

# Wei Wu

## List of Publications by Year in descending order

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152  
papers

11,227  
citations

47006

47  
h-index

29157

104  
g-index

152  
all docs

152  
docs citations

152  
times ranked

15132  
citing authors

#	ARTICLE	IF	CITATIONS
1	External factors that affect the photoplethysmography waveforms. SN Applied Sciences, 2022, 4, 1.	2.9	7
2	Observation of in-plane excitonâ€“polaritons in monolayer WSe <sub>2</sub> driven by plasmonic nanofingers. Nanophotonics, 2022, 11, 3149-3157.	6.0	4
3	Nonlinear Lithium Niobate Metasurfaces for Second Harmonic Generation. Laser and Photonics Reviews, 2021, 15, 2000521.	8.7	57
4	A Tantalum Disulfide Charge-Density-Wave Stochastic Artificial Neuron for Emulating Neural Statistical Properties. Nano Letters, 2021, 21, 3465-3472.	9.1	15
5	Plasmonic dye-sensitized solar cells through collapsible gold nanofingers. Nanotechnology, 2021, 32, 355301.	2.6	3
6	Reconfigurable Stochastic neurons based on tin oxide/MoS <sub>2</sub> hetero-memristors for simulated annealing and the Boltzmann machine. Nature Communications, 2021, 12, 5710.	12.8	14
7	Helium-ion-beam nanofabrication: extreme processes and applications. International Journal of Extreme Manufacturing, 2021, 3, 012001.	12.7	34
8	Stretchable optical diffraction grating from poly(acrylic acid)/polyethylene oxide stereocomplex. Optics Letters, 2021, 46, 5493.	3.3	5
9	Optical metrology of characterizing wetting states. Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics, 2021, 39, .	1.2	2
10	Dualâ€“Electromagnetic Field Enhancements through Suspended Metal/Dielectric/Metal Nanostructures and Plastic Phthalates Detection in Child Urine. Advanced Optical Materials, 2020, 8, 1901305.	7.3	14
11	Probing the Mechanisms of Strong Fluorescence Enhancement in Plasmonic Nanogaps with Sub-nanometer Precision. ACS Nano, 2020, 14, 14769-14778.	14.6	33
12	A memristor-based hybrid analog-digital computing platform for mobile robotics. Science Robotics, 2020, 5, .	17.6	28
13	Memristive Device Characteristics Engineering by Controlling the Crystallinity of Switching Layer Materials. ACS Applied Electronic Materials, 2020, 2, 1529-1537.	4.3	7
14	Effects of roughness and resonant-mode engineering in all-dielectric metasurfaces. Nanophotonics, 2020, 9, 1401-1410.	6.0	9
15	Detection of Fake Alcoholic Beverages Using Electrolyte-Free Nanogap Electrochemical Cells. ACS Applied Materials & Interfaces, 2019, 11, 6217-6223.	8.0	5
16	Switchable Allâ€“Dielectric Metasurfaces for Fullâ€“Color Reflective Display. Advanced Optical Materials, 2019, 7, 1801639.	7.3	47
17	Bioinspired Functional Surfaces Enabled by Multiscale Stereolithography. Advanced Materials Technologies, 2019, 4, 1800638.	5.8	47
18	Sculpting Extreme Electromagnetic Field Enhancement in Free Space for Molecule Sensing. Small, 2018, 14, e1801146.	10.0	36

#	ARTICLE	IF	CITATIONS
19	Optical metasurface based on hybrid high-contrast dielectric gratings for visible and near-IR ranges (Conference Presentation). , 2017, , .		0
20	Photoinitiated Dynamics in Amorphous Solid Water via Nanoimprint Lithography. Journal of Physical Chemistry A, 2017, 121, 4968-4981.	2.5	2
21	Probing Gap Plasmons Down to Subnanometer Scales Using Collapsible Nanofingers. ACS Nano, 2017, 11, 5836-5843.	14.6	35
22	Reconfigurable metasurfaces that enable light polarization control by light. Light: Science and Applications, 2017, 6, e16254-e16254.	16.6	108
23	In-Plane Electrical Connectivity and Near-Field Concentration of Isolated Graphene Resonators Realized by Ion Beams. Advanced Materials, 2017, 29, 1701083.	21.0	18
24	Ultrasensitive SERS Substrate Integrated with Uniform Subnanometer Scale "Hot Spots" Created by a Graphene Spacer for the Detection of Mercury Ions. Small, 2017, 13, 1603347.	10.0	101
25	Atomically Thin Femtojoule Memristive Device. Advanced Materials, 2017, 29, 1703232.	21.0	147
26	Multiscale Stereolithography Using Shaped Beams. Journal of Micro and Nano-Manufacturing, 2017, 5, .	0.7	12
27	Field-Assisted Splitting of Pure Water Based on Deep-Sub-Debye-Length Nanogap Electrochemical Cells. ACS Nano, 2017, 11, 8421-8428.	14.6	34
28	Emulating Bilingual Synaptic Response Using a Junction-Based Artificial Synaptic Device. ACS Nano, 2017, 11, 7156-7163.	14.6	106
29	All-Dielectric Heterogeneous Metasurface as an Efficient Ultra-Broadband Reflector. Advanced Optical Materials, 2017, 5, 1700090.	7.3	26
30	Multi-scale manufacture for bio-inspired structure enabled by variable voxel stereolithography. , 2017, , .		0
31	Field-Driven Splitting of Pure Water Based on Deep-Sub-Debye-Length Nanogap Cells. ECS Meeting Abstracts, 2017, , .	0.0	0
32	Microwave Selective Heating Enhancement for Cancer Hyperthermia Therapy Based on Lithographically Defined Micro/Nanoparticles. Advanced Materials Technologies, 2016, 1, 1600038.	5.8	10
33	Nanoimprint-defined, large-area meta-surfaces for unidirectional optical transmission with superior extinction in the visible-to-infrared range. Optics Express, 2016, 24, 15362.	3.4	32
34	Microresonator for Microwave Cancer Therapy. IEEE Journal on Multiscale and Multiphysics Computational Techniques, 2016, 1, 36-39.	2.2	2
35	Designed synthesis and surface engineering strategies of magnetic iron oxide nanoparticles for biomedical applications. Nanoscale, 2016, 8, 19421-19474.	5.6	326
36	Monolayer Molybdenum Disulfide Nanoribbons with High Optical Anisotropy. Advanced Optical Materials, 2016, 4, 756-762.	7.3	74

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37	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
38	Low DC-bias silicon nitride anisotropic etching. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2015, 33, .	1.2	2
39	Foreword of guest editor. Applied Physics A: Materials Science and Processing, 2015, 121, 319-319.	2.3	0
40	Fabrication of High Contrast Gratings for the Spectrum Splitting Dispersive Element in a Concentrated Photovoltaic System. Journal of Visualized Experiments, 2015, , e52913.	0.3	0
41	LineÅwidth tuning and smoothening for periodical grating fabrication in nanoimprint lithography. Applied Physics A: Materials Science and Processing, 2015, 121, 399-403.	2.3	16
42	Nanoimprint lithography enables memristor crossbars and hybrid circuits. Applied Physics A: Materials Science and Processing, 2015, 121, 467-479.	2.3	8
43	Nanoimprint lithography of plasmonic platforms for SERS applications. Applied Physics A: Materials Science and Processing, 2015, 121, 443-449.	2.3	18
44	Recent progress on magnetic iron oxide nanoparticles: synthesis, surface functional strategies and biomedical applications. Science and Technology of Advanced Materials, 2015, 16, 023501.	6.1	1,159
45	Nanoimprint lithography: an enabling technology for nanophotonics. Applied Physics A: Materials Science and Processing, 2015, 121, 327-333.	2.3	29
46	Hybrid Nanoimprint-Soft Lithography for Highly Curved Surface with Sub-15 nm Resolution. Springer Series in Surface Sciences, 2015, , 91-109.	0.3	4
47	Full-color reflective display system based on high contrast gratings. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2014, 32, .	1.2	11
48	Probing the plasmonic band structure of an optical metamaterial. Physical Review B, 2014, 89, .	3.2	4
49	Fabrication of high-contrast gratings for a parallel spectrum splitting dispersive element in a concentrated photovoltaic system. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2014, 32, .	1.2	9
50	Patterning, Characterization, and Chemical Sensing Applications of Graphene Nanoribbon Arrays Down to 5 nm Using Helium Ion Beam Lithography. ACS Nano, 2014, 8, 1538-1546.	14.6	212
51	A degradable polycyclic cross-linker for UV-curing nanoimprint lithography. Journal of Materials Chemistry C, 2014, 2, 1836.	5.5	21
52	Spectrum splitting using multi-layer dielectric meta-surfaces for efficient solar energy harvesting. Applied Physics A: Materials Science and Processing, 2014, 115, 713-719.	2.3	24
53	Double transfer UV-curing nanoimprint lithography. Nanotechnology, 2013, 24, 465304.	2.6	21
54	Large-area, well-ordered, uniform-sized bowtie nanoantenna arrays for surface enhanced Raman scattering substrate with ultra-sensitive detection. Applied Physics Letters, 2013, 103, .	3.3	39

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55	Increase in vulnerability of atrial fibrillation in an acute intermittent hypoxia model: Importance of autonomic imbalance. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2013, 177, 148-153.	2.8	26
56	Combined helium ion beam and nanoimprint lithography attains 4â€‰nm half-pitch dense patterns. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2012, 30, 06F304.	1.2	77
57	Selective transfer of nanostructured assemblies onto an arbitrary substrate by nanoimprinting. <i>Proceedings of SPIE</i> , 2012, , .	0.8	0
58	Engineering nonlinearity into memristors for passive crossbar applications. <i>Applied Physics Letters</i> , 2012, 100, .	3.3	179
59	Second-harmonic generations in fishet metamaterials. , 2012, , .		0
60	Fabrication of Deterministic Nanostructure Assemblies with Sub-nanometer Spacing Using a Nanoimprinting Transfer Technique. <i>ACS Nano</i> , 2012, 6, 6446-6452.	14.6	42
61	A fast thermal-curing nanoimprint resist based on cationic polymerizable epoxysiloxane. <i>Nanoscale Research Letters</i> , 2012, 7, 380.	5.7	7
62	Short-Range Surface Plasmon Polaritons for Extraordinary Low Transmission Through Ultra-Thin Metal Films with Nanopatterns. <i>Plasmonics</i> , 2012, 7, 47-52.	3.4	19
63	A dual-curable transfer layer for adhesion enhancement of a multilayer UV-curable nanoimprint resist system. <i>Applied Physics A: Materials Science and Processing</i> , 2012, 108, 1-6.	2.3	3
64	Nanoimprint lithography with â‰ƒ60 nm overlay precision. <i>Applied Physics A: Materials Science and Processing</i> , 2012, 106, 767-772.	2.3	18
65	Hot-Spot Engineering in Polygonal Nanofinger Assemblies for Surface Enhanced Raman Spectroscopy. <i>Nano Letters</i> , 2011, 11, 2538-2542.	9.1	180
66	Nonlinear responses in optical metamaterials: theory and experiment. <i>Optics Express</i> , 2011, 19, 18283.	3.4	20
67	Twoâ€‰and Threeâ€‰Terminal Resistive Switches: Nanometerâ€‰Scale Memristors and Memistors. <i>Advanced Functional Materials</i> , 2011, 21, 2660-2665.	14.9	74
68	Effects of Autonomic Interventions on Atrial Restitution Properties. <i>Journal of Cardiovascular Electrophysiology</i> , 2011, 22, 84-90.	1.7	7
69	Preparation and characterization of spindle-like Fe <sub>3</sub> O <sub>4</sub> mesoporous nanoparticles. <i>Nanoscale Research Letters</i> , 2011, 6, 89.	5.7	66
70	Controlled Synthesis of Monodisperse Subâ€‰100â€‰nm Hollow SnO <sub>2</sub> Nanospheres: A Templateâ€‰and Surfactantâ€‰Free Solutionâ€‰Phase Route, the Growth Mechanism, Optical Properties, and Application as a Photocatalyst. <i>Chemistry - A European Journal</i> , 2011, 17, 9708-9719.	3.3	57
71	Impact of geometry on the performance of memristive nanodevices. <i>Nanotechnology</i> , 2011, 22, 254026.	2.6	26
72	Distinct restitution properties in vagally mediated atrial fibrillation and six-hour rapid pacing-induced atrial fibrillation. <i>Cardiovascular Research</i> , 2011, 89, 834-842.	3.8	19

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73	Rational engineering of highly sensitive SERS substrate based on nanocone structures. Proceedings of SPIE, 2010, , .	0.8	9
74	Facile Fabrication of Ultrafine Hollow Silica and Magnetic Hollow Silica Nanoparticles by a Dual-Templating Approach. Nanoscale Research Letters, 2010, 5, 116-123.	5.7	14
75	A normal-incident quantum well infrared photodetector enhanced by surface plasmon resonance. Proceedings of SPIE, 2010, , .	0.8	0
76	Cones fabricated by 3D nanoimprint lithography for highly sensitive surface enhanced Raman spectroscopy. Nanotechnology, 2010, 21, 255502.	2.6	87
77	Gold Nanofingers for Molecule Trapping and Detection. Journal of the American Chemical Society, 2010, 132, 12820-12822.	13.7	187
78	Self-Aligned Memristor Cross-Point Arrays Fabricated with One Nanoimprint Lithography Step. Nano Letters, 2010, 10, 2909-2914.	9.1	98
79	Double-grating polarizer for terahertz radiation with high extinction ratio. Applied Optics, 2010, 49, 2066.	2.1	17
80	Plasmonic enhanced quantum well infrared photodetector with high detectivity. Applied Physics Letters, 2010, 96, .	3.3	166
81	A smooth optical superlens. Applied Physics Letters, 2010, 96, 043102.	3.3	78
82	A hybrid nanomemristor/transistor logic circuit capable of self-programming. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 1699-1703.	7.1	242
83	Sub-15nm nanoimprint molds and pattern transfer. Journal of Vacuum Science & Technology B, 2009, 27, 2837-2840.	1.3	42
84	Guiding vaporâ€“liquidâ€“solid nanowire growth using SiO <sub>2</sub> . Nanotechnology, 2009, 20, 145303.	2.6	20
85	Alignment for imprint lithography using nDSE and shallow molds. Nanotechnology, 2009, 20, 255304.	2.6	7
86	One-Pot Reaction and Subsequent Annealing to Synthesis Hollow Spherical Magnetite and Maghemite Nanocages. Nanoscale Research Letters, 2009, 4, 926-931.	5.7	43
87	Geometrical dependence of optical negative index meta-materials at 1.55 $\mu$ m. Applied Physics A: Materials Science and Processing, 2009, 95, 1119-1122.	2.3	5
88	Hybrid Nanoimprintâ€“Soft Lithography with Sub-15 nm Resolution. Nano Letters, 2009, 9, 2306-2310.	9.1	147
89	Ultrafast modulation of optical metamaterials. Optics Express, 2009, 17, 17652.	3.4	57
90	Memristorâ€“CMOS Hybrid Integrated Circuits for Reconfigurable Logic. Nano Letters, 2009, 9, 3640-3645.	9.1	628

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91	Ultrasmooth Silver Thin Films Deposited with a Germanium Nucleation Layer. Nano Letters, 2009, 9, 178-182.	9.1	279
92	Ultrafast response of negative index metamaterials in the near-infrared. Proceedings of SPIE, 2009, , .	0.8	0
93	A 14-ps full width at half maximum high-speed photoconductor fabricated with intersecting InP nanowires on an amorphous surface. Applied Physics A: Materials Science and Processing, 2008, 91, 1-5.	2.3	48
94	Magnetic Iron Oxide Nanoparticles: Synthesis and Surface Functionalization Strategies. Nanoscale Research Letters, 2008, 3, 397-415.	5.7	1,852
95	Nonlinear optical spectroscopy of photonic metamaterials. Physical Review B, 2008, 78, .	3.2	85
96	Sub-10 nm Nanoimprint Lithography by Wafer Bowling. Nano Letters, 2008, 8, 3865-3869.	9.1	75
97	Fabrication and test of nano crossbar switches/MOSFET hybrid circuits by imprinting lithography. Proceedings of SPIE, 2008, , .	0.8	1
98	Fabrication of nanophotonic structures for information processing. Proceedings of SPIE, 2008, , .	0.8	2
99	Experimental demonstration of a defect-tolerant nanocrossbar demultiplexer. Nanotechnology, 2008, 19, 165203.	2.6	9
100	A novel lithography technique for formation of large areas of uniform nanostructures. , 2008, , .		2
101	Direct-write programming of nanoscale demultiplexer arrays. Nanotechnology, 2007, 18, 415201.	2.6	4
102	Modulation of negative index metamaterials in the near-IR range. Applied Physics Letters, 2007, 91, 173105.	3.3	34
103	Challenges in 1- $\mu$ m <sup>2</sup> dot patterning using electron beam lithography for bit-patterned media. Journal of Vacuum Science & Technology B, 2007, 25, 2202.	1.3	91
104	Smooth Ag Film Deposited Using e-beam Evaporated Ge as an Intermediate Layer for Applications in Nanoscale Devices and Optical Superlens. Materials Research Society Symposia Proceedings, 2007, 990, 1.	0.1	0
105	Surface Deformation of Metal Films Under Controlled Pressure for Generating Ultra-flat Metal Surfaces. Materials Research Society Symposia Proceedings, 2007, 990, 1.	0.1	0
106	Molecular Scale Imaging with A Smooth Superlens. , 2007, , WB3.		0
107	Midinfrared metamaterials fabricated by nanoimprint lithography. Applied Physics Letters, 2007, 90, 063107.	3.3	64
108	Sonochemical synthesis, structure and magnetic properties of air-stable Fe <sub>3</sub> O <sub>4</sub> /Au nanoparticles. Nanotechnology, 2007, 18, 145609.	2.6	139

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109	Tunable External Cavity Laser With a Liquid-Crystal Subwavelength Resonant Grating Filter as Wavelength-Selective Mirror. IEEE Photonics Technology Letters, 2007, 19, 1099-1101.	2.5	20
110	Tunable Liquid Crystal-Resonant Grating Filter Fabricated by Nanoimprint Lithography. IEEE Photonics Technology Letters, 2007, 19, 1457-1459.	2.5	42
111	Optical metamaterials at near and mid-IR range fabricated by nanoimprint lithography. Applied Physics A: Materials Science and Processing, 2007, 87, 143-150.	2.3	77
112	Ultra-smooth metal surfaces generated by pressure-induced surface deformation of thin metal films. Applied Physics A: Materials Science and Processing, 2007, 87, 187-192.	2.3	35
113	Switching between positive and negative permeability by photoconductive coupling for modulation of electromagnetic radiation. Applied Physics A: Materials Science and Processing, 2007, 87, 209-216.	2.3	14
114	Circuit Fabrication at 17 nm Half-Pitch by Nanoimprint Lithography. Nano Letters, 2006, 6, 351-354.	9.1	168
115	Sub-20-nm Alignment in Nanoimprint Lithography Using Moiré Fringe. Nano Letters, 2006, 6, 2626-2629.	9.1	115
116	Self-assembled microfabrication technology for 3D isotropic negative index material. , 2006, , .		4
117	nDSE-based overlay alignment: enabling technology for nano metrology and fabrication. , 2006, , .		1
118	Toward the modulation of negative index materials (NIM) by photoconductive coupling. , 2006, 6373, 74.		0
119	Filling of nano-via holes by laser-assisted direct imprint. Microelectronic Engineering, 2006, 83, 1547-1550.	2.4	9
120	Fabrication of 30 nm pitch imprint moulds by frequency doubling for nanowire arrays. Nanotechnology, 2006, 17, 4956-4961.	2.6	14
121	Nanofabrication module integrated with optical aligner. Journal of Vacuum Science & Technology B, 2006, 24, 539.	1.3	6
122	From nanoscale displacement sensing and estimation to nanoscale alignment. Journal of Vacuum Science & Technology B, 2006, 24, 3094.	1.3	7
123	Realization of 3D Isotropic Negative Index Materials using Massively Parallel and Manufacturable Microfabrication and Micromachining Technology. Materials Research Society Symposia Proceedings, 2006, 919, 1.	0.1	3
124	Fabrication of Optical Meta-structure at Infrared Rang using Nanoimprint Lithography. , 2006, , .		0
125	Nanoimprint lithography: the path toward high-tech, low-cost devices (Keynote Paper). , 2005, 5751, 46.		7
126	Fabrication of Multi-bit Crossbar Circuits at Sub-50 nm Half-pitch by Using UV-based Nanoimprint Lithography. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2005, 18, 565-570.	0.3	3



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127	Vapor-Phase Self-Assembled Monolayer for Improved Mold Release in Nanoimprint Lithography. <i>Langmuir</i> , 2005, 21, 1158-1161.	3.5	267
128	Image displacement sensing (NDSE) for achieving overlay alignment. <i>Applied Physics A: Materials Science and Processing</i> , 2005, 80, 1287-1299.	2.3	7
129	One-kilobit cross-bar molecular memory circuits at 30-nm half-pitch fabricated by nanoimprint lithography. <i>Applied Physics A: Materials Science and Processing</i> , 2005, 80, 1173-1178.	2.3	113
130	Issues on nanoimprint lithography with a single-layer resist structure. <i>Applied Physics A: Materials Science and Processing</i> , 2005, 81, 1331-1335.	2.3	14
131	Overlay alignment using optical microscopy and arbitrary surface features. <i>Journal of Vacuum Science &amp; Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 2005, 23, 3047.	1.6	3
132	Improved Pattern Transfer in Nanoimprint Lithography at 30 nm Half-Pitch by Substrate Surface Functionalization. <i>Langmuir</i> , 2005, 21, 6127-6130.	3.5	29
133	Cross-linked Polymer Replica of a Nanoimprint Mold at 30 nm Half-pitch. <i>Nano Letters</i> , 2005, 5, 179-182.	9.1	70
134	Electrostatic Force-Assisted Nanoimprint Lithography (EFAN). <i>Nano Letters</i> , 2005, 5, 527-530.	9.1	48
135	Fabrication of 5nm linewidth and 14nm pitch features by nanoimprint lithography. <i>Applied Physics Letters</i> , 2004, 84, 5299-5301.	3.3	564
136	Fabrication process of molecular memory circuits by nanoimprint lithography. , 2004, , .		1
137	Ultrafast patterning of nanostructures in polymers using laser assisted nanoimprint lithography. <i>Applied Physics Letters</i> , 2003, 83, 4417-4419.	3.3	69
138	Fabrication of large area subwavelength antireflection structures on Si using trilayer resist nanoimprint lithography and liftoff. <i>Journal of Vacuum Science &amp; Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 2003, 21, 2874.	1.6	220
139	Room-temperature Si single-electron memory fabricated by nanoimprint lithography. <i>Applied Physics Letters</i> , 2003, 83, 2268-2270.	3.3	38
140	100 nm period gratings produced by lithographically induced self-construction. <i>Nanotechnology</i> , 2003, 14, 786-790.	2.6	44
141	Fabrication of nanoscale gratings with reduced line edge roughness using nanoimprint lithography. <i>Journal of Vacuum Science &amp; Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 2003, 21, 2089.	1.6	55
142	Fabrication of 10 nm enclosed nanofluidic channels. <i>Applied Physics Letters</i> , 2002, 81, 174-176.	3.3	312
143	Fabrication of large area 100 nm pitch grating by spatial frequency doubling and nanoimprint lithography for subwavelength optical applications. <i>Journal of Vacuum Science &amp; Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 2001, 19, 2816.	1.6	67
144	Reflective polarizer based on a stacked double-layer subwavelength metal grating structure fabricated using nanoimprint lithography. <i>Applied Physics Letters</i> , 2000, 77, 927.	3.3	127

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145	Fabrication of a new broadband waveguide polarizer with a double-layer 190 nm period metal-gratings using nanoimprint lithography. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 1999, 17, 2957.	1.6	85
146	Perpendicular quantized magnetic disks with 45 Gbits on a $4\mu\text{m} \times 4\mu\text{m}$ area. Journal of Applied Physics, 1999, 85, 5534-5536.	2.5	41
147	Large area high density quantized magnetic disks fabricated using nanoimprint lithography. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 1998, 16, 3825.	1.6	183
148	A new two-dimensional subwavelength resonant grating filter fabricated by nanoimprint lithography. , 0, , .		5
149	A novel, simple and low-cost external cavity laser using subwavelength resonant grating filter. , 0, , .		1
150	A tunable subwavelength resonant grating optical filter. , 0, , .		5
151	High performance sub-100 nm Si thin-film transistors by Pattern-controlled crystallization of Thin channel layer and High temperature annealing. , 0, , .		0
152	Tunable liquid crystal-resonant grating filters using superimposed grating structures fabricated by nanoimprint lithography. , 0, , .		1