

Yutaka Fukuoka

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/603667/publications.pdf>

Version: 2024-02-01

59
papers

710
citations

567281

15
h-index

580821

25
g-index

60
all docs

60
docs citations

60
times ranked

977
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving contrast between gray and white matter of Logan graphical analysisâ€™ parametric images in positron emission tomography through least-squares cubic regression and principal component analysis. Biomedical Physics and Engineering Express, 2021, 7, 035003.	1.2	2
2	Relationship between Attention and Effect of Gaze or Auditory Stimulation on Directions of Postural Sway. IEEJ Transactions on Electronics, Information and Systems, 2021, 141, 520-524.	0.2	1
3	Application of correlated component analysis to dynamic PET time-activity curves denoising. , 2021, 2021, 3680-3683.		0
4	Changes in Autonomic Nervous System and Axillary Temperature Caused by Electric Potential Therapy. , 2020, 2020, 5198-5201.		1
5	A strategy to account for noise in the X-variable to reduce underestimation in Logan graphical analysis for quantifying receptor density in positron emission tomography. BMC Medical Imaging, 2020, 20, 15.	2.7	3
6	Derivation of NARX models by expanding activation functions in neural networks. IEEJ Transactions on Electrical and Electronic Engineering, 2019, 14, 1209-1218.	1.4	2
7	Machine Learning Approach for Predicting New Uses of Existing Drugs and Evaluation of Their Reliabilities. Methods in Molecular Biology, 2019, 1903, 269-279.	0.9	3
8	Timer for Pressure Ulcer Prevention. IEEJ Transactions on Electronics, Information and Systems, 2019, 139, 634-635.	0.2	0
9	Influence of Potential Therapy on Autonomic Nerve and Axillary Temperature. IEEJ Transactions on Electronics, Information and Systems, 2019, 139, 845-846.	0.2	4
10	Information Encoding Methods for a Balance Assist Device Using Vibrotactile Feedback. , 2018, 2018, 5606-5609.		0
11	Non-Contact Simultaneous Measurements of Electrocardiogram and Respiratory Movements Using Capacitive Sheet Electrodes. Advanced Biomedical Engineering, 2017, 6, 28-36.	0.6	23
12	Relationship between Stability of Subjective Straight Ahead and Effect of Gaze on Body Sway Direction Induced by Neck Dorsal Muscles Stimulation. IEEJ Transactions on Electronics, Information and Systems, 2017, 137, 579-583.	0.2	1
13	Downregulation of Plasma miR-215 in Chronic Myeloid Leukemia Patients with Successful Discontinuation of Imatinib. International Journal of Molecular Sciences, 2016, 17, 570.	4.1	31
14	Systemes analysis of interactions between microRNAs and genes in hepatocellular carcinoma. , 2013, 2013, 600-3.		0
15	Optokinetic stimulation can break Listing's law without induction of eye movement. Auris Nasus Larynx, 2013, 40, 343-347.	1.2	4
16	Concentric bipolar active electrode for noninvasive biopotential measurement in autonomic nervous system. , 2013, , .		0
17	Development of a Compact Wireless Laplacian Electrode Module for Electromyograms and Its Human Interface Applications. Sensors, 2013, 13, 2368-2383.	3.8	12
18	A two-step drug repositioning method based on a protein-protein interaction network of genes shared by two diseases and the similarity of drugs. Bioinformation, 2013, 9, 89-93.	0.5	27

#	ARTICLE	IF	CITATIONS
19	Loss of NKX3-1 as a potential marker for an increased risk of occult lymph node metastasis and poor prognosis in oral squamous cell carcinoma. <i>International Journal of Oncology</i> , 2012, 40, 1907-14.	3.3	13
20	Identification of pathogenesis-related microRNAs in hepatocellular carcinoma by expression profiling. <i>Oncology Letters</i> , 2012, 4, 817-823.	1.8	65
21	Temporal change in IL-6 mRNA and protein expression produced by cyclic stretching of human pulmonary artery endothelial cells. <i>International Journal of Molecular Medicine</i> , 2012, 30, 509-513.	4.0	6
22	Time course of the recovery of three-dimensional eye position in patients with acute cerebellitis. <i>Auris Nasus Larynx</i> , 2012, 39, 540-543.	1.2	6
23	Systems analysis of inflammatory bowel disease based on comprehensive gene information. <i>BMC Medical Genetics</i> , 2012, 13, 25.	2.1	8
24	Underwater Electromyographic Measurement Using a Waterproof Insulated Electrode. <i>Advanced Biomedical Engineering</i> , 2012, 1, 81-88.	0.6	12
25	Genome-wide integrative analysis revealed a correlation between lengths of copy number segments and corresponding gene expression profile. <i>Bioinformatics</i> , 2011, 7, 280-284.	0.5	3
26	Adaptive thresholds to detect differentially expressed genes in microarray data. <i>Bioinformatics</i> , 2011, 7, 33-37.	0.5	2
27	Postural stability during visual stimulation and the contribution from the vestibular apparatus. <i>Acta Oto-Laryngologica</i> , 2010, 130, 464-471.	0.9	11
28	Adaptive threshold for detecting differentially expressed genes in microarray data - a simulation study to investigate its performance. , 2010, 2010, 5516-9.		1
29	Effects of cyclic stretch on early response gene expressions in normal human pulmonary artery endothelial cells in vitro. , 2010, , .		0
30	Genome-wide DNA methylation analysis in tumor and normal tissues from lung squamous cell carcinoma and serous cystadenocarcinoma. , 2010, , .		0
31	Method for guiding the ablation catheter to the ablation site: a simulation and experimental study. <i>Medical and Biological Engineering and Computing</i> , 2009, 47, 267-278.	2.8	8
32	Stability of the human upright stance depending on the frequency of external disturbances. <i>Medical and Biological Engineering and Computing</i> , 2008, 46, 213-221.	2.8	21
33	Adaptive threshold to detect biologically meaningful changes in microarray data. , 2008, 2008, 5708-11.		1
34	Evidence of spatially bound gene regulation in <i>Mus musculus</i> : Decreased gene expression proximal to microRNA genomic location. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 5020-5025.	7.1	2
35	Cross-coupling in a body-translating reaction: interaural optokinetic stimulation reflects a gravitational cue. <i>Acta Oto-Laryngologica</i> , 2007, 127, 273-279.	0.9	4
36	Sensory Stimulation Triggers Spindles During Sleep Stage 2. <i>Sleep</i> , 2007, 30, 511-518.	1.1	26

#	ARTICLE	IF	CITATIONS
37	Range of motion measurement of an artificial hip joint using CT images. <i>Medical and Biological Engineering and Computing</i> , 2007, 45, 1229-1235.	2.8	13
38	A New Implementation Method of the Reverse Engineering Algorithm to Elucidate Gene Functional Dependencies. <i>IEEJ Transactions on Electronics, Information and Systems</i> , 2007, 127, 1712-1718.	0.2	0
39	Effect of Gaze and Auditory Stimulation on Body Sway Direction during Standing. <i>IEEJ Transactions on Electronics, Information and Systems</i> , 2007, 127, 1800-1805.	0.2	5
40	Lower expression of genes near microRNA in <i>C. elegans</i> germline. <i>BMC Bioinformatics</i> , 2006, 7, 112.	2.6	6
41	Applicability of the Single Equivalent Moving Dipole Model in an Infinite Homogeneous Medium to Identify Cardiac Electrical Sources: A Computer Simulation Study in a Realistic Anatomic Geometry Torso Model. <i>IEEE Transactions on Biomedical Engineering</i> , 2006, 53, 2436-2444.	4.2	17
42	Human standing posture control system depending on adopted strategies. <i>Medical and Biological Engineering and Computing</i> , 2005, 43, 107-114.	2.8	39
43	Time course analysis of angular control of the body and head while rising from a chair. <i>Acta Oto-Laryngologica</i> , 2004, 124, 798-802.	0.9	0
44	Inter-species differences of co-expression of neighboring genes in eukaryotic genomes. <i>BMC Genomics</i> , 2004, 5, 4.	2.8	82
45	Pose estimation of artificial hip joint using a single radiographic projection. <i>Medical and Biological Engineering and Computing</i> , 2003, 41, 94-100.	2.8	3
46	Determination of the position and orientation of artificial knee implants using markers embedded in a bone: preliminary in vitro experiments. <i>Medical Engineering and Physics</i> , 2003, 25, 419-424.	1.7	6
47	Contribution of the Vestibular Apparatus to Postural Control when Rising from a Chair. <i>Acta Oto-Laryngologica</i> , 2003, 123, 1054-1059.	0.9	2
48	Accurate in vivo measurement of polyethylene wear in total knee arthroplasty. <i>Journal of Arthroplasty</i> , 2002, 17, 490-496.	3.1	20
49	Characteristics of somatosensory feedback in postural control during standing. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2001, 9, 145-153.	4.9	33
50	Chronic stress evaluation using neural networks. <i>IEEE Engineering in Medicine and Biology Magazine</i> , 2000, 19, 34-38.	0.8	8
51	A simple radiographic measurement method for polyethylene wear in total knee arthroplasty. <i>IEEE Transactions on Rehabilitation Engineering: A Publication of the IEEE Engineering in Medicine and Biology Society</i> , 1999, 7, 228-233.	1.4	33
52	Characteristics of visual feedback in postural control during standing. <i>IEEE Transactions on Rehabilitation Engineering: A Publication of the IEEE Engineering in Medicine and Biology Society</i> , 1999, 7, 427-434.	1.4	21
53	A modified back-propagation method to avoid false local minima. <i>Neural Networks</i> , 1998, 11, 1059-1072.	5.9	55
54	Analysis of the posture control system under fixed and sway-referenced support conditions. <i>IEEE Transactions on Biomedical Engineering</i> , 1997, 44, 331-336.	4.2	55

#	ARTICLE	IF	CITATIONS
55	Nonlinearity identified by neural network models in P _{CO2} control system in humans. Medical and Biological Engineering and Computing, 1997, 35, 33-39.	2.8	1
56	Spectral Broadening Error Caused by the Specularly Reflected Beams from Channel Wall in Laser Doppler Velocimetry. Japanese Journal of Applied Physics, 1990, 29, 1209-1214.	1.5	4
57	Spiral optical frequency shifter for lower velocity measurement of the laser Doppler velocimeter. Review of Scientific Instruments, 1989, 60, 508-510.	1.3	1
58	Velocity and moving angle measurements of solid surfaces by simple velocimetry. Review of Scientific Instruments, 1988, 59, 993-995.	1.3	0
59	A catheter guiding method for ablative therapy of cardiac arrhythmias by application of an inverse solution to body surface electrocardiographic signals. , 0, , .		3