

# Panagiotis D. Bamidis

## List of Publications by Citations

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293  
papers

3,698  
citations

29  
h-index

51  
g-index

389  
ext. papers

4,673  
ext. citations

2.8  
avg, IF

5.54  
L-index

#	Paper	IF	Citations
293	A review of physical and cognitive interventions in aging. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2014</b> , 44, 206-20	9	216
292	Are females more responsive to emotional stimuli? A neurophysiological study across arousal and valence dimensions. <i>Brain Topography</i> , <b>2010</b> , 23, 27-40	4.3	192
291	Monitoring sleepiness with on-board electrophysiological recordings for preventing sleep-deprived traffic accidents. <i>Clinical Neurophysiology</i> , <b>2007</b> , 118, 1906-22	4.3	189
290	Toward emotion aware computing: an integrated approach using multichannel neurophysiological recordings and affective visual stimuli. <i>IEEE Transactions on Information Technology in Biomedicine</i> , <b>2010</b> , 14, 589-97		139
289	The impact of occupational stress on nurses' caring behaviors and their health related quality of life. <i>BMC Nursing</i> , <b>2016</b> , 15, 56	3.2	127
288	On the classification of emotional biosignals evoked while viewing affective pictures: an integrated data-mining-based approach for healthcare applications. <i>IEEE Transactions on Information Technology in Biomedicine</i> , <b>2010</b> , 14, 309-18		105
287	Gains in cognition through combined cognitive and physical training: the role of training dosage and severity of neurocognitive disorder. <i>Frontiers in Aging Neuroscience</i> , <b>2015</b> , 7, 152	5.3	102
286	REG-ICA: A hybrid methodology combining Blind Source Separation and regression techniques for the rejection of ocular artifacts. <i>Biomedical Signal Processing and Control</i> , <b>2011</b> , 6, 291-300	4.9	96
285	Consensus on the reporting and experimental design of clinical and cognitive-behavioural neurofeedback studies (CRED-nf checklist). <i>Brain</i> , <b>2020</b> , 143, 1674-1685	11.2	93
284	Design, Implementation, and Wide Pilot Deployment of FitForAll: An Easy to use Exergaming Platform Improving Physical Fitness and Life Quality of Senior Citizens. <i>IEEE Journal of Biomedical and Health Informatics</i> , <b>2016</b> , 20, 189-200	7.2	69
283	Functional disorganization of small-world brain networks in mild Alzheimer's Disease and amnesic Mild Cognitive Impairment: an EEG study using Relative Wavelet Entropy (RWE). <i>Frontiers in Aging Neuroscience</i> , <b>2014</b> , 6, 224	5.3	68
282	Effects of imagery training on cognitive performance and use of physiological measures as an assessment tool of mental effort. <i>Brain and Cognition</i> , <b>2007</b> , 64, 74-85	2.7	56
281	Magnetic field tomography of cortical and deep processes: examples of "real-time mapping" of averaged and single trial MEG signals. <i>International Journal of Psychophysiology</i> , <b>1995</b> , 20, 161-75	2.9	54
280	Mobile and wearable technologies in healthcare for the ageing population. <i>Computer Methods and Programs in Biomedicine</i> , <b>2018</b> , 161, 233-237	6.9	53
279	Neuroplastic effects of combined computerized physical and cognitive training in elderly individuals at risk for dementia: an eLORETA controlled study on resting states. <i>Neural Plasticity</i> , <b>2015</b> , 2015, 172192	3.3	48
278	The effects of a computer-based cognitive and physical training program in a healthy and mildly cognitive impaired aging sample. <i>Aging and Mental Health</i> , <b>2014</b> , 18, 838-46	3.5	47
277	The effect of hypobaric hypoxia on multichannel EEG signal complexity. <i>Clinical Neurophysiology</i> , <b>2007</b> , 118, 31-52	4.3	46

276	Indicators of sleepiness in an ambulatory EEG study of night driving. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , <b>2006</b> , 2006, 6201-4		40
275	Cognitive and physical training for the elderly: evaluating outcome efficacy by means of neurophysiological synchronization. <i>International Journal of Psychophysiology</i> , <b>2014</b> , 93, 1-11	2.9	38
274	A decision-support framework for promoting independent living and ageing well. <i>IEEE Journal of Biomedical and Health Informatics</i> , <b>2015</b> , 19, 199-209	7.2	36
273	Exploring design requirements for repurposing dental virtual patients from the web to second life: a focus group study. <i>Journal of Medical Internet Research</i> , <b>2014</b> , 16, e151	7.6	34
272	A framework combining delta Event-Related Oscillations (EROs) and Synchronisation Effects (ERD/ERS) to study emotional processing. <i>Computational Intelligence and Neuroscience</i> , <b>2009</b> , 549419	3	33
271	Eye Blink Rate as a biological marker of Mild Cognitive Impairment. <i>International Journal of Psychophysiology</i> , <b>2014</b> , 93, 12-6	2.9	32
270	Beta-Band Functional Connectivity is Reorganized in Mild Cognitive Impairment after Combined Computerized Physical and Cognitive Training. <i>Frontiers in Neuroscience</i> , <b>2016</b> , 10, 55	5.1	32
269	Using affective avatars and rich multimedia content for education of children with autism <b>2009</b> ,		31
268	A semi-simulated EEG/EOG dataset for the comparison of EOG artifact rejection techniques. <i>Data in Brief</i> , <b>2016</b> , 8, 1004-6	1.2	31
267	A lightweight framework for transparent cross platform communication of controller data in ambient assisted living environments. <i>Information Sciences</i> , <b>2015</b> , 300, 124-139	7.7	30
266	Amygdala responses to Valence and its interaction by arousal revealed by MEG. <i>International Journal of Psychophysiology</i> , <b>2014</b> , 93, 121-33	2.9	29
265	Moving Real Exergaming Engines on the Web: The webFitForAll Case Study in an Active and Healthy Ageing Living Lab Environment. <i>IEEE Journal of Biomedical and Health Informatics</i> , <b>2017</b> , 21, 859-866	7.2	28
264	Musical expertise is related to altered functional connectivity during audiovisual integration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 12522-7	11.5	26
263	Investigating the Role of Alpha and Beta Rhythms in Functional Motor Networks. <i>Neuroscience</i> , <b>2018</b> , 378, 54-70	3.9	26
262	Distinct cerebellar lobules process arousal, valence and their interaction in parallel following a temporal hierarchy. <i>NeuroImage</i> , <b>2015</b> , 110, 149-61	7.9	26
261	Internet addiction in Greek medical students: an online survey. <i>Academic Psychiatry</i> , <b>2015</b> , 39, 300-4	1.1	25
260	Alcohol affects the brain's resting-state network in social drinkers. <i>PLoS ONE</i> , <b>2012</b> , 7, e48641	3.7	25
259	A Systematic Review of Investigations into Functional Brain Connectivity Following Spinal Cord Injury. <i>Frontiers in Human Neuroscience</i> , <b>2017</b> , 11, 517	3.3	24

258	A Graph theoretical approach to study the organization of the cortical networks during different mathematical tasks. <i>PLoS ONE</i> , <b>2013</b> , 8, e71800	3.7	24
257	A Virtual Emergency Telemedicine Serious Game in Medical Training: A Quantitative, Professional Feedback-Informed Evaluation Study. <i>Journal of Medical Internet Research</i> , <b>2015</b> , 17, e150	7.6	24
256	Functional Re-organization of Cortical Networks of Senior Citizens After a 24-Week Traditional Dance Program. <i>Frontiers in Aging Neuroscience</i> , <b>2018</b> , 10, 422	5.3	24
255	Real time emotion aware applications: a case study employing emotion evocative pictures and neuro-physiological sensing enhanced by Graphic Processor Units. <i>Computer Methods and Programs in Biomedicine</i> , <b>2012</b> , 107, 16-27	6.9	23
254	The role of taxonomies in social media and the semantic web for health education. A study of SNOMED CT terms in YouTube health video tags. <i>Methods of Information in Medicine</i> , <b>2013</b> , 52, 168-79	1.5	23
253	Affective computing in the era of contemporary neurophysiology and health informatics. <i>Interacting With Computers</i> , <b>2004</b> , 16, 715-721	1.6	23
252	Activation sequence of discrete brain areas during cognitive processes: results from magnetic field tomography. <i>Electroencephalography and Clinical Neurophysiology</i> , <b>1994</b> , 91, 399-402		23
251	Towards Rehabilitation Robotics: Off-the-Shelf BCI Control of Anthropomorphic Robotic Arms. <i>BioMed Research International</i> , <b>2017</b> , 2017, 5708937	3	22
250	How does the metric choice affect brain functional connectivity networks?. <i>Biomedical Signal Processing and Control</i> , <b>2012</b> , 7, 228-236	4.9	22
249	Effects of mental workload and caffeine on catecholamines and blood pressure compared to performance variations. <i>Brain and Cognition</i> , <b>2003</b> , 51, 143-54	2.7	22
248	Decoding Motor Imagery through Common Spatial Pattern Filters at the EEG Source Space. <i>Computational Intelligence and Neuroscience</i> , <b>2018</b> , 2018, 7957408	3	22
247	ERP measures of math anxiety: how math anxiety affects working memory and mental calculation tasks?. <i>Frontiers in Behavioral Neuroscience</i> , <b>2015</b> , 9, 282	3.5	21
246	Achieving Accurate Automatic Sleep Staging on Manually Pre-processed EEG Data Through Synchronization Feature Extraction and Graph Metrics. <i>Frontiers in Human Neuroscience</i> , <b>2018</b> , 12, 110	3.3	20
245	KnowBaSICS-M: an ontology-based system for semantic management of medical problems and computerised algorithmic solutions. <i>Computer Methods and Programs in Biomedicine</i> , <b>2007</b> , 88, 39-51	6.9	20
244	Virtual patients on the semantic Web: a proof-of-application study. <i>Journal of Medical Internet Research</i> , <b>2015</b> , 17, e16	7.6	20
243	Geriatric depression symptoms coexisting with cognitive decline: A comparison of classification methodologies. <i>Biomedical Signal Processing and Control</i> , <b>2016</b> , 25, 118-129	4.9	18
242	Tailoring motivational health messages for smoking cessation using an mHealth recommender system integrated with an electronic health record: a study protocol. <i>BMC Public Health</i> , <b>2018</b> , 18, 698	4.1	18
241	Balancing Between Privacy and Patient Needs for Health Information in the Age of Participatory Health and Social Media: A Scoping Review. <i>Yearbook of Medical Informatics</i> , <b>2018</b> , 27, 29-36	4	17

240	Source Detection and Functional Connectivity of the Sensorimotor Cortex during Actual and Imaginary Limb Movement: A Preliminary Study on the Implementation of eConnectome in Motor Imagery Protocols. <i>Advances in Human-Computer Interaction</i> , <b>2012</b> , 2012, 1-10	2.8	17
239	Resting-state Abnormalities in Heroin-dependent Individuals. <i>Neuroscience</i> , <b>2018</b> , 378, 113-145	3.9	16
238	Problem-Based Learning via Web 2.0 Technologies <b>2008</b> ,		16
237	Automatic Sleep Staging Employing Convolutional Neural Networks and Cortical Connectivity Images. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2020</b> , 31, 113-123	10.3	16
236	Assessment of patient satisfaction of the quality of health care provided by outpatient services of an oncology hospital. <i>Global Journal of Health Science</i> , <b>2014</b> , 6, 196-203	1.3	15
235	A Web services-based exergaming platform for senior citizens: the Long Lasting Memories project approach to e-health care. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2011</b> , 2011, 2505-9	0.9	15
234	Evaluating affective usability experiences of an exergaming platform for seniors <b>2011</b> ,		15
233	The First Thousand Days: early, integrated and evidence-based approaches to improving child health: coming to a population near you?. <i>Archives of Disease in Childhood</i> , <b>2020</b> , 105, 837-841	2.2	14
232	Towards exergaming commons: composing the exergame ontology for publishing open game data. <i>Journal of Biomedical Semantics</i> , <b>2016</b> , 7, 4	2.2	14
231	A methodology for reliability analysis in health networks. <i>IEEE Transactions on Information Technology in Biomedicine</i> , <b>2008</b> , 12, 377-86		14
230	Web 2.0 Approaches for Active, Collaborative Learning in Medicine and Health <b>2010</b> , 127-149		14
229	Maladaptive alterations of resting state cortical network in Tinnitus: A directed functional connectivity analysis of a larger MEG data set. <i>Scientific Reports</i> , <b>2019</b> , 9, 15452	4.9	13
228	Burnout syndrome and job satisfaction in Greek residents: exploring differences between trainees inside and outside the country. <i>Annals of Translational Medicine</i> , <b>2016</b> , 4, 444	3.2	13
227	Measurements and FLUKA simulations of bismuth and aluminium activation at the CERN Shielding Benchmark Facility (CSBF). <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2018</b> , 885, 79-85	1.2	12
226	Functional connectivity of the cortical network supporting statistical learning in musicians and non-musicians: an MEG study. <i>Scientific Reports</i> , <b>2017</b> , 7, 16268	4.9	12
225	Biosensor Real-Time Affective Analytics in Virtual and Mixed Reality Medical Education Serious Games: Cohort Study. <i>JMIR Serious Games</i> , <b>2020</b> , 8, e17823	3.4	12
224	An Integrated Approach to Emotion Recognition for Advanced Emotional Intelligence. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 565-574	0.9	12
223	Integration of cognitive and physical training in a smart home environment for the elderly people. <i>Studies in Health Technology and Informatics</i> , <b>2010</b> , 160, 58-62	0.5	12

222	Math anxiety: Brain cortical network changes in anticipation of doing mathematics. <i>International Journal of Psychophysiology</i> , <b>2017</b> , 122, 24-31	2.9	11
221	. <i>IEEE Access</i> , <b>2020</b> , 8, 52981-52995	3.5	11
220	Versatile mixed reality medical educational spaces; requirement analysis from expert users. <i>Personal and Ubiquitous Computing</i> , <b>2017</b> , 21, 1015-1024	2.1	11
219	A proposed framework of an interactive semi-virtual environment for enhanced education of children with autism spectrum disorders <b>2009</b> ,		11
218	Introducing Neuroberry, a platform for pervasive EEG signaling in the IoT domain <b>2015</b> ,		11
217	mEducator: A Best Practice Network for Repurposing and Sharing Medical Educational Multi-type Content. <i>IFIP Advances in Information and Communication Technology</i> , <b>2009</b> , 769-776	0.5	11
216	Setting priorities for EU healthcare workforce IT skills competence improvement. <i>Health Informatics Journal</i> , <b>2019</b> , 25, 174-185	3	11
215	Statistical learning of multisensory regularities is enhanced in musicians: An MEG study. <i>NeuroImage</i> , <b>2018</b> , 175, 150-160	7.9	10
214	Quantitative multichannel EEG measure predicting the optimal weaning from ventilator in ICU patients with acute respiratory failure. <i>Clinical Neurophysiology</i> , <b>2006</b> , 117, 752-70	4.3	10
213	Electrophysiological, histochemical, and hormonal adaptation of rat muscle after prolonged hindlimb suspension. <i>Acta Astronautica</i> , <b>2004</b> , 54, 737-47	2.9	10
212	Why decision support systems are important for medical education. <i>Healthcare Technology Letters</i> , <b>2016</b> , 3, 56-60	1.9	10
211	. <i>IEEE Access</i> , <b>2019</b> , 7, 15027-15039	3.5	10
210	A review on current trends in automatic sleep staging through bio-signal recordings and future challenges. <i>Sleep Medicine Reviews</i> , <b>2021</b> , 55, 101377	10.2	10
209	Prevalence of Apolipoprotein E Polymorphisms in Alzheimer's Disease, Mild Cognitive Impairment, and Healthy Elderly: A Northern Greece Study. <i>Neurodegenerative Diseases</i> , <b>2018</b> , 18, 216-224	2.3	10
208	WHAAM: A mobile application for ubiquitous monitoring of ADHD behaviors <b>2014</b> ,		9
207	Tones and numbers: a combined EEG-MEG study on the effects of musical expertise in magnitude comparisons of audiovisual stimuli. <i>Human Brain Mapping</i> , <b>2014</b> , 35, 5389-400	5.9	9
206	REG-ICA: A new hybrid method for EOG Artifact Rejection <b>2009</b> ,		9
205	A semantic wiki within moodle for Greek medical education <b>2009</b> ,		9

204	A Mobile Health Solution Complementing Psychopharmacology-Supported Smoking Cessation: Randomized Controlled Trial. <i>JMIR MHealth and UHealth</i> , <b>2020</b> , 8, e17530	5.5	9
203	Leveraging Web Technologies to Expose Multiple Contemporary Controller Input in Smart TV Rich Internet Applications Utilized in Elderly Assisted Living Environments. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 118-128	0.9	9
202	A Patient-Oriented App (ThessHF) to Improve Self-Care Quality in Heart Failure: From Evidence-Based Design to Pilot Study. <i>JMIR MHealth and UHealth</i> , <b>2021</b> , 9, e24271	5.5	9
201	Opening the Black Box: Explaining the Process of Basing a Health Recommender System on the I-Change Behavioral Change Model. <i>IEEE Access</i> , <b>2019</b> , 7, 176525-176540	3.5	9
200	A recommender system to quit smoking with mobile motivational messages: study protocol for a randomized controlled trial. <i>Trials</i> , <b>2018</b> , 19, 618	2.8	9
199	Juvenile idiopathic arthritis in the biologic era: predictors of the disease progression and need for early introduction of biologic treatment. <i>Rheumatology International</i> , <b>2018</b> , 38, 1241-1250	3.6	9
198	Functional Brain Connectivity during Multiple Motor Imagery Tasks in Spinal Cord Injury. <i>Neural Plasticity</i> , <b>2018</b> , 2018, 9354207	3.3	9
197	Automatic Sleep Stage Classification Applying Machine Learning Algorithms on EEG Recordings <b>2017</b> ,		8
196	Towards a hierarchically-structured decision support tool for improving seniors' independent living <b>2013</b> ,		8
195	Federating learning management systems for medical education: A persuasive technologies perspective <b>2011</b> ,		8
194	Ontology-based vector space model and fuzzy query expansion to retrieve knowledge on medical computational problem solutions. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , <b>2007</b> , 2007, 3794-7		8
193	Neurophysiological changes in simulated microgravity: An animal model. <i>Neurology India</i> , <b>2019</b> , 67, S221-S226	6.7	8
192	The Removal Of Ocular Artifacts From EEG Signals: A Comparison of Performances For Different Methods. <i>IFMBE Proceedings</i> , <b>2009</b> , 1259-1263	0.2	8
191	GameUp: Exergames for Mobility [A Project to Keep Elderly Active]. <i>IFMBE Proceedings</i> , <b>2016</b> , 1225-1230	0.2	8
190	Affective computing and medical informatics: state of the art in emotion-aware medical applications. <i>Studies in Health Technology and Informatics</i> , <b>2008</b> , 136, 517-22	0.5	8
189	Evaluation of user satisfaction and usability of a mobile app for smoking cessation. <i>Computer Methods and Programs in Biomedicine</i> , <b>2019</b> , 182, 105042	6.9	7
188	Wireless Brain-Robot Interface: User Perception and Performance Assessment of Spinal Cord Injury Patients. <i>Wireless Communications and Mobile Computing</i> , <b>2017</b> , 2017, 1-16	1.9	7
187	Mapping the Spatiotemporal Evolution of Emotional Processing: An MEG Study Across Arousal and Valence Dimensions. <i>Frontiers in Human Neuroscience</i> , <b>2018</b> , 12, 322	3.3	7

186	Density based clustering on indoor kinect location tracking: A new way to exploit active and healthy aging living lab datasets <b>2015</b> ,		7
185	Depicting educational content repurposing context and inheritance. <i>IEEE Transactions on Information Technology in Biomedicine</i> , <b>2011</b> , 15, 164-70		7
184	Towards emotion aware computing: A study of arousal modulation with multichannel event-related potentials, delta oscillatory activity and skin conductivity responses <b>2008</b> ,		7
183	A New Approach for Ageing at Home: The CAPTAIN System. <i>Studies in Health Technology and Informatics</i> , <b>2019</b> , 264, 1704-1705	0.5	7
182	Exergames for Assessment in Active and Healthy Aging - Emerging Trends and Potentialities <b>2015</b> ,		7
181	OGC IndoorGML: A Standard Approach for Indoor Maps <b>2019</b> , 187-207		7
180	Multimodal e-Health Services for Smoking Cessation and Public Health: The SmokeFreeBrain Project Approach. <i>Studies in Health Technology and Informatics</i> , <b>2017</b> , 245, 5-9	0.5	7
179	Affective Learning: Principles, Technologies, Practice. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 1-13	0.9	6
178	Using the Social-Local-Mobile App for Smoking Cessation in the SmokeFreeBrain Project: Protocol for a Randomized Controlled Trial. <i>JMIR Research Protocols</i> , <b>2018</b> , 7, e12464	2	6
177	Thessaloniki Active and Healthy Ageing Living Lab <b>2016</b> ,		6
176	Cortical connectivity analysis for assessing the impact of microgravity and the efficacy of reactive sledge jumps countermeasure to NREM 2 sleep. <i>Acta Astronautica</i> , <b>2020</b> , 166, 579-589	2.9	6
175	Internet of things for an age-friendly healthcare. <i>Studies in Health Technology and Informatics</i> , <b>2015</b> , 210, 587-91	0.5	6
174	Serious games as a means for holistically supporting Parkinson's Disease patients: The i-PROGNOSIS personalized game suite framework <b>2017</b> ,		5
173	Co-design the future CAPTAIN system with older adults <b>2019</b> ,		5
172	Using Simulations and Experiential Learning Approaches to Train Careers of Seniors <b>2014</b> ,		5
171	<b>2013</b> ,		5
170	The interplay between IoT and serious games towards personalised healthcare <b>2017</b> ,		5
169	The future of mobile health ADHD applications <b>2015</b> ,		5

168	Description and future trends of ICT solutions offered towards independent living <b>2009,</b>		5
167	<b>2008,</b>		5
166	Chatbots in Healthcare Curricula: The Case of a Conversational Virtual Patient. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 137-147	0.9	5
165	Active and healthy ageing for Parkinson's disease patients' support: A user's perspective within the i-PROGNOSIS framework <b>2016,</b>		5
164	Investigating the effectiveness of physical training through exergames: Focus on balance and aerobic protocols <b>2016,</b>		5
163	Curricular integration of virtual patients: a unifying perspective of medical teachers and students. <i>BMC Medical Education</i> , <b>2019</b> , 19, 416	3.3	5
162	IoT of active and healthy ageing: cases from indoor location analytics in the wild. <i>Health and Technology</i> , <b>2017</b> , 7, 41-49	2.1	4
161	Emotion Recognition in the Wild: Results and Limitations from Active and Healthy Ageing Cases in a Living Lab. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , <b>2017</b> , 425-428	0.2	4
160	Reduced pain and analgesic use after acoustic binaural beats therapy in chronic pain - A double-blind randomized control cross-over trial. <i>European Journal of Pain</i> , <b>2020</b> , 24, 1716-1729	3.7	4
159	Visual Versus Kinesthetic Motor Imagery for BCI Control of Robotic Arms (Mercury 2.0) <b>2017,</b>		4
158	Biomedical Engineering and Elderly Support. <i>International Journal of Reliable and Quality E-Healthcare</i> , <b>2013</b> , 2, 21-37	0.4	4
157	Employing affection in elderly healthcare serious games interventions <b>2014,</b>		4
156	mEducator 3.0: Combining Semantic and Social Web Approaches in Sharing and Retrieving Medical Education Resources <b>2012,</b>		4
155	Personal health records in the preclinical medical curriculum: modeling student responses in a simple educational environment utilizing Google Health. <i>BMC Medical Education</i> , <b>2012</b> , 12, 88	3.3	4
154	Using Brain Waves to Control Computers and Machines. <i>Advances in Human-Computer Interaction</i> , <b>2013</b> , 2013, 1-2	2.8	4
153	The impact of audio-visual stimulation on alpha brain oscillations: An EEG study <b>2010,</b>		4
152	From taxonomies to folksonomies: a roadmap from formal to informal modeling of medical concepts and objects <b>2009,</b>		4
151	Active blended learning in medical education [Combination of WEB 2.0 problem based learning and computer based audience response systems <b>2009,</b>		4

150	Towards an Emotion Specification Method: Representing Emotional Physiological Signals. <i>Proceedings of the IEEE Symposium on Computer-Based Medical Systems</i> , <b>2007</b> ,		4
149	Uncertainty rule generation on a home care database of heart failure patients <b>2003</b> ,		4
148	MFT in complex partial epilepsy: spatio-temporal estimates of interictal activity. <i>NeuroReport</i> , <b>1995</b> , 7, 17-23	1.7	4
147	Assistive Technologies for Supporting the Wellbeing of Older Adults. <i>Technologies</i> , <b>2022</b> , 10, 8	2.4	4
146	Web Advances in Education32-50		4
145	Designing an E-coaching System for Older People to Increase Adherence to Exergame-based Physical Activity <b>2018</b> ,		4
144	Affective Computing on Elderly Physical and Cognitive Training within Live Social Networks. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 339-344	0.9	4
143	Teaching university students co-creation and living lab methodologies through experiential learning activities and preparing them for RRI. <i>Health Informatics Journal</i> , <b>2021</b> , 27, 1460458221991204 <sup>3</sup>		4
142	Exploring the Neuroplastic Effects of Biofeedback Training on Smokers. <i>Behavioural Neurology</i> , <b>2018</b> , 2018, 4876287	3	4
141	Combining big data search analytics and the FDA Adverse Event Reporting System database to detect a potential safety signal of mirtazapine abuse. <i>Health Informatics Journal</i> , <b>2020</b> , 26, 2265-2279	3	3
140	Assessing Emotional Impact of Biofeedback and Neurofeedback Training in Smokers During a Smoking Cessation Project <b>2017</b> ,		3
139	<b>2017</b> ,		3
138	An Automatic EEG Based System for the Recognition of Math Anxiety <b>2017</b> ,		3
137	Commercial BCI Control and Functional Brain Networks in Spinal Cord Injury: A Proof-of-Concept <b>2017</b> ,		3
136	Indicators of Sleepiness in an ambulatory EEG study of night driving. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , <b>2006</b> ,		3
135	Wave segmentation using nonstationary properties of ECG		3
134	A Mobile App for Thyroid Cancer Patients Aiming to Enhance Their Quality of Life: Protocol for a Quasiexperimental Interventional Pilot Study. <i>JMIR Research Protocols</i> , <b>2020</b> , 9, e13409	2	3
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103	Use of a mobile App to give up smoking. Results from a clinical trial <b>2019</b> ,		2
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75	A Proposed Learner Activity Taxonomy and a Framework for Analysing Learner Engagement versus Performance Using Big Educational Data <b>2017</b> ,		1
74	<b>2010</b> ,		1
73	Towards a graph theoretical approach to study gender lateralization effect in mathematical thinking <b>2012</b> ,		1
72	Depicting educational content re-purposing context and inheritance <b>2009</b> ,		1
71	Accelerating biomedical signal processing algorithms with parallel programming on graphic processor units <b>2009</b> ,		1
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58	Dynamic Risk Stratification for Predicting Treatment Response in Differentiated Thyroid Cancer. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	1
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