

Kristian TÅ,lbÅ,l SÅ,rensen

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

208
citations

1307594

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1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

412
citing authors

#	ARTICLE	IF	CITATIONS
1	asasim: Adaptive sampling for electromagnetic simulations. Computer Physics Communications, 2019, 236, 268-273.	7.5	2
2	Effects of water-absorption and thermal drift on a polymeric photonic crystal slab sensor. Optics Express, 2018, 26, 5416.	3.4	9
3	Enrichment of megabase-sized DNA molecules for single-molecule optical mapping and next-generation sequencing. Scientific Reports, 2017, 7, 17893.	3.3	5
4	Label-Free Monitoring of Diffusion in Microfluidics. Micromachines, 2017, 8, 329.	2.9	5
5	Optical manipulation with two beam traps in microfluidic polymer systems. , 2015, , .		0
6	Refractometric monitoring of dissolution and fluid flow with distributed feedback dye laser sensor. Optics Express, 2015, 23, 6562.	3.4	7
7	Automation of a single-DNA molecule stretching device. Review of Scientific Instruments, 2015, 86, 063702.	1.3	7
8	All-polymer photonic crystal slab sensor. Optics Express, 2015, 23, 16529.	3.4	30
9	Refractive index dispersion sensing using an array of photonic crystal resonant reflectors. Applied Physics Letters, 2015, 107, 061101.	3.3	11
10	Nanoimprinted Distributed Feedback Dye Laser Sensors for High Frame Rate Refractometric Imaging of Dissolution and Fluid Flow. , 2015, , .		0
11	Monolithic integration of DUV-induced waveguides into plastic microfluidic chip for optical manipulation. Microelectronic Engineering, 2014, 121, 5-9.	2.4	9
12	Propofol modulates the lipid phase transition and localizes near the headgroup of membranes. Chemistry and Physics of Lipids, 2013, 175-176, 84-91.	3.2	18
13	Defined DNA-Mediated Assemblies of Gene-Expressing Giant Unilamellar Vesicles. Langmuir, 2013, 29, 15309-15319.	3.5	42
14	Specific and reversible DNA-directed self-assembly of oil-in-water emulsion droplets. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 20320-20325.	7.1	63