73

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19	Micro-structured polymer scaffolds fabricated by direct laser writing for tissue engineering. Journal of Biomedical Optics, 2012, 17, 081405.	1.4	72
20	Photoinitiator Free Resins Composed of Plant-Derived Monomers for the Optical $\mu$ -3D Printing of Thermosets. Polymers, 2019, 11, 116.	2.0	71
21	Polymerization mechanisms initiated by spatio-temporally confined light. Nanophotonics, 2021, 10, 1211-1242.	2.9	71
22	Black silicon: substrate for laser 3D micro/nano-polymerization. Optics Express, 2013, 21, 6901.	1.7	67
23	Three-dimensional laser micro-sculpturing of silicone: towards bio-compatible scaffolds. Optics Express, 2013, 21, 17028.	1.7	65
24	Microactuation and sensing using reversible deformations of laser-written polymeric structures. Nanotechnology, 2017, 28, 124001.	1.3	63
25	3D artificial polymeric scaffolds for stem cell growth fabricated by femtosecond laser. Lithuanian Journal of Physics, 2010, 50, 75-82.	0.1	63
26	Fabrication of micro-tube arrays in photopolymer SZ2080 by using three different methods of a direct laser polymerization technique. Journal of Micromechanics and Microengineering, 2012, 22, 065022.	1.5	62
27	Flat lensing in the visible frequency range by woodpile photonic crystals. Optics Letters, 2013, 38, 2376.	1.7	60
28	Plasmon assisted 3D microstructuring of gold nanoparticle-doped polymers. Nanotechnology, 2016, 27, 154001.	1.3	52
29	Synthesis, Characterization and 3D Micro-Structuring via 2-Photon Polymerization of Poly(glycerol) Tj ETQq1 1 0.784314 rgBJ /Overlo	1.0	50
30	Closely packed hexagonal conical microlens array fabricated by direct laser photopolymerization. Applied Optics, 2012, 51, 4995.	0.9	49
31	Assessment of the morphology and dimensional accuracy of 3D printed PLA and PLA/HAp scaffolds. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 104, 103616.	1.5	49
32	Characterization of photopolymers used in laser 3D micro/nanolithography by means of laser-induced damage threshold (LIDT). Optical Materials Express, 2014, 4, 1601.	1.6	48
33	Laser 3D micro/nanofabrication of polymers for tissue engineering applications. Optics and Laser Technology, 2013, 45, 518-524.	2.2	47
34	A Bio-Based Resin for a Multi-Scale Optical 3D Printing. Scientific Reports, 2020, 10, 9758.	1.6	47
35	3D microoptical elements formed in a photostructurable germanium silicate by direct laser writing. Optics and Lasers in Engineering, 2012, 50, 1785-1788.	2.0	46
36	Organic dye doped microstructures for optically active functional devices fabricated via two-photon polymerization technique. Lithuanian Journal of Physics, 2010, 50, 55-61.	0.1	46

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37	Formation of collimated beams behind the woodpile photonic crystal. <i>Physical Review A</i> , 2011, 84, .	1.0	44
38	In vitro and in vivo biocompatibility study on laser 3D microstructurable polymers. <i>Applied Physics A: Materials Science and Processing</i> , 2012, 108, 751-759.	1.1	44
39	Spatial filtering by chirped photonic crystals. <i>Physical Review A</i> , 2013, 87, .	1.0	44
40	Effect of the photoinitiator presence and exposure conditions on laser-induced damage threshold of ORMOSIL (SZ2080). <i>Optical Materials</i> , 2015, 39, 224-231.	1.7	42
41	Femtosecond visible light induced two-photon photopolymerization for 3D micro/nanostructuring in photoresists and photopolymers. <i>Lithuanian Journal of Physics</i> , 2010, 50, 201-207.	0.1	42
42	Laser fabrication of various polymer microoptical components. <i>EPJ Applied Physics</i> , 2012, 58, 20501.	0.3	39
43	Direct laser writing of microstructures on optically opaque and reflective surfaces. <i>Optics and Lasers in Engineering</i> , 2014, 53, 90-97.	2.0	38
44	Combination of additive and subtractive laser 3D microprocessing in hybrid glass/polymer microsystems for chemical sensing applications. <i>Optics Express</i> , 2017, 25, 26280.	1.7	38
45	Laser additive manufacturing of Si/ZrO <sub>2</sub> tunable crystalline phase 3D nanostructures. <i>Opto-Electronic Advances</i> , 2022, 5, 210077-210077.	6.4	37
46	Assessment of human gingival fibroblast interaction with dental implant abutment materials. <i>Journal of Materials Science: Materials in Medicine</i> , 2015, 26, 169.	1.7	36
47	Self-polymerization of nano-fibres and nano-membranes induced by two-photon absorption. <i>Lithuanian Journal of Physics</i> , 2010, 50, 135-140.	0.1	36
48	Hybrid subtractive-additive-welding microfabrication for lab-on-chip applications via single amplified femtosecond laser source. <i>Optical Engineering</i> , 2017, 56, 1.	0.5	34
49	Direct laser writing of 3D polymer micro/nanostructures on metallic surfaces. <i>Applied Surface Science</i> , 2013, 270, 382-387.	3.1	30
50	Photosensitive naturally derived resins toward optical 3-D printing. <i>Optical Engineering</i> , 2018, 57, 1.	0.5	30
51	Evaluation of enamel micro-cracks characteristics after removal of metal brackets in adult patients. <i>European Journal of Orthodontics</i> , 2013, 35, 317-322.	1.1	29
52	Fabrication of periodic micro-structures by holographic lithography. <i>Lithuanian Journal of Physics</i> , 2013, 53, 227-237.	0.1	29
53	Laser 3D Printing of Inorganic Free-Form Micro-Optics. <i>Photonics</i> , 2021, 8, 577.	0.9	29
54	Augmentation of direct laser writing fabrication throughput for three-dimensional structures by varying focusing conditions. <i>Optical Engineering</i> , 2014, 53, 125102.	0.5	27

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55	Vegetable Oil-Based Thiol-Ene/Thiol-Epoxy Resins for Laser Direct Writing 3D Micro-/Nano-Lithography. <i>Polymers</i> , 2021, 13, 872.	2.0	26
56	Two-photon polymerization for fabrication of three-dimensional micro- and nanostructures over a large area. <i>Proceedings of SPIE</i> , 2009, , .	0.8	25
57	Hybrid curved nano-structured micro-optical elements. <i>Optics Express</i> , 2016, 24, 16988.	1.7	25
58	3D printed polarizing grids for IR-THz synchrotron radiation. <i>Journal of Optics (United Kingdom)</i> , 2018, 20, 035101.	1.0	25
59	Wrinkled axicons: shaping light from cusps. <i>Optics Express</i> , 2016, 24, 24075.	1.7	24
60	Optical damage thresholds of microstructures made by laser three-dimensional nanolithography. <i>Optics Letters</i> , 2020, 45, 13.	1.7	24
61	Diffraction grating fabrication in lithium niobate and KDP crystals with femtosecond laser pulses. <i>Applied Physics A: Materials Science and Processing</i> , 2011, 104, 769-773.	1.1	23
62	Spatial filtering by axisymmetric photonic microstructures. <i>Optics Letters</i> , 2014, 39, 929.	1.7	23
63	Vanillin Acrylate-Based Resins for Optical 3D Printing. <i>Polymers</i> , 2020, 12, 397.	2.0	23
64	Direct Laser Fabrication of Composite Material 3D Microstructured Scaffolds. <i>Journal of Laser Micro Nanoengineering</i> , 2014, 9, 25-30.	0.4	22
65	Direct laser writing of microoptical structures using a Ge-containing hybrid material. <i>Metamaterials</i> , 2011, 5, 135-140.	2.2	20
66	Enamel microcracks in the form of tooth damage during orthodontic debonding: a systematic review and meta-analysis of <i>in vitro</i> studies. <i>European Journal of Orthodontics</i> , 2018, 40, 636-648.	1.1	20
67	Photocrosslinked polymers based on plant-derived monomers for potential application in optical 3D printing. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48708.	1.3	20
68	Birefringent optical retarders from laser 3D-printed dielectric metasurfaces. <i>Applied Physics Letters</i> , 2021, 118, .	1.5	20
69	Improvement of the Fabrication Accuracy of Fiber Tip Microoptical Components via Mode Field Expansion. <i>Journal of Laser Micro Nanoengineering</i> , 2014, 9, 68-72.	0.4	20
70	Custom on demand 3D printing of functional microstructures. <i>Lithuanian Journal of Physics</i> , 2015, 55, .	0.1	20
71	Customization of direct laser lithography-based 3D scaffolds for optimized <i>in vivo</i> outcome. <i>Applied Surface Science</i> , 2019, 487, 692-702.	3.1	19
72	Beam focalization in reflection from flat dielectric subwavelength gratings. <i>Optics Letters</i> , 2014, 39, 6086.	1.7	18

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73	Fabrication of a composite of nanocrystalline carbonated hydroxyapatite (cHAP) with polylactic acid (PLA) and its surface topographical structuring with direct laser writing (DLW). RSC Advances, 2016, 6, 72733-72743.	1.7	18
74	Fabrication of Scaffolds and Micro-Lenses Array in a Negative Photopolymer SZ2080 by Multi-Photon Polymerization and Four-Femtosecond-Beam Interference. Physics Procedia, 2011, 12, 82-88.	1.2	17
75	The prognostic value of visually assessing enamel microcracks: Do debonding and adhesive removal contribute to their increase?. Angle Orthodontist, 2016, 86, 437-447.	1.1	17
76	Nanophotonic lithography: a versatile tool for manufacturing functional three-dimensional micro-/nano-objects. Lithuanian Journal of Physics, 2012, 52, 312-326.	0.1	17
77	Enamel microcracks in terms of orthodontic treatment: A novel method for their detection and evaluation. Dental Materials Journal, 2017, 36, 438-446.	0.8	14
78	Enamel cracks evaluation – A method to predict tooth surface damage during the debonding. Dental Materials Journal, 2015, 34, 828-834.	0.8	13
79	Photoresins based on acrylated epoxidized soybean oil and benzenedithiols for optical 3D printing. Rapid Prototyping Journal, 2019, 25, 378-387.	1.6	13
80	Holographic lithography for biomedical applications. , 2012, , .		12
81	Does orthodontic debonding lead to tooth sensitivity? Comparison of teeth with and without visible enamel microcracks. American Journal of Orthodontics and Dentofacial Orthopedics, 2017, 151, 284-291.	0.8	12
82	Fabrication of Periodic Micro-Structures by Multi-Photon Polymerization Using the Femtosecond Laser and Four-Beam Interference. Medziagotyra, 2011, 17, .	0.1	10
83	Applications of nonlinear laser nano/microlithography: fabrication from nanophotonic to biomedical components. Proceedings of SPIE, 2011, , .	0.8	10
84	Single-step direct laser fabrication of complex shaped microoptical components. Proceedings of SPIE, 2012, , .	0.8	10
85	Tilted black-Si: $\sim 1/40.45$ form-birefringence from sub-wavelength needles. Optics Express, 2020, 28, 16012.	1.7	10
86	Direct Mechanical Detection and Measurement of Wave-Matter Orbital Angular Momentum Transfer by Nondissipative Vortex Mode Conversion. Physical Review Letters, 2019, 123, 244301.	2.9	9
87	Femtosecond laser-induced two-photon photopolymerization for structuring of micro-optical and photonic devices. , 2009, , .		8
88	Thermal and optical properties of sol-gel and SU-8 resists. Proceedings of SPIE, 2012, , .	0.8	8
89	Three-dimensional non-destructive visualization of teeth enamel microcracks using X-ray micro-computed tomography. Scientific Reports, 2021, 11, 14810.	1.6	8
90	Large Scale Laser Two-Photon Polymerization Structuring for Fabrication of Artificial Polymeric Scaffolds for Regenerative Medicine. AIP Conference Proceedings, 2010, , .	0.3	7

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91	Characterization of tissue engineered cartilage products: Recent developments in advanced therapy. <i>Pharmacological Research</i> , 2016, 113, 823-832.	3.1	7
92	Alterations in enteric calcitonin gene-related peptide in patients with colonic diverticular disease. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2019, 216, 63-71.	1.4	7
93	Optically-Thin Broadband Graphene-Membrane Photodetector. <i>Nanomaterials</i> , 2020, 10, 407.	1.9	7
94	Femtosecond Pulse Light Filament-Assisted Microfabrication of Biodegradable Polylactic Acid (PLA) Material. <i>Journal of Laser Micro Nanoengineering</i> , 2015, 10, 222-228.	0.4	7
95	Lithographic microfabrication of biocompatible polymers for tissue engineering and lab-on-a-chip applications. <i>Proceedings of SPIE</i> , 2012, , .	0.8	6
96	Bioresists from renewable resources as sustainable photoresins for 3D laser microlithography: material synthesis, cross-linking rate and characterization of the structures. <i>Proceedings of SPIE</i> , 2017, , .	0.8	6
97	Biocompatibility Evaluation and Enhancement of Elastomeric Coatings Made Using Table-Top Optical 3D Printer. <i>Coatings</i> , 2020, 10, 254.	1.2	6
98	Laser two-photon polymerization micro- and nanostructuring over a large area on various substrates. <i>Proceedings of SPIE</i> , 2010, , .	0.8	5
99	Employment of fluorescence for autofocusing in direct laser writing micro-/nano-lithography. , 2014, , .		5
100	Femtosecond pulsed light polarization induced effects in direct laser writing 3D nanolithography. <i>Proceedings of SPIE</i> , 2016, , .	0.8	5
101	Microfabrication of 3D metallic interconnects via direct laser writing and chemical metallization. <i>Lithuanian Journal of Physics</i> , 2014, 54, .	0.1	5
102	Femtosecond laser fabrication of hybrid micro-optical elements and their integration on the fiber tip. , 2010, , .		4
103	Laser-Micro/Nanofabricated 3D Polymers for Tissue Engineering Applications. <i>Latvian Journal of Physics and Technical Sciences</i> , 2011, 48, 32-43.	0.4	4
104	Direct laser writing of 3D micro/nanostructures on opaque surfaces. <i>Proceedings of SPIE</i> , 2012, , .	0.8	4
105	Direct Laser Fabrication of Polymeric Implants for Cardiovascular Surgery. <i>Medziagotyra</i> , 2012, 18, .	0.1	4
106	Multiscale 3D manufacturing: combining thermal extrusion printing with additive and subtractive direct laser writing. <i>Proceedings of SPIE</i> , 2014, , .	0.8	4
107	Tailoring bulk mechanical properties of 3D printed objects of polylactic acid varying internal micro-architecture. , 2015, , .		4
108	Osteochondral Repair and Electromechanical Evaluation of Custom 3D Scaffold Microstructured by Direct Laser Writing Lithography. <i>Cartilage</i> , 2019, , 194760351984774.	1.4	4

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109	Metrology and process control. , 2020, , 197-228.		4
110	InÂvivo examination of enamel microcracks after orthodontic debonding: Is there a need for detailed analysis?. American Journal of Orthodontics and Dentofacial Orthopedics, 2021, 159, e103-e111.	0.8	4
111	Optical damage thresholds of microstructures made by laser three-dimensional nanolithography: publisherâ€™s note. Optics Letters, 2020, 45, 980.	1.7	4
112	Thermo-Responsive Shape Memory Vanillin-Based Photopolymers for Microtransfer Molding. Polymers, 2022, 14, 2460.	2.0	4
113	Three-dimensional nanostructuring of polymer materials by controlled avalanche using femtosecond laser pulses. Proceedings of SPIE, 2014, , .	0.8	3
114	Plasmonically enhanced 3D laser lithography for high-throughput nanoprecision fabrication. , 2017, , .		3
115	Laser nanolithography and pyrolysis of SZ2080 hybrid for slowing light in 3D photonic crystals. , 2017, , .		3
116	Fabrication of flexible microporous 3D scaffolds via stereolithography and optimization of their biocompatibility. , 2018, , .		3
117	Volume Bragg Grating Formation in Fused Silica with High Repetition Rate Femtosecond Yb:KGW Laser Pulses. Journal of Laser Micro Nanoengineering, 2010, 5, 218-222.	0.4	3
118	Upconverting nanocrystals as luminescent temperature probes for local-heating imaging during direct laser writing 3D nanolithography. , 2018, , .		3
119	3D opto-structuring of ceramics at nanoscale. , 2018, , .		3
120	Processes of Laser Direct Writing 3D Nanolithography. , 2020, , 1-31.		3
121	Fabrication, replication, and characterization of microlenses for optofluidic applications. , 2013, , .		2
122	Mesoscale 3D manufacturing: varying focusing conditions for efficient direct laser writing of polymers. , 2014, , .		2
123	Local expression of AP/AngIV/IRAP and effect of AngIV on glucose-induced epithelial transport in human jejunal mucosa. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2015, 16, 1101-1108.	1.0	2
124	3D microoptics via ultrafast laser writing: Miniaturization, integration, and multifunctionalities. , 2020, , 445-474.		2
125	Fabrication of 3D glass-ceramic micro- /nano-structures by direct laser writing lithography and pyrolysis. , 2018, , .		2
126	Femtosecond laser induced damage threshold (LIDT) of 3D nanolithography made micro- and nano-optical elements. , 2019, , .		2



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127	Manufacturing of diffractive elements in fused silica using high repetition rate femtosecond Yb:KCrF laser pulses. Lithuanian Journal of Physics, 2010, 50, 129-134.	0.1	2
128	Polarization effects in 3D femtosecond direct laser writing nanolithography. , 2018, , .		2
129	Permanent volume Bragg grating fabrication in pure lithium niobate crystal using direct laser writing technique. , 2011, , .		1
130	Optical and thermal characterization on micro-optical elements made by femtosecond laser writing. , 2013, , .		1
131	Angiotensin IV induced contractions in human jejunal wall musculature in vitro. Peptides, 2014, 59, 63-69.	1.2	1
132	3D micro-optical elements for generation of tightly focused vortex beams. MATEC Web of Conferences, 2015, 32, 03002.	0.1	1
133	Fabrication of 3D micro-structured scaffolds by direct laser writing in pre-polymers for in vitro and in vivo studies. , 2017, , .		1
134	Laser subtractive-additive-welding microfabrication for Lab-On-Chip (LOC) applications. , 2017, , .		1
135	Direct laser writing of optical field concentrators based on chirped three-dimensional photonic crystals. , 2020, , .		1
136	Direct laser writing of optical field concentrators based on chirped three-dimensional photonic crystals. , 2019, , .		1
137	The optical damage threshold of 3D nanolithography produced microstructures under intense femtosecond irradiation. , 2018, , .		1
138	Three dimensional Woodpile Photonic Crystal for collimation of light beams. , 2011, , .		0
139	Laser polymerization of Photonic Crystals for collimation of beams at visible wavelengths. , 2011, , .		0
140	Direct laser writing of microoptical structures using a germanium-containing hybrid photopolymer. , 2011, , .		0
141	Laser microstructured 3D polymeric biocompatible implants. , 2011, , .		0
142	Controlled self-formation of nanofibers and nanomembranes in polymers induced by laser direct writing. , 2011, , .		0
143	Woodpile photonic crystal for beam collimation. , 2012, , .		0
144	Collimation and imaging behind a woodpile photonic crystal. , 2012, , .		0

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145	Direct laser fabrication of composite material 3D microstructured scaffolds. , 2013, , .		0
146	Optoplasmonics: hybridization in 3D. , 2013, , .		0
147	Laser 3D nanostructuring of polymers: Mechanisms study and targeted applications. , 2013, , .		0
148	Focusing by a flat woodpile 3D photonic crystal. , 2013, , .		0
149	Focussing by a flat woodpile 3D photonic crystal. , 2013, , .		0
150	Chirped Photonic Crystals for spatial filtering of light beams. , 2013, , .		0
151	Combination of thermal extrusion printing and ultrafast laser fabrication for the manufacturing of 3D composite scaffolds. , 2014, , .		0
152	Laser-induced damage in photopolymers thin films with ultrashort pulses. Proceedings of SPIE, 2014, , .	0.8	0
153	A Decade of Advances in Femtosecond Laser Fabrication of Polymers: Mechanisms and Applications. Springer Series in Materials Science, 2014, , 271-291.	0.4	0
154	Laser nanolithography and chemical metalization for the manufacturing of 3D metallic interconnects. Proceedings of SPIE, 2014, , .	0.8	0
155	Beam shaping using topological axicons (Conference Presentation). , 2016, , .		0
156	3D Micro-Optics Via Ultrafast Laser Writing: Miniaturization, Integration, and Multifunctionalities. , 2016, , 268-292.		0
157	Nanostructures for highly efficient infrared detection. Proceedings of SPIE, 2017, , .	0.8	0
158	Enhanced cavity-waveguide interaction in three-dimensional photonic crystals. , 2017, , .		0
159	3D laser printing by ultra-short laser pulses for micro-optical applications: towards telecom wavelengths. Proceedings of SPIE, 2017, , .	0.8	0
160	Fabrication of 3D microstructured scaffolds by direct laser writing in pre-polymers and their performance in cartilage regeneration in vitro and in vivo. , 2017, , .		0
161	Combination of additive and subtractive laser microprocessing in glass/polymer microsystems for chemical sensing applications. , 2017, , .		0
162	3D glass-ceramic templates for micro-/nano-optics realized via laser nanolithography and pyrolysis. , 2017, , .		0

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163	The optical resiliency of direct laser writing 3D nanolithography produced microstructures to intense irradiation. , 2017, , .		0
164	Polarization control of 3D polymerised features in femtosecond direct laser writing. , 2017, , .		0
165	Stitch-Free Fabrication of Microoptical Elements Employing Femtosecond Laser 3D Lithography. , 2019, , .		0
166	In-Situ Optical Temperature Measurement in Micro-Scale during Ultrafast Laser 3D Nanolithography. , 2019, , .		0
167	True 3D Additive-Manufacturing of Glass-Ceramics Down to Nanoscale. , 2019, , .		0
168	3D Subtractive/Additive Printing with Ultrashort Laser Pulses: A Matured Technology. , 2021, , 1-22.		0
169	3D Subtractive Printing with Ultrashort Laser Pulses. , 2021, , 1-23.		0
170	Laser Lithography for Bioprinting: From 3D Scaffolds to Plant Based Resins. , 2021, , .		0
171	Comparison of different microstructure scaffolds for tissue regeneration. , 0, , .		0
172	3D microfabrication of complex structures for biomedical applications via combination of subtractive/additive direct laser writing and 3D printing. , 0, , .		0
173	3D Printed Gratings: IR-THz Applications. , 2018, , .		0
174	Optical 3D printing in mesoscale. , 2018, , .		0
175	Which period ripples will form on the ablated surface: subwavelength or deep-subwavelength?. , 2018, , .		0
176	Solvent induced reversible deformations of polymeric 3D microstructures for actuation and sensing applications. , 2018, , .		0
177	Graphene bolometer for vis-IR spectral range made on nano-SiN membrane. , 2018, , .		0
178	Local temperature measurement during ultrafast laser 3D nanolithography writing. , 2018, , .		0
179	Mesoscale ultrafast laser 3D lithography: throughput in voxels-per-second. , 2018, , .		0
180	Methods and challenges in laser-induced damage threshold evaluation of volumetric photopolymerized micro-structures. , 2018, , .		0

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181	Hybrid laser 3D microprocessing in glass/polymer micromechanical sensor: towards chemical sensing applications. , 2018, , .		0
182	Manufacturing of Arbitrary Shaped Optical Elements by 3D Laser Lithography. , 2019, , .		0
183	Graphene on silicon-nitride photodetector. , 2019, , .		0
184	3D Subtractive/Additive Printing with Ultrashort Laser Pulses: A Matured Technology. , 2021, , 1431-1452.		0
185	Processes of Laser Direct Writing 3D Nanolithography. , 2021, , 1401-1430.		0
186	3D Subtractive Printing with Ultrashort Laser Pulses. , 2021, , 1227-1248.		0
187	Laser Multiscale 3D Lithography of Plant Based Resins. , 2021, , .		0
188	Dynamics of Bronchiolitis Pre- and During COVID-19 Pandemics: Data Analysis from Lithuanian University Hospital Pediatric Emergency. , 2022, , .		0