

Kristian TÅ,lbÅ,l SÅ,rensen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3772333/publications.pdf>

Version: 2024-02-01

14
papers

208
citations

1307594

7
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

412
citing authors

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