Timo Mappes

List of Publications by Year in descending order

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60 papers	1,602 citations	331670 21 h-index	315739 38 g-index
61 all docs	61 docs citations	61 times ranked	1596 citing authors

#	Article	IF	Citations
1	Optical imaging of post-embryonic zebrafish using multi orientation raster scan optoacoustic mesoscopy. Light: Science and Applications, 2017, 6, e16186-e16186.	16.6	28
2	Imaging of post-embryonic stage model organisms at high resolution using multi-orientation optoacoustic mesoscopy. , 2017, , .		0
3	Densely Packed Microgoblet Laser Pairs for Crossâ€Referenced Biomolecular Detection. Advanced Science, 2015, 2, 1500066.	11.2	22
4	Selective plane illumination optical and optoacoustic microscopy for postembryonic imaging. Laser and Photonics Reviews, 2015, 9, L29.	8.7	20
5	Efficient free-space read-out of WGM lasers using circular micromirrors. Optics Express, 2015, 23, 1025.	3.4	15
6	Vertically Stacked All-Polymer Whispering-Gallery Mode Lasers for Biosensing Applications. , 2015, , .		0
7	Phospholipid-functionalized microgoblet lasers for biomolecular detection. , 2015, , .		0
8	Organic semiconductor distributed feedback laser pixels for lab-on-a-chip applications fabricated by laser-assisted replication. Faraday Discussions, 2014, 174, 153-164.	3.2	12
9	Organic semiconductor distributed feedback laser as excitation source in Raman spectroscopy using free-beam and fibre coupling. Proceedings of SPIE, 2014, , .	0.8	2
10	Surface-Enhanced Raman Spectroscopy (SERS) using Nanopillar Arrays as Functional Substrates and an Organic Semiconductor DFB Laser as Excitation Source. , 2014, , .		0
11	Largeâ€Scale Parallel Surface Functionalization of Gobletâ€type Whispering Gallery Mode Microcavity Arrays for Biosensing Applications. Small, 2014, 10, 3863-3868.	10.0	36
12	Polymeric Whispering Gallery Mode Resonators for Biosensing Applications. , 2014, , .		0
13	High-Q polymer resonators with spatially controlled photo-functionalization for biosensing applications. Applied Physics Letters, 2013, 102, 121108.	3.3	13
14	Modular Optoelectronic Microfluidic Backplane for Fluid Analysis Systems. Journal of Microelectromechanical Systems, 2013, 22, 462-470.	2.5	6
15	On-chip microlasers for biomolecular detection via highly localized deposition of a multifunctional phospholipid ink. Lab on A Chip, 2013, 13, 2701.	6.0	53
16	Pump spot size dependent lasing threshold in organic semiconductor DFB lasers fabricated via nanograting transfer. Optics Express, 2013, 21, 27697.	3.4	18
17	Organic semiconductor distributed feedback (DFB) laser as excitation source in Raman spectroscopy. Optics Express, 2013, 21, 28941.	3.4	37
18	Polymeric photonic molecule super-mode lasers on silicon. Light: Science and Applications, 2013, 2, e82-e82.	16.6	84

#	Article	IF	Citations
19	Continuously tunable solution-processed organic semiconductor DFB lasers pumped by laser diode. Optics Express, 2012, 20, 6357.	3.4	78
20	Integrated Lasers for Polymer Lab-on-a-Chip Systems. , 2012, , .		0
21	Design of plasmonic grating structures towards optimum signal discrimination for biosensing applications. Optics Express, 2012, 20, 11357.	3.4	21
22	Flexible coupling of high-Q goblet resonators for formation of tunable photonic molecules. Optics Express, 2012, 20, 22012.	3.4	18
23	Ink-Jet-Printed Organic Semiconductor Distributed Feedback Laser. Applied Physics Express, 2012, 5, 072101.	2.4	26
24	The Invention of Immersion Ultramicroscopy in 1912â€"The Birth of Nanotechnology?. Angewandte Chemie - International Edition, 2012, 51, 11208-11212.	13.8	39
25	Diffusion driven optofluidic dye lasers encapsulated into polymer chips. Lab on A Chip, 2012, 12, 3734.	6.0	20
26	On-chip integrated lasers for biophotonic applications. , 2012, , .		2
27	Integration of organic semiconductor lasers and waveguides into PMMA based microfluidic lab-on-a-chip systems. , 2011, , .		1
28	Diode-Pumped Organic Semiconductor Microcone Laser. IEEE Photonics Technology Letters, 2011, 23, 489-491.	2.5	11
29	Plastic lab-on-a-chip for fluorescence excitation with integrated organic semiconductor lasers. Optics Express, 2011, 19, 8179.	3.4	95
30	Strongly confined, low-threshold laser modes in organic semiconductor microgoblets. Optics Express, 2011, 19, 10009.	3.4	22
31	Direct laser writing for active and passive high-Q polymer microdisks on silicon. Optics Express, 2011, 19, 11451.	3.4	90
32	Voltage-controlled tuning of an organic semiconductor distributed feedback laser using liquid crystals. Applied Physics Letters, 2011, 99, 023307.	3.3	32
33	Integrated lasers for polymer based lab-on-a-chip systems. , 2011, , .		0
34	A modular microfluidic backplane for control and interconnection of optofluidic devices. , 2011, , .		2
35	Hot embossing of photonic crystal polymer structures with a high aspect ratio. Journal of Micromechanics and Microengineering, 2011, 21, 025017.	2.6	10
36	Nanograting transfer for light extraction in organic light-emitting devices. Applied Physics Letters, 2011, 98, 143105.	3.3	9

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37	Integration of organic semiconductor lasers and single-mode passive waveguides into a PMMA substrate. Microelectronic Engineering, 2010, 87, 693-695.	2.4	48
38	Lipid multilayer gratings. Nature Nanotechnology, 2010, 5, 275-279.	31.5	98
39	Fluorescence excitation on monolithically integrated all-polymer chips. Journal of Biomedical Optics, 2010, 15, 041517.	2.6	7
40	Biophotonic fluorescence excitation with integrated polymer waveguides. Proceedings of SPIE, 2010, , .	0.8	0
41	High-Q conical polymeric microcavities. Applied Physics Letters, 2010, 96, 013303.	3.3	91
42	Highly integrated biophotonics towards all-organic lab-on-chip systems. Proceedings of SPIE, 2010, , .	0.8	1
43	Integrated photonic lab-on-chip systems for biomedical applications. Proceedings of SPIE, 2010, , .	0.8	4
44	Low-threshold conical microcavity dye lasers. Applied Physics Letters, 2010, 97, .	3.3	82
45	X-ray fabrication of SAW resonators with narrow electrodes in thick high-aspect-ratio polymer templates. Journal of Micromechanics and Microengineering, 2010, 20, 075031.	2.6	4
46	Optical spectroscopy with organic semiconductor lasers. Proceedings of SPIE, 2010, , .	0.8	8
47	Optofluidic dye laser in a foil. Optics Express, 2010, 18, 9280.	3.4	184
48	Low-cost label-free biosensors using photonic crystals embedded between crossed polarizers. Optics Express, 2010, 18, 19120.	3.4	65
49	All-polymer organic semiconductor laser chips:â€¨Parallel fabrication and encapsulation. Optics Express, 2010, 18, 24881.	3.4	44
50	Design for optimized coupling of organic semiconductor laser light into polymer waveguides for highly integrated biophotonic sensors. Microelectronic Engineering, 2009, 86, 1499-1501.	2.4	25
51	Polymer biophotonic lab-on-chip devices with integrated organic semiconductor lasers. Proceedings of SPIE, 2009, , .	0.8	3
52	Polymer biophotonic lab-on-a-chip with integrated organic semiconductor lasers. SPIE Newsroom, 2009, , .	0.1	1
53	Submicron-scale surface acoustic wave resonators fabricated by high aspect ratio X-ray lithography and aluminum lift-off. Microsystem Technologies, 2008, 14, 1715-1719.	2.0	4
54	Submicron polymer structures with X-ray lithography and hot embossing. Microsystem Technologies, 2008, 14, 1721-1725.	2.0	42

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55	Stiction issues and actuation of RF LIGA-MEMS variable capacitors. Microsystem Technologies, 2008, 14, 1709-1714.	2.0	4
56	A compound microfluidic device with integrated optical waveguides. , 2008, , .		12
57	X-ray lithography for devices with high aspect ratio polymer submicron structures. Microelectronic Engineering, 2007, 84, 1235-1239.	2.4	21
58	Process conditions in X-ray lithography for the fabrication of devices with sub-micron feature sizes. Microsystem Technologies, 2006, 13, 355-360.	2.0	20
59	Fabrication of RF MEMS variable capacitors by deep X-ray lithography and electroplating. Microsystem Technologies, 2006, 13, 343-347.	2.0	5
60	Process conditions for the fabrication of subwavelength scale structures by x-ray lithography in PMMA films. , 2004, , .		7