

# Xinxin Guo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1018390/publications.pdf>

Version: 2024-02-01

11  
papers

196  
citations

1163117

8  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

229  
citing authors

#	ARTICLE	IF	CITATIONS
1	Noninvasive glucose detection in human skin using wavelength modulated differential laser photothermal radiometry. <i>Biomedical Optics Express</i> , 2012, 3, 3012.	2.9	42
2	Reconstruction of depth profiles of thermal conductivity of case hardened steels using a three-dimensional photothermal technique. <i>Journal of Applied Physics</i> , 2008, 104, .	2.5	29
3	Depolarization of light in turbid media: a scattering event resolved Monte Carlo study. <i>Applied Optics</i> , 2010, 49, 153.	2.1	25
4	Noninvasive in-vehicle alcohol detection with wavelength-modulated differential photothermal radiometry. <i>Biomedical Optics Express</i> , 2014, 5, 2333.	2.9	20
5	Wavelength-Modulated Differential Photoacoustic Spectroscopy (WM- $\Delta$ PAS) for noninvasive early cancer detection and tissue hypoxia monitoring. <i>Journal of Biophotonics</i> , 2016, 9, 388-395.	2.3	20
6	Laser photothermal radiometric instrumentation for fast in-line industrial steel hardness inspection and case depth measurements. <i>Applied Optics</i> , 2009, 48, C11.	2.1	17
7	Wavelength-modulated differential photothermal radiometry: Theory and experimental applications to glucose detection in water. <i>Physical Review E</i> , 2011, 84, 041917.	2.1	17
8	Applications of ultrasensitive wavelength- $\Delta$ modulated differential photothermal radiometry to noninvasive glucose detection in blood serum. <i>Journal of Biophotonics</i> , 2013, 6, 911-919.	2.3	9
9	Noninvasive in vivo glucose detection in human finger interstitial fluid using wavelength- $\Delta$ modulated differential photothermal radiometry. <i>Journal of Biophotonics</i> , 2019, 12, e201800441.	2.3	8
10	An absolute calibration method of an ethyl alcohol biosensor based on wavelength-modulated differential photothermal radiometry. <i>Review of Scientific Instruments</i> , 2015, 86, 115003.	1.3	5
11	Highly sensitive and specific noninvasive in-vivo alcohol detection using wavelength-modulated differential photothermal radiometry. <i>Biomedical Optics Express</i> , 2018, 9, 4638.	2.9	4