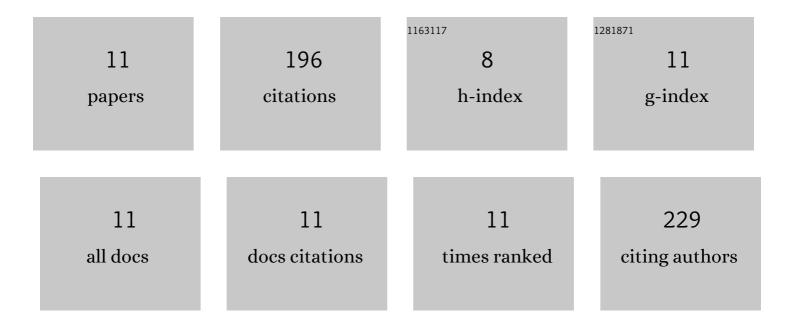
## Xinxin Guo

List of Publications by Year in descending order

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