

# Guang Han

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2069820/publications.pdf>

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17  
papers

93  
citations

1478505

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1474206

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g-index

17  
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17  
docs citations

17  
times ranked

74  
citing authors

#	ARTICLE	IF	CITATIONS
1	Method for improving the accuracy of fluorescence molecular tomography based on multi-wavelength concurrent reconstruction. Review of Scientific Instruments, 2022, 93, 044102.	1.3	1
2	Depression of auditory cortex excitability by transcranial alternating current stimulation. Neuroscience Letters, 2021, 742, 135559.	2.1	5
3	Noninvasive blood glucose sensing by near-infrared spectroscopy based on PLSR combines SAE deep neural network approach. Infrared Physics and Technology, 2021, 113, 103620.	2.9	19
4	Enhancement of signal-to-noise ratio for fluorescence endoscope image based on fast digital lock-in algorithm. Royal Society Open Science, 2021, 8, 200779.	2.4	3
5	A convolutional neural network algorithm for breast tumor detection with magnetic detection electrical impedance tomography. Review of Scientific Instruments, 2021, 92, 064701.	1.3	4
6	Optimization of source-detector separation for non-invasive regional cerebral blood flow sensing. Infrared Physics and Technology, 2021, 117, 103843.	2.9	4
7	Detection of glucose concentration in a turbid medium using a stacked auto-encoder deep neural network. Infrared Physics and Technology, 2020, 105, 103198.	2.9	7
8	Continuous monitoring method of cerebral subdural hematoma based on MRI guided DOT. Biomedical Optics Express, 2020, 11, 2964.	2.9	6
9	Optimization of Reconstruction Accuracy of Anomaly Position Based on Stacked Auto-Encoder Neural Networks. IEEE Access, 2019, 7, 116578-116584.	4.2	13
10	Optical parameters detection with multi-frequency modulation based on NIR DPDW. Infrared Physics and Technology, 2019, 97, 135-141.	2.9	4
11	Study on the cross-polarization method for extracting internal information of objects. Optik, 2019, 180, 433-441.	2.9	0
12	Study on polarization distribution characteristics of polarized light in scattering media. , 2019, , .		0
13	Preliminary Clinical Validation of a Differential Correction Method for Improving Measurement Accuracy in Noninvasive Measurement of Blood Glucose Using Near-Infrared Spectroscopy. Applied Spectroscopy, 2017, 71, 2177-2186.	2.2	10
14	Floating reference position-based correction method for near-infrared spectroscopy in long-term glucose concentration monitoring. Journal of Biomedical Optics, 2017, 22, 077001.	2.6	7
15	Determination of the reference position in the near-infrared non-invasive blood glucose measurement in vivo. , 2016, , .		0
16	Estimation of glucose absorption spectrum at its optimum pathlength for every wavelength over a wide range. Spectroscopy Letters, 2016, 49, 588-595.	1.0	9
17	Optimum source-detector separators for diffuse light in noninvasive tissue constituent sensing. , 2016, , .		1