

# Charalampos Bratsas

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

741  
citations

759233

12  
h-index

580821

25  
g-index

53  
all docs

53  
docs citations

53  
times ranked

781  
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward Emotion Aware Computing: An Integrated Approach Using Multichannel Neurophysiological Recordings and Affective Visual Stimuli. IEEE Transactions on Information Technology in Biomedicine, 2010, 14, 589-597.	3.2	197
2	On the Classification of Emotional Biosignals Evoked While Viewing Affective Pictures: An Integrated Data-Mining-Based Approach for Healthcare Applications. IEEE Transactions on Information Technology in Biomedicine, 2010, 14, 309-318.	3.2	136
3	A Comparison of Machine Learning Methods for the Prediction of Traffic Speed in Urban Places. Sustainability, 2020, 12, 142.	3.2	42
4	Internationalization of Linked Data: The case of the Greek DBpedia edition. Web Semantics, 2012, 15, 51-61.	2.9	32
5	Geriatric depression symptoms coexisting with cognitive decline: A comparison of classification methodologies. Biomedical Signal Processing and Control, 2016, 25, 118-129.	5.7	30
6	Reporters in the age of data journalism. Journal of Applied Journalism and Media Studies, 2017, 6, 225-244.	0.2	27
7	KnowBaSICS-M: An ontology-based system for semantic management of medical problems and computerised algorithmic solutions. Computer Methods and Programs in Biomedicine, 2007, 88, 39-51.	4.7	24
8	Towards exergaming commons: composing the exergame ontology for publishing open game data. Journal of Biomedical Semantics, 2016, 7, 4.	1.6	23
9	Evaluation of a Decision Support System for Obstructive Sleep Apnea with Nonlinear Analysis of Respiratory Signals. PLoS ONE, 2016, 11, e0150163.	2.5	18
10	A semantic wiki within moodle for Greek medical education. , 2009, , .		17
11	The Principles, Features and Techniques of Data Journalism. Studies in Media and Communication, 2018, 6, 36.	0.2	14
12	Ontology-based Vector Space Model and Fuzzy Query Expansion to Retrieve Knowledge on Medical Computational Problem Solutions. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 3794-7.	0.5	13
13	Bringing Mathematics to the Web of Data: The Case of the Mathematics Subject Classification. Lecture Notes in Computer Science, 2012, , 763-777.	1.3	13
14	Screening of patients with obstructive sleep Apnea syndrome using C4.5 algorithm based on non linear analysis of respiratory signals during sleep. , 2009, 2009, 3465-9.		12
15	Federating learning management systems for medical education: A persuasive technologies perspective. , 2011, , .		10
16	Entropy and Network Centralities as Intelligent Tools for the Investigation of Terrorist Organizations. Entropy, 2021, 23, 1334.	2.2	9
17	Thessaloniki Active and Healthy Ageing Living Lab. , 2016, , .		8
18	The Use of National Strategic Reference Framework Data in Knowledge Graphs and Data Mining to Identify Red Flags. Data, 2021, 6, 2.	2.3	8

#	ARTICLE	IF	CITATIONS
19	New Approaches in Teaching Medical Informatics to Medical Students. , 2008, , .		7
20	mEducator 3.0: Combining Semantic and Social Web Approaches in Sharing and Retrieving Medical Education Resources. , 2012, , .		7
21	Enabling active and healthy ageing decision support systems with the smart collection of TV usage patterns. Healthcare Technology Letters, 2016, 3, 46-50.	3.3	7
22	Global Value Chains of COVID-19 Materials: A Weighted Directed Network Analysis. Mathematics, 2021, 9, 3202.	2.2	7
23	Personal health records in the preclinical medical curriculum: modeling student responses in a simple educational environment utilizing Google Health. BMC Medical Education, 2012, 12, 88.	2.4	6
24	The code lists case: Identifying and linking the key parts of fiscal datasets. , 2016, , .		6
25	Alignment: A Hybrid, Interactive and Collaborative Ontology and Entity Matching Service. Information (Switzerland), 2018, 9, 281.	2.9	5
26	A Medical Ontology Informed User Experience Taxonomy to Support Co-creative Workflows for Authoring Mixed Reality Medical Education Spaces. , 2021, , .		5
27	Reimplementing the Mathematics Subject Classification (MSC) as a Linked Open Dataset. Lecture Notes in Computer Science, 2012, , 458-462.	1.3	5
28	Investigation of Terrorist Organizations Using Intelligent Tools: A Dynamic Network Analysis with Weighted Links. Mathematics, 2022, 10, 1092.	2.2	5
29	An Ontology-Based Approach to Constructing Medical Computational Problems for Use in Electronic Medical Education. Proceedings of the IEEE Symposium on Computer-Based Medical Systems, 2007, , .	0.0	3
30	Fiscal Knowledge discovery in Municipalities of Athens and Thessaloniki via Linked Open Data. , 2016, , .		3
31	Moving from lab testing of Active & Healthy Ageing technologies to real-life implementation. , 2016, , .		3
32	Modeling medical interventions using the semantic MediaWiki for use in healthcare practice and education. , 2011, , .		2
33	Greek Open Data in the Age of Linked Data: A Demonstration of LOD Internationalization. SSRN Electronic Journal, 2011, , .	0.4	2
34	Dynamic Composition of Semantic Pathways for Medical Computational Problem Solving by Means of Semantic Rules. IEEE Transactions on Information Technology in Biomedicine, 2011, 15, 334-343.	3.2	2
35	Rudolf: An HTTP API for exposing semantically represented fiscal OLAP cubes. , 2016, , .		2
36	Data Journalism. Advances in Information Quality and Management, 2021, , 1140-1151.	0.2	2

#	ARTICLE	IF	CITATIONS
37	Alignment: A Collaborative, System Aided, Interactive Ontology Matching Platform. Communications in Computer and Information Science, 2017, , 323-333.	0.5	2
38	Towards a semantic framework for an integrative description of neuroscience patterns and studies: a case for emotion-related data. Studies in Health Technology and Informatics, 2009, 150, 322-6.	0.3	2
39	Towards a graph theoretical approach to study gender lateralization effect in mathematical thinking. , 2012, , .		1
40	Library Linked Data: The case of Public Library of Veroia. , 2016, , .		1
41	A unified semantic sports concepts classification as a key device for multidimensional sports analysis. , 2018, , .		1
42	Developing a scientific knowledge graph through conceptual linking of academic classifications. , 2018, , .		1
43	Semantic Representation of Patient Triage Data Collected in Emergency Departments. Studies in Health Technology and Informatics, 2021, 281, 1097-1099.	0.3	1
44	Active and Healthy Ageing Big Dataset Streaming on Demand. Lecture Notes in Computer Science, 2016, , 375-384.	1.3	1
45	Data Journalism. , 2018, , 1196-1205.		1
46	Educational Semantic Wikis in the Linked Data Age: The Case of MSC Web Science Program at Aristotle University of Thessaloniki. SSRN Electronic Journal, 0, , .	0.4	1
47	Preface on special session "œdata impact: Big, open, linked data innovations" , 2016, , .		0
48	Future perspectives toward the early definition of a multivariate decision support scheme employed in clinical decision making for senior citizens. Healthcare Technology Letters, 2016, 3, 41-45.	3.3	0
49	Conditional Entropy Based Retrieval Model in Patient-Carer Conversational Cases. , 2017, , .		0
50	A Mahalanobis Distance Based Approach towards the Reliable Detection of Geriatric Depression Symptoms Co-existing with Cognitive Decline. International Federation for Information Processing, 2012, , 16-25.	0.4	0
51	DBpedia Spotlight internationalization using the DBpedia in Greek as a case study" realizing the Greek DBpedia Spotlight. , 2014, , .		0