Naomi Yagi

List of Publications by Year
in descending order

43 papers	236 citations	1478505 6 h-index	1125743 13 g-index
43 all docs	43 docs citations	43 times ranked	196 citing authors

#	Article	IF	Citations
1	Inappropriate Timing of Swallow in the Respiratory Cycle Causes Breathing–Swallowing Discoordination. Frontiers in Physiology, 2017, 8, 676.	2.8	46
2	Breathing–swallowing discoordination is associated with frequent exacerbations of COPD. BMJ Open Respiratory Research, 2017, 4, e000202.	3.0	38
3	A noninvasive swallowing measurement system using a combination of respiratory flow, swallowing sound, and laryngeal motion. Medical and Biological Engineering and Computing, 2017, 55, 1001-1017.	2.8	32
4	Detecting pelvic fracture on 3D-CT using deep convolutional neural networks with multi-orientated slab images. Scientific Reports, 2021, 11, 11716.	3.3	18
5	Using Machine Learning and a Combination of Respiratory Flow, Laryngeal Motion, and Swallowing Sounds to Classify Safe and Unsafe Swallowing. IEEE Transactions on Biomedical Engineering, 2018, 65, 2529-2541.	4.2	11
6	<p>Breathing–Swallowing Discoordination and Inefficiency of an Airway Protective Mechanism Puts Patients at Risk of COPD Exacerbation</p>. International Journal of COPD, 2020, Volume 15, 1689-1696.	2.3	9
7	Abdominal Organ Area Segmentation using U-Net for Cancer Radiotherapy Support. , 2019, , .		7
8	An automated fracture detection from pelvic CT images with 3-D convolutional neural networks. , 2020, , .		7
9	Automatic Teeth Recognition in Dental X-Ray Images Using Transfer Learning Based Faster R-CNN. , 2020, , .		7
10	Stem Cell Quantity Determination in Artificial Culture Bone by Ultrasonic Testing. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2014, E97.A, 913-922.	0.3	6
11	Data synthesis for trans-skull brain imaging by 0.5 and 1.0MHz ultrasonic array systems. , 2010, , .		5
12	Trans-skull brain imaging by image registration of 0.5 and 1.0 MHz waves. , 2011, , .		5
13	Finger Joint Detection Method in Hand X-ray Radiograph Images Using Statistical Shape Model and Support Vector Machine. , 2020, , .		5
14	Noninvasive Diagnosis of Blood Flow for Transcranial Doppler Ultrasonography. International Journal of Intelligent Computing in Medical Sciences and Image Processing, 2013, 5, 67-79.	0.5	4
15	Artificial humeral head modeling using Kmeans++ clustering and PCA. , 2020, , .		3
16	Ultrasound Frequency-Based Monitoring for Bone Healing. Tissue Engineering - Part C: Methods, 2021, 27, 349-356.	2.1	3
17	Automatic Teeth Recognition Method from Dental Panoramic Images Using Faster R-CNN and Prior Knowledge Model. , 2020, , .		3
18	Soft computing approaches to identify cellular quantity of artificial culture bone. , 2010, , .		2

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19	Human brain ultrasound-mediated diagnosis in emergency medicine and home health care. , 2012, , .		2
20	Swallow-monitoring system with acoustic analysis for dysphagia. , 2014, , .		2
21	Surgical Phase Recognition Method with a Sequential Consistency for CAOS-AI Navigation System. , 2020, , .		2
22	Relationship between Singing Experience and Laryngeal Movement Obtained by DeepLabCut. , 2021, , .		2
23	YURAGI Synthesis for Ultrasonic Human Brain Imaging. Journal of Advanced Computational Intelligence and Intelligent Informatics, 2013, 17, 74-82.	0.9	2
24	Ultrasonic Diagnosis for Bone Fracture Healing Process. , 2020, , .		2
25	Joint Position Registration between OpenPose and Motion Analysis for Rehabilitation. , 2020, , .		2
26	Singing Experience Influences RSST Scores. Healthcare (Switzerland), 2022, 10, 377.	2.0	2
27	Boring Survey Based Fracture Detection (BSFD) for Fragility Fracture of the Pelvis in CT Images. , 2021, , .		2
28	Fuzzy Support System for Total Hip Arthroplasty Stem by Ultrasonic Intraoperative Measurement. Advances in Fuzzy Systems, 2012, 2012, 1-8.	0.9	1
29	Noninvasive cellular quantity measurement in Bone Marrow Stromal Cells/ Beta-tricalcium phosphate. , 2013, 2013, 2048-51.		1
30	Ultrasonic Frequency Response Analysis for Quantitative Measurements in Bone Marrow Stromal Cells. , 2013, , .		1
31	A Quantification Approach of Uterine Peristalsis Propagated From the Cervix and the Fundus. , 2019, , .		1
32	Ultrasonic Mobile Smart Technology for Healthcare. Advances in Intelligent Systems and Computing, 2014, , 137-146.	0.6	1
33	Surgical Phase Recognition with Wearable Video Camera for Computer-aided Orthopaedic Surgery-AI Navigation System. International Journal of Affective Engineering, 2020, 19, 137-143.	0.5	1
34	Swallowing Dynamics and Breathing-Swallowing Coordination Are Altered in Patients with Mild Cognitive Impairment. Dementia and Geriatric Cognitive Disorders, 2021, 50, 554-558.	1.5	1
35	Fuzzy RASP determination by 1kHz ultrasonic probe for total hip arthroplasty. , 2011, , .		0
36	Estimation system for total hip arthroplasty by acoustic signal. , 2011, , .		0

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37	Trans-skull ultrasonic Doppler system aided by fuzzy logic. , 2012, , .		0
38	A knowledge-based approach to identify aspiration by fuzzy logic. , 2014, , .		0
39	Investigation on swallowing disorder in biometrie data measurement. , 2017, , .		0
40	Ultrasonic Image Registration for Multi-Frequency Analysis. Open Journal of Acoustics, 2013, 03, 1-8.	0.3	0
41	Ultrasonic-Assisted Technique on Low Anterior Resection. Journal of Japan Society for Fuzzy Theory and Intelligent Informatics, 2014, 26, 728-735.	0.0	0
42	Breathing-swallowing discoordination associated with frequent exacerbation of COPD. , 2017, , .		0
43	On Degree of Bone Healing for Bone Fracture Treatment by Ultrasonic Wave. , 2021, , .		0