

Muhammad Farooq

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

740
citations

840119

11
h-index

1125271

13
g-index

22
all docs

22
docs citations

22
times ranked

629
citing authors

#	ARTICLE	IF	CITATIONS
1	Automatic Ingestion Monitor: A Novel Wearable Device for Monitoring of Ingestive Behavior. IEEE Transactions on Biomedical Engineering, 2014, 61, 1772-1779.	2.5	166
2	A Novel Wearable Device for Food Intake and Physical Activity Recognition. Sensors, 2016, 16, 1067.	2.1	99
3	A novel approach for food intake detection using electroglottography. Physiological Measurement, 2014, 35, 739-751.	1.2	77
4	Accelerometer-Based Detection of Food Intake in Free-Living Individuals. IEEE Sensors Journal, 2018, 18, 3752-3758.	2.4	52
5	Automatic Measurement of Chew Count and Chewing Rate during Food Intake. Electronics (Switzerland), 2016, 5, 62.	1.8	45
6	Segmentation and Characterization of Chewing Bouts by Monitoring Temporalis Muscle Using Smart Glasses With Piezoelectric Sensor. IEEE Journal of Biomedical and Health Informatics, 2017, 21, 1495-1503.	3.9	38
7	Validation of Sensor-Based Food Intake Detection by Multicamera Video Observation in an Unconstrained Environment. Nutrients, 2019, 11, 609.	1.7	37
8	Meal Microstructure Characterization from Sensor-Based Food Intake Detection. Frontiers in Nutrition, 2017, 4, 31.	1.6	36
9	Detection of chewing from piezoelectric film sensor signals using ensemble classifiers. , 2016, 2016, 4929-4932.		26
10	Estimation of feature importance for food intake detection based on Random Forests classification. , 2013, 2013, 6756-9.		24
11	Comparative testing of piezoelectric and printed strain sensors in characterization of chewing. , 2015, 2015, 7538-41.		19
12	Monitoring of Infant Feeding Behavior Using a Jaw Motion Sensor. Journal of Healthcare Engineering, 2015, 6, 23-40.	1.1	19
13	Feature Extraction Using Deep Learning for Food Type Recognition. Lecture Notes in Computer Science, 2017, , 464-472.	1.0	19
14	Reduction of energy intake using just-in-time feedback from a wearable sensor system. Obesity, 2017, 25, 676-681.	1.5	17
15	A Comparative Study of Food Intake Detection Using Artificial Neural Network and Support Vector Machine. , 2013, , .		16
16	Statistical models for meal-level estimation of mass and energy intake using features derived from video observation and a chewing sensor. Scientific Reports, 2019, 9, 45.	1.6	12
17	Real time monitoring and recognition of eating and physical activity with a wearable device connected to the eyeglass. , 2017, , .		11
18	A wireless sensor system for quantification of infant feeding behavior. , 2015, , .		9

#	ARTICLE	IF	CITATIONS
19	Linear regression models for chew count estimation from piezoelectric sensor signals. , 2016, , .		7
20	Real Time Object Tracking in a Video Sequence Using a Fixed Point DSP. Lecture Notes in Computer Science, 2008, , 879-888.	1.0	4
21	Detection and characterization of food intake by wearable sensors. , 2021, , 541-574.		4
22	Real time image registration based on feature tracking using a Digital Signal Processor. , 2010, , .		3