

Jong Yong A Foo

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

59
papers

736
citations

16
h-index

24
g-index

59
ext. papers

804
ext. citations

2.4
avg, IF

4.27
L-index

#	Paper	IF	Citations
59	Pulse transit time as an indirect marker for variations in cardiovascular related reactivity. <i>Technology and Health Care</i> , 2006 , 14, 97-108	1.1	58
58	A computational system to optimise noise rejection in photoplethysmography signals during motion or poor perfusion states. <i>Medical and Biological Engineering and Computing</i> , 2006 , 44, 140-5	3.1	55
57	Comparison of wavelet transformation and adaptive filtering in restoring artefact-induced time-related measurement. <i>Biomedical Signal Processing and Control</i> , 2006 , 1, 93-98	4.9	55
56	Phonocardiographic signal analysis method using a modified hidden Markov model. <i>Annals of Biomedical Engineering</i> , 2007 , 35, 367-74	4.7	51
55	Evaluation of blood pressure changes using vascular transit time. <i>Physiological Measurement</i> , 2006 , 27, 685-94	2.9	45
54	A retrospective analysis of the trend of retracted publications in the field of biomedical and life sciences. <i>Science and Engineering Ethics</i> , 2011 , 17, 459-68	3.1	28
53	Pulse transit time in paediatric respiratory sleep studies. <i>Medical Engineering and Physics</i> , 2007 , 29, 17-25.4	2.4	27
52	Use of pulse transit time to distinguish respiratory events from tidal breathing in sleeping children. <i>Chest</i> , 2005 , 128, 3013-9	5.3	27
51	Screening of obstructive and central apnoea/hypopnoea in children using variability: a preliminary study. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2006 , 95, 561-4	3.1	25
50	Pulse transit time as a derived noninvasive mean to monitor arterial distensibility changes in children. <i>Journal of Human Hypertension</i> , 2005 , 19, 723-9	2.6	24
49	Estimation of breathing interval from the photoplethysmographic signals in children. <i>Physiological Measurement</i> , 2005 , 26, 1049-58	2.9	24
48	Pulse transit time changes observed with different limb positions. <i>Physiological Measurement</i> , 2005 , 26, 1093-102	2.9	22
47	Variability in time delay between two models of pulse oximeters for deriving the photoplethysmographic signals. <i>Physiological Measurement</i> , 2005 , 26, 531-44	2.9	21
46	Predictive regression equations and clinical uses of peripheral pulse timing characteristics in children. <i>Physiological Measurement</i> , 2005 , 26, 317-28	2.9	21
45	Age-related factors that confound peripheral pulse timing characteristics in Caucasian children. <i>Journal of Human Hypertension</i> , 2005 , 19, 463-6	2.6	19
44	Pulse transit time as an indirect marker for variations in cardiovascular related reactivity. <i>Technology and Health Care</i> , 2006 , 14, 97-108	1.1	19
43	Impact of excessive journal self-citations: a case study on the Folia Phoniatica et Logopaedica journal. <i>Science and Engineering Ethics</i> , 2011 , 17, 65-73	3.1	16

42	Dual-channel photoplethysmography to monitor local changes in vascular stiffness. <i>Journal of Clinical Monitoring and Computing</i> , 2006 , 20, 221-7	2	14
41	Clinical applications of pulse transit time in paediatric critical care. <i>Journal of Medical Engineering and Technology</i> , 2009 , 33, 79-86	1.8	12
40	Pulse transit time ratio as a potential marker for paediatric crural and brachial blood pressure index. <i>Journal of Human Hypertension</i> , 2007 , 21, 415-7	2.6	11
39	An analysis on the research ethics cases managed by the Committee on Publication Ethics (COPE) between 1997 and 2010. <i>Science and Engineering Ethics</i> , 2012 , 18, 621-31	3.1	9
38	Use of Independent Component Analysis to Reduce Motion Artifact in Pulse Transit Time Measurement. <i>IEEE Signal Processing Letters</i> , 2008 , 15, 124-126	3.2	9
37	Biofluid mechanics of the human reproductive process: modelling of the complex interaction and pathway to the oocytes. <i>Zygote</i> , 2008 , 16, 343-54	1.6	8
36	Difference in pulse transit time between populations: a comparison between Caucasian and Chinese children in Australia. <i>Journal of Medical Engineering and Technology</i> , 2008 , 32, 162-6	1.8	8
35	Pulse transit time based on piezoelectric technique at the radial artery. <i>Journal of Clinical Monitoring and Computing</i> , 2006 , 20, 185-92	2	8
34	The retrospective analysis of bibliographical trends for nine biomedical engineering journals from 1999 to 2007. <i>Annals of Biomedical Engineering</i> , 2009 , 37, 1474-81	4.7	7
33	A study on journal self-citations and intra-citing within the subject category of multidisciplinary sciences. <i>Science and Engineering Ethics</i> , 2009 , 15, 491-501	3.1	7
32	Analysis and implications of retraction period and coauthorship of fraudulent publications. <i>Accountability in Research</i> , 2014 , 21, 198-210	1.9	6
31	Implications of a single highly cited article on a journal and its citation indexes: a tale of two journals. <i>Accountability in Research</i> , 2013 , 20, 93-106	1.9	6
30	A 9-year analysis of bibliographical trends for journals in the subject category of general and internal medicine. <i>Accountability in Research</i> , 2009 , 16, 127-52	1.9	6
29	Effect of bibliographical classification on the impact factor of science- and engineering-based journals. <i>Accountability in Research</i> , 2009 , 16, 1-12	1.9	6
28	Normalized peripheral transit time to monitor hypertension in children. <i>Journal of Medical Engineering and Technology</i> , 2008 , 32, 343-7	1.8	6
27	Measurement of pulse transit time using AT90S8535 microcontroller. <i>Measurement: Journal of the International Measurement Confederation</i> , 2006 , 39, 505-511	4.6	6
26	Development of a home screening system for pediatric respiratory sleep studies. <i>Telemedicine Journal and E-Health</i> , 2006 , 12, 698-701	5.9	6
25	Clinical applications and issues of oxygen saturation level measurements obtained from peripheral sites. <i>Journal of Medical Engineering and Technology</i> , 2013 , 37, 388-95	1.8	5

24	Photoplethysmographic assessment of hemodynamic variations using pulsatile tissue blood volume. <i>Angiology</i> , 2008 , 59, 745-52	2.1	5
23	Normality of upper and lower peripheral pulse transit time of normotensive and hypertensive children. <i>Journal of Clinical Monitoring and Computing</i> , 2007 , 21, 243-8	2	5
22	Factors that affect pulse wave time transmission in the monitoring of cardiovascular system. <i>Journal of Clinical Monitoring and Computing</i> , 2008 , 22, 141-7	2	5
21	Microchip system for monitoring microbial physiological behaviour under drug influences. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2009 , 223, 777-86	1.7	4
20	Use of the pulse transit time trend to relate tidal breathing and central respiratory events. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2008 , 222, 1005-11	1.7	4
19	A computational approach to predict pulse transit time variations during postural change. <i>Cardiovascular Engineering (Dordrecht, Netherlands)</i> , 2007 , 7, 121-6		4
18	Development of a temperature-controlled miniature enclosure for monitoring poor perfusion photoplethysmographic signals. <i>Physiological Measurement</i> , 2007 , 28, N67-75	2.9	4
17	Changes induced in the lower- and upper-limb pulse transit-time ratio during inspiratory resistive breathing. <i>Biomedizinische Technik</i> , 2007 , 52, 248-54	1.3	4
16	Physiologic parameters that affect pulse transit time difference between the upper and lower limbs in children. <i>Journal of Human Hypertension</i> , 2006 , 20, 221-3	2.6	4
15	Modelling of energy expended by free swimming spermatozoa in temperature-dependent viscous semen. <i>Journal of Medical Engineering and Technology</i> , 2010 , 34, 78-84	1.8	3
14	Effects of poorly perfused peripheries on derived transit time parameters of the lower and upper limbs. <i>Biomedizinische Technik</i> , 2008 , 53, 156-9	1.3	3
13	Bilateral transit time assessment of upper and lower limbs as a surrogate ankle brachial index marker. <i>Angiology</i> , 2008 , 59, 283-9	2.1	3
12	An investigation on pulse transit time in respiratory sleep studies for infants. <i>Journal of Medical Engineering and Technology</i> , 2008 , 32, 245-9	1.8	2
11	Study of pulse transit time oscillations during obstructive sleep apnoea by using a distributed model. <i>Journal of Biomechanics</i> , 2007 , 40, 3289-93	2.9	2
10	Investigation of pulse transit time characteristics during single and recurrent obstructive respiratory events. <i>Journal of Clinical Monitoring and Computing</i> , 2008 , 22, 327-32	2	2
9	Effect of ethnicity and growth on ratio-based transit time surrogate ankle-brachial index marker from a Chinese children's perception. <i>Acta Cardiologica</i> , 2008 , 63, 369-75	0.9	2
8	Ethics for Biomedical Engineers 2013 ,		1
7	A retrospective analysis of 10-year authorship trends in biomedical engineering journals. <i>Accountability in Research</i> , 2011 , 18, 91-101	1.9	1

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| 6 | Long-term tracking of microbial survivability and growth in a controlled environment. <i>Measurement Science and Technology</i> , 2008 , 19, 045803 | 2 | 1 |
| 5 | Limited Awareness of the Essences of Certification or Compliance Markings on Medical Devices. <i>Science and Engineering Ethics</i> , 2017 , 23, 653-661 | 3.1 | |
| 4 | Screening of obstructive and central apnoea/hypopnoea in children using variability: A preliminary study. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2007 , 95, 561-564 | 3.1 | |
| 3 | Ethical Practices and Engineering 2013 , 1-20 | | |
| 2 | Ethics and Biomedical Engineering Practice and Research: Origins of Principles and Consent 2013 , 21-35 | | |
| 1 | Whistle-Blowing: An Option or an Obligation? 2013 , 99-115 | | |