

# Yunbo Guo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10952535/publications.pdf>

Version: 2024-02-01

14  
papers

436  
citations

1307594

7  
h-index

1588992

8  
g-index

14  
all docs

14  
docs citations

14  
times ranked

704  
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-Time Biomolecular Binding Detection Using a Sensitive Photonic Crystal Biosensor. <i>Analytical Chemistry</i> , 2010, 82, 5211-5218.	6.5	124
2	Optofluidic Fabry-Pérot cavity biosensor with integrated flow-through micro-/nanochannels. <i>Applied Physics Letters</i> , 2011, 98, .	3.3	67
3	Rapid, sensitive, and multiplexed on-chip optical sensors for micro-gas chromatography. <i>Lab on A Chip</i> , 2012, 12, 901.	6.0	62
4	Sensitive molecular binding assay using a photonic crystal structure in total internal reflection. <i>Optics Express</i> , 2008, 16, 11741.	3.4	60
5	Ultrasensitive Optofluidic Surface-Enhanced Raman Scattering Detection with Flow-through Multihole Capillaries. <i>ACS Nano</i> , 2012, 6, 381-388.	14.6	59
6	On-chip Fabry-Pérot interferometric sensors for micro-gas chromatography detection. <i>Sensors and Actuators B: Chemical</i> , 2011, 159, 60-65.	7.8	36
7	Broadband optical ultrasound sensor with a unique open-cavity structure. <i>Journal of Biomedical Optics</i> , 2011, 16, 017001.	2.6	17
8	Broad-band high-efficiency optoacoustic generation using a novel photonic crystal-metallic structure. , 2011, , .		7
9	Analysis of single nanoparticle detection by using 3-dimensionally confined optofluidic ring resonators. , 2010, , .		2
10	Real-time small molecule binding detection using a label-free photonic crystal biosensor. <i>Proceedings of SPIE</i> , 2010, , .	0.8	1
11	Real-time, Label-free Protein Binding Detection with a One Dimensional Photonic Crystal Sensor. , 2009, , .		1
12	All-fiber optofluidic biosensor. , 2011, , .		0
13	Label-free Measurement of DNA Oligomer Binding Using a Highly-sensitive Photonic Crystal Biosensor. , 2010, , .		0
14	Optoacoustic Sensor with a Unique Open-cavity Structure. , 2010, , .		0