

Malay Ilesh Shah

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

203
citations

1464605

7
h-index

1762888

8
g-index

28
all docs

28
docs citations

28
times ranked

126
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of Carotid Arterial Stiffness in Community Settings With ARTSENSÂ®. IEEE Journal of Translational Engineering in Health and Medicine, 2021, 9, 1-11.	2.2	28
2	Development and Evaluation of a Quantitative Fluorescent Lateral Flow Immunoassay for Cystatin-C, a Renal Dysfunction Biomarker. Sensors, 2021, 21, 3178.	2.1	15
3	IQVision: An Image-Based Evaluation Tool for Quantitative Lateral Flow Immunoassay Kits. Biosensors, 2021, 11, 211.	2.3	4
4	An Image-Free Ultrasound Device for Simultaneous Measurement of Local and Regional Arterial Stiffness Indices. , 2021, , .		2
5	Gaussian-Mixture Modelling of A-Mode Radiofrequency Scans for the Measurement of Arterial Wall Thickness. , 2021, 2021, 5598-5601.		1
6	ARTSENS ^{Â®} Penâ€™ portable easy-to-use device for carotid stiffness measurement: technology validation and clinical-utility assessment. Biomedical Physics and Engineering Express, 2020, 6, 025013.	0.6	27
7	Image-based Tracking of Immunoassay Reaction Progress in Quantitative Lateral Flow Kits. , 2019, , .		1
8	Analytic Phase Based Approach for Arterial Diameter Evaluation Using A-Mode Ultrasound Frames. , 2019, , .		0
9	Arterial Stiffness in Elastic and Muscular Arteries: Measurement using ARTSENS Pen. , 2019, , .		1
10	A paper microfluidics-based fluorescent lateral flow immunoassay for point-of-care diagnostics of non-communicable diseases. Analyst, The, 2019, 144, 6291-6303.	1.7	19
11	A Motion Free Image Based TRF Reader for Quantitative Immunoassay. , 2019, , .		5
12	Multi-cartridge Fluorescence Reader for Quantitative Immunoassays. , 2019, 2019, 5447-5450.		0
13	A Portable Colorimetric Reader for Early and Rapid Diagnosis of Sepsis. , 2019, , .		0
14	An Improved System for Quantitative Immunoassay Measurement in ImageQuant. , 2018, , .		3
15	An In-Vivo Study on Intra-Day Variations in Vascular Stiffness using ARTSENS Pen. , 2018, 2018, 4575-4578.		0
16	Live Demonstration of ARTSENSÂ® Pen-An Image-Free Ultrasound Device for Automated Evaluation of Vascular Stiffness. , 2018, , .		0
17	Intelligent Pipetting System Towards Automatic Liquid Handling Applications. , 2018, , .		1
18	Arterial compliance probe for cuffless evaluation of carotid pulse pressure. PLoS ONE, 2018, 13, e0202480.	1.1	29

#	ARTICLE	IF	CITATIONS
19	Evaluation of Local Pulse Wave Velocity using an Image Free Ultrasound Technique. , 2018, , .		6
20	Measurement of Arterial Young's Elastic Modulus using ARTSENS Pen. , 2018, , .		0
21	An image-free ultrasound method to estimate artery wall thickness surrogate for screening. , 2017, , .		2
22	ImageQuant: An image-based quantitative Immunoassay Analyzer. , 2017, , .		4
23	PhoneQuant: A smartphone-based quantitative immunoassay analyser. , 2017, 2017, 4247-4250.		3
24	ARTSENSÂ® Pen: A portable, image-free device for automated evaluation of vascular stiffness. , 2016, , .		13
25	ARTSENSÂ® mobile: A portable image-free platform for automated evaluation of vascular stiffness. , 2016, 2016, 5204-5207.		0
26	Arterial compliance probe for calibration free pulse pressure measurement. , 2016, , .		9
27	Carotid and Jugular Classification in ARTSENS. IEEE Journal of Biomedical and Health Informatics, 2016, 20, 440-449.	3.9	15
28	An Imageless Ultrasound Device to Measure Local and Regional Arterial Stiffness. IEEE Transactions on Biomedical Circuits and Systems, 2016, 10, 200-208.	2.7	15