

Vasileios Papapanagiotou

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

270
citations

1307594

7
h-index

1125743

13
g-index

28
all docs

28
docs citations

28
times ranked

235
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel Chewing Detection System Based on PPG, Audio, and Accelerometry. IEEE Journal of Biomedical and Health Informatics, 2017, 21, 607-618.	6.3	61
2	Chewing detection from an in-ear microphone using convolutional neural networks. , 2017, 2017, 1258-1261.		21
3	Control of Eating Behavior Using a Novel Feedback System. Journal of Visualized Experiments, 2018, , .	0.3	20
4	The SPLENDID Eating Detection Sensor: Development and Feasibility Study. JMIR MHealth and UHealth, 2018, 6, e170.	3.7	20
5	Automatic Analysis of Food Intake and Meal Microstructure Based on Continuous Weight Measurements. IEEE Journal of Biomedical and Health Informatics, 2019, 23, 893-902.	6.3	16
6	Objective measures of eating behaviour in a Swedish high school. Behaviour and Information Technology, 2017, 36, 1005-1013.	4.0	15
7	A novel approach for chewing detection based on a wearable PPG sensor. , 2016, 2016, 6485-6488.		13
8	Fast Eating Is Associated with Increased BMI among High-School Students. Nutrients, 2021, 13, 880.	4.1	12
9	A parametric Probabilistic Context-Free Grammar for food intake analysis based on continuous meal weight measurements. , 2015, 2015, 7853-6.		11
10	A methodology for obtaining objective measurements of population obesogenic behaviors in relation to the environment. Statistical Journal of the IAOS, 2019, 35, 677-690.	0.4	10
11	Exploring Associations Between Children's Obesogenic Behaviors and the Local Environment Using Big Data: Development and Evaluation of the Obesity Prevention Dashboard. JMIR MHealth and UHealth, 2021, 9, e26290.	3.7	9
12	A smartphone application for semi-controlled collection of objective eating behavior data from multiple subjects. Computer Methods and Programs in Biomedicine, 2020, 194, 105485.	4.7	9
13	BigO: A public health decision support system for measuring obesogenic behaviors of children in relation to their local environment. , 2020, 2020, 5864-5867.		8
14	Improving Concept-Based Image Retrieval with Training Weights Computed from Tags. ACM Transactions on Multimedia Computing, Communications and Applications, 2016, 12, 1-22.	4.3	7
15	Automated Extraction of Food Intake Indicators from Continuous Meal Weight Measurements. Lecture Notes in Computer Science, 2015, , 35-46.	1.3	7
16	Inferring the Spatial Distribution of Physical Activity in Children Population from Characteristics of the Environment. , 2020, 2020, 5876-5879.		5
17	The SPLENDID chewing detection challenge. , 2017, 2017, 817-820.		4
18	Self-Supervised Feature Learning of 1D Convolutional Neural Networks with Contrastive Loss for Eating Detection Using an In-Ear Microphone. , 2021, 2021, 7186-7189.		4

#	ARTICLE	IF	CITATIONS
19	Predicting Real-Life Eating Behaviours Using Single School Lunches in Adolescents. <i>Nutrients</i> , 2019, 11, 672.	4.1	2
20	Collecting big behavioral data for measuring behavior against obesity. , 2020, 2020, 5296-5299.		2
21	Developing a Novel Citizen-Scientist Smartphone App for Collecting Behavioral and Affective Data from Children Populations. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2020, , 294-302.	0.3	2
22	Building Parsimonious SVM Models for Chewing Detection and Adapting Them to the User. <i>Lecture Notes in Computer Science</i> , 2017, , 403-410.	1.3	2
23	Recognition of Food-Texture Attributes Using an In-Ear Microphone. <i>Lecture Notes in Computer Science</i> , 2021, , 558-570.	1.3	1
24	Bite-Weight Estimation Using Commercial Ear Buds. , 2021, 2021, 7182-7185.		1
25	Intake monitoring in free-living conditions: Overview and lessons we have learned. <i>Appetite</i> , 2022, 176, 106096.	3.7	1