Nisan Ozana

List of Publications by Year
in descending order

47 papers	305 citations	933447 10 h-index	888059 17 g-index
48 all docs	48 docs citations	48 times ranked	246 citing authors

#	Article	IF	Citations
1	Diffuse Correlation Spectroscopy Beyond the Water Peak Enabled by Cross-Correlation of the Signals From InGaAs/InP Single Photon Detectors. IEEE Transactions on Biomedical Engineering, 2022, 69, 1943-1953.	4.2	5
2	Functional Neuroimaging via Diffuse Correlation Spectroscopy at 1064nm. , 2022, , .		0
3	Ultra-fast remote photoacoustic imaging with a non-scanning speckle-based setup. OSA Continuum, 2021, 4, 1135.	1.8	3
4	Optical analysis of facial nerve degeneration in Bell's palsy. OSA Continuum, 2021, 4, 1155.	1.8	1
5	Perspective on remote photonic bio-sensing and diagnosis. Applied Physics Letters, 2021, 118, 240503.	3.3	0
6	Superconducting nanowire single-photon sensing of cerebral blood flow. Neurophotonics, 2021, 8, 035006.	3.3	30
7	Optimization of time domain diffuse correlation spectroscopy parameters for measuring brain blood flow. Neurophotonics, 2021, 8, 035005.	3.3	17
8	Remote photonic sensing of cerebral hemodynamic changes via temporal spatial analysis of acoustic vibrations. Journal of Biophotonics, 2020, 13, e201900201.	2.3	2
9	Reducing data acquisition for light-sheet microscopy by extrapolation between imaged planes. Journal of Biophotonics, 2020, 13, e202000035.	2.3	1
10	Diffuse correlation spectroscopy measurements of blood flow using 1064 nm light. Journal of Biomedical Optics, 2020, 25, .	2.6	50
11	Non-contact optical sensing of vocal fold vibrations by secondary speckle patterns. Optics Express, 2020, 28, 20040.	3.4	9
12	Photonic non-contact tomographic & volumetric tissue probing. , 2020, , .		0
13	Remote optical sensing of neuronal tissue vibrations during regeneration. , 2020, , .		1
14	Remote thermal sensing of tissues based upon analysis of time-changing back-scattered speckle patterns. , 2020, , .		0
15	Optical tissue probing: human skin hydration detection by speckle patterns analysis. Biomedical Optics Express, 2019, 10, 4874.	2.9	10
16	Non-contact photoacoustic imaging using laser speckle contrast analysis. Optics Letters, 2019, 44, 3110.	3.3	10
17	Elasticity and Depth Measurement using Both Secondary Speckle and Time Multiplexing Interference. , 2019, , .		0
18	RF Cross Section Imaging and Range Detection. , 2019, , .		0

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19	Improved Non-contact Optical Monitoring of Blood Pulsation in IR using Laser Speckle Contrast Analysis. , 2019, , .		0
20	Photoacoustic Pulse Width Measurement using Speckle Contrast Analysis. , 2019, , .		0
21	Bio-sensor based on multiclass support vector machine with a reject option. , 2019, , .		0
22	Speckle based sensing of chemicals by an acoustic excitation in aqueous solutions. , 2019, , .		0
23	Remote optical sensing in otolaryngology: middle ear effusion detection. Optics Express, 2018, 26, 16187.	3.4	5
24	Demonstration of a Speckle Based Sensing with Pulse-Doppler Radar for Vibration Detection. Sensors, 2018, 18, 1409.	3.8	3
25	Intraocular pressure remote photonic biomonitoring based on temporally encoded external sound wave stimulation. Journal of Biomedical Optics, 2018, 23, 1.	2.6	2
26	Remote photonic sensing of glucose concentration via analysis of time varied speckle patterns. Advanced Materials Letters, 2018, 9, 624-628.	0.6	4
27	Remote detection of Brillouin radial acoustic modes in an optical fiber using speckle-sensing. , 2018, , .		2
28	All Optical Real Time Method for Laser Speckle Pattern Tracking of Non-Contact Biomedical Parameters. , 2018, , .		0
29	Remote optical sensor for detection of middle ear effusion. , 2017, , .		1
30	An Optical Remote Sensor for Fingerprint Identification using Speckle Pattern. , 2017, , .		1
31	Laser Vibrometer Interferometry for Speckle Patterns Tracking Systems. , 2017, , .		0
32	Augmentative Alternative Communication using Eyelid Movement Remote Detection by Speckle Patterns Tracking System for Amyotrophic Lateral Sclerosis Disease. , 2017, , .		0
33	Remote optical stethoscope and optomyography sensing device. Proceedings of SPIE, 2017, , .	0.8	0
34	Nanostructures with periodic heating–cooling cycles for photoacoustic imaging using continuous-wave illumination. Journal of Nanophotonics, 2017, 12, 1.	1.0	0
35	Optical configuration of pigmented lesion detection by frequency analysis of skin speckle patterns. Biomedical Optics Express, 2016, 7, 1003.	2.9	10
36	Depth estimation of laser glass drilling based on optical differential measurements of acoustic response. Journal of Optics (United Kingdom), 2016, 18, 095402.	2.2	1

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37	Optical remote sensor for peanut kernel abortion classification. Applied Optics, 2016, 55, 4005.	2.1	8
38	Noncontact speckle-based optical sensor for detection of glucose concentration using magneto-optic effect. Journal of Biomedical Optics, 2016, 21, 065001.	2.6	19
39	Non-contact optical sensor for detection of glucose concentration using a magneto-optic effect. , 2016, , .		0
40	Remote optical configuration of pigmented lesion detection and diagnosis of bone fractures. , 2016, , .		4
41	Self periodically heated-cooled nanostructure for photoacoustic imaging with CW illumination. , 2016, , .		0
42	Time Multiplexed Pinholes Array based Imaging in the Gamma and X-ray Spectral Range. , 2016, , .		1
43	Photonic non-contact estimation of blood lactate level. Biomedical Optics Express, 2015, 6, 4144.	2.9	2
44	Demonstration of a Remote Optical Measurement Configuration That Correlates With Breathing, Heart Rate, Pulse Pressure, Blood Coagulation, and Blood Oxygenation. Proceedings of the IEEE, 2015, 103, 248-262.	21.3	36
45	Noncontact optical sensor for bone fracture diagnostics. Biomedical Optics Express, 2015, 6, 651.	2.9	15
46	Remote optical sensor of blood coagulation, oximetry and dehydration. , 2014, , .		0
47	Improved noncontact optical sensor for detection of glucose concentration and indication of dehydration level. Biomedical Optics Express, 2014, 5, 1926.	2.9	52