Haridemos Kondylakis

List of Publications by Year
in descending order

105 papers	1,676 citations	411340 20 h-index	425179 34 g-index
112 all docs	112 docs citations	112 times ranked	1696 citing authors

#	Article	IF	Citations
1	A survey on semantic schema discovery. VLDB Journal, 2022, 31, 675-710.	2.7	12
2	Developing an AI-Enabled Integrated Care Platform for Frailty. Healthcare (Switzerland), 2022, 10, 443.	1.0	8
3	Deep Learning in mHealth for Cardiovascular Disease, Diabetes, and Cancer: Systematic Review. JMIR MHealth and UHealth, 2022, 10, e32344.	1.8	17
4	Editorial: Digital Health for Palliative Care. Frontiers in Digital Health, 2022, 4, 888419.	1.5	1
5	Smart Home: Deep Learning as a Method for Machine Learning in Recognition of Face, Silhouette and Human Activity in the Service of a Safe Home. Electronics (Switzerland), 2022, 11, 1622.	1.8	4
6	OpinionMine: A Bayesian-based framework for opinion mining using Twitter Data. Machine Learning With Applications, 2021, 3, 100018.	3.0	13
7	Ontology Based Governance for Employee Services. Algorithms, 2021, 14, 104.	1.2	7
8	A machine learning-based pipeline for modeling medical, socio-demographic, lifestyle and self-reported psychological traits as predictors of mental health outcomes after breast cancer diagnosis: An initial effort to define resilience effects. Computers in Biology and Medicine, 2021, 131, 104266.	3.9	27
9	Query Rewriting for Incremental Continuous Query Evaluation in HIFUN. Algorithms, 2021, 14, 149.	1.2	1
10	Prediction of COVID-19 Infection Based on Symptoms and Social Life Using Machine Learning Techniques. , 2021, , .		0
11	SOFOS: Demonstrating the Challenges of Materialized View Selection on Knowledge Graphs. , 2021, , .		3
12	Predictive Analytics Based on Open Source Technologies for Acute Respiratory Distress Syndrome. , 2021, , .		0
13	AthPPA: A Data Visualization Tool for Identifying Political Popularity over Twitter. Information (Switzerland), 2021, 12, 312.	1.7	1
14	HInT: Hybrid and Incremental Type Discovery for Large RDF Data Sources. , 2021, , .		7
15	Delta: A Modular Ontology Evaluation System. Information (Switzerland), 2021, 12, 301.	1.7	5
16	WBSum: Workload-based Summaries for RDF/S KBs. , 2021, , .		3
17	Integrated Care in the Era of COVID-19: Turning Vision Into Reality With Digital Health. Frontiers in Digital Health, 2021, 3, 647938.	1.5	11
18	Coverage-Based Summaries for RDF KBs. Lecture Notes in Computer Science, 2021, , 98-102.	1.0	5

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19	CareKeeper: A Platform for Intelligent Care Coordination. , 2021, , .		5
20	Prediction of Poor Mental Health Following Breast Cancer Diagnosis Using Random Forests[1]. , 2021, 2021, 1753-1756.		2
21	Patient Preferences: An Unexplored Area in the Post-Pandemic Era. , 2021, , .		1
22	Patient empowerment for cancer patients through a novel ICT infrastructure. Journal of Biomedical Informatics, 2020, 101, 103342.	2.5	35
23	R2D2: A Dbpedia Chatbot Using Triple-Pattern Like Queries. Algorithms, 2020, 13, 217.	1.2	5
24	TwiFly: A Data Analysis Framework for Twitter. Information (Switzerland), 2020, 11, 247.	1.7	2
25	Multidimensional Group Recommendations in the Health Domain. Algorithms, 2020, 13, 54.	1.2	8
26	An outbreak response tool to effectively support surveillance of suspect, probable and confirmed incidence cases while staying safe in COVID-19. , 2020, , .		7
27	A Review on Lexicon-Based and Machine Learning Political Sentiment Analysis Using Tweets. International Journal of Semantic Computing, 2020, 14, 517-563.	0.4	5
28	Status and Recommendations of Technological and Data-Driven Innovations in Cancer Care: Focus Group Study. Journal of Medical Internet Research, 2020, 22, e22034.	2.1	8
29	COVID-19 Mobile Apps: A Systematic Review of the Literature. Journal of Medical Internet Research, 2020, 22, e23170.	2.1	143
30	An eHealth Platform for the Holistic Management of COVID-19. Studies in Health Technology and Informatics, 2020, 273, 182-188.	0.2	11
31	Computational Models for Predicting Resilience Levels of Women with Breast Cancer. IFMBE Proceedings, 2020, , 518-525.	0.2	4
32	Participatory Aspects of ICT Infrastructures for Cancer Management. , 2020, , 87-108.		2
33	Personally Managed Health Data: Barriers, Approaches, and a Roadmap for the Future. Journal of Biomedical Informatics, 2020, 106, 103440.	2.5	4
34	Smart Healthcare Apps for Quality Cancer Patient Support. International Journal of Big Data and Analytics in Healthcare, 2020, 5, 28-48.	0.4	1
35	An Innovative, Information and Communication Technology Supported Approach, Towards Effective Chronic Pain Management. , 2020, , 125-145.		3
36	A Probabilistic Logic Program that Predicts COVID-19 Infection and the Possibility a Patient to Recover. , 2020, , .		1

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37	Using XDS and FHIR to Support Mobile Access to EHR Information Through Personal Health Apps. , 2019, , .		5
38	Coconut Palm. , 2019, , .		21
39	Features, outcomes, and challenges in mobile health interventions for patients living with chronic diseases: A review of systematic reviews. International Journal of Medical Informatics, 2019, 132, 103984.	1.6	66
40	Developing a Data Infrastructure for Enabling Breast Cancer Women to BOUNCE Back. , 2019, , .		9
41	Coconut: sortable summarizations for scalable indexes over static and streaming data series. VLDB Journal, 2019, 28, 847-869.	2.7	18
42	An Innovative, Information and Communication Technology Supported Approach, Towards Effective Chronic Pain Management. International Journal of Reliable and Quality E-Healthcare, 2019, 8, 23-39.	1.0	1
43	Designing and implementing a collaborative health knowledge system. Expert Systems With Applications, 2019, 126, 277-294.	4.4	9
44	Summarizing semantic graphs: a survey. VLDB Journal, 2019, 28, 295-327.	2.7	82
45	ShinyAnonymizer: A Tool for Anonymizing Health Data. , 2019, , .		10
46	An Integrated Approach Towards Developing Quality Mobile Health Apps for Cancer. Advances in Healthcare Information Systems and Administration Book Series, 2019, , 46-71.	0.2	7
47	iSupport: Building a Resilience Support Tool for Improving the Health Condition of the Patient During the Care Path. Studies in Health Technology and Informatics, 2019, 261, 253-258.	0.2	1
48	EvoRDF: evolving the exploration of ontology evolution. Knowledge Engineering Review, 2018, 33, .	2.1	8
49	iManageMyHealth and iSupportMyPatients: mobile decision support and health management apps for cancer patients and their doctors. Ecancermedicalscience, 2018, 12, 848.	0.6	7
50	Personal health information recommender: implementing a tool for the empowerment of cancer patients. Ecancermedicalscience, 2018, 12, 851.	0.6	14
51	COSMOS. , 2018, , .		6
52	RDF Query Answering Using Apache Spark: Review and Assessment. , 2018, , .		13
53	mHealth and telemedicine apps: in search of a common regulation. Ecancermedicalscience, 2018, 12, 853.	0.6	54
54	Exploring RDFS KBs Using Summaries. Lecture Notes in Computer Science, 2018, , 268-284.	1.0	17

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55	Incremental Data Partitioning of RDF Data in SPARK. Lecture Notes in Computer Science, 2018, , 50-54.	1.0	6
56	FairGRecs: Fair Group Recommendations by Exploiting Personal Health Information. Lecture Notes in Computer Science, 2018, , 147-155.	1.0	20
57	Current trends in Electronic Family Resilience Tools: Implementing a tool for the cancer domain. IFMBE Proceedings, 2018, , 29-32.	0.2	3
58	Coconut. Proceedings of the VLDB Endowment, 2018, 11, 677-690.	2.1	6
59	Designing a Novel Technical Infrastructure for Chronic Pain Self-Management. Studies in Health Technology and Informatics, 2018, 249, 203-207.	0.2	1
60	X3ML mapping framework for information integration in cultural heritage and beyond. International Journal on Digital Libraries, 2017, 18, 301-319.	1.1	27
61	Fairness in Group Recommendations in the Health Domain. , 2017, , .		27
62	On Recommending Evolution Measures: A Human-Aware Approach. , 2017, , .		4
63	Ontology understanding without tears: TheÂsummarization approach. Semantic Web, 2017, 8, 797-815.	1.1	26
64	Donorâ€™s support tool: Enabling informed secondary use of patientâ€™s biomaterial and personal data. International Journal of Medical Informatics, 2017, 97, 282-292.	1.6	25
65	Semantic Partitioning for RDF Datasets. Communications in Computer and Information Science, 2017, , 99-115.	0.4	2
66	iManageCancer: Developing a Platform for Empowering Patients and Strengthening Self-Management in Cancer Diseases. , 2017, , .		45
67	Detection and Management of Depression in Cancer Patients Using Augmented Reality Technologies, Multimodal Signal Processing and Persuasive Interfaces. , 2017, , .		0
68	Developing a Collaborative Knowledge System for Cancer Diseases. , 2017, , .		6
69	Exploring Importance Measures for Summarizing RDF/S KBs. Lecture Notes in Computer Science, 2017, , 387-403.	1.0	23
70	EvoRDF: A Framework for Exploring Ontology Evolution. Lecture Notes in Computer Science, 2017, , 104-108.	1.0	5
71	Integrated Care Solutions for the Citizen: Personal Health Record Functional Models to Support Interoperability. European Journal for Biomedical Informatics, 2017, 13, .	0.5	19
72	A web-based interactive tool to improve breast cancer patient centredness. Ecancermedicalscience, 2016, 10, 659.	0.6	7

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73	Addressing drug-drug and drug-food interactions through personalized empowerment services for healthcare. , 2016, 2016, 5640-5643.		8
74	BlogSearch: Semantic Services for Aggregating and Searching Blog Articles. International Journal of Semantic Computing, 2016, 10, 399-415.	0.4	2
75	Mode Analysis During Program Development. International Journal on Artificial Intelligence Tools, 2016, 25, 1650001.	0.7	0
76	The INTEGRATE project: Delivering solutions for efficient multi-centric clinical research and trials. Journal of Biomedical Informatics, 2016, 62, 32-47.	2.5	18
77	Usefulness of a Tailored eHealth Service for Informal Caregivers and Professionals in the Dementia Treatment and Care Setting: The eHealthMonitor Dementia Portal. JMIR Research Protocols, 2016, 5, e47.	0.5	47
78	Ontology evolution: a process-centric survey. Knowledge Engineering Review, 2015, 30, 45-75.	2.1	103
79	RDF Digest: Efficient Summarization of RDF/S KBs. Lecture Notes in Computer Science, 2015, , 119-134.	1.0	25
80	Digital patient: Personalized and translational data management through the MyHealthAvatar EU project. , 2015, 2015, 1397-400.		27
81	Evaluation of personal health record systems through the lenses of EC research projects. Computers in Biology and Medicine, 2015, 59, 175-185.	3.9	34
82	Flexible Access to Patient Data through e-Consent. , 2015, , .		6
83	Development of interactive empowerment services in support of personalised medicine. Ecancermedicalscience, 2014, 8, 400.	0.6	36
84	A knowledge-based interactive verifier for logic programs. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2014, 18, 143-156.	0.7	1
85	NaviSoc: A Socially Enhanced Real-Time Navigator. , 2014, , .		1
86	Securing Access to Sensitive RDF Data. Lecture Notes in Computer Science, 2014, , 455-460.	1.0	1
87	Designing a digital patient avatar in the context of the MyHealthAvatar project initiative. , 2013, , .		14
88	Towards Intelligent Personal Health Record Systems: Review, Criteria and Extensions. Procedia Computer Science, 2013, 21, 327-334.	1.2	20
89	Ontology evolution without tears. Web Semantics, 2013, 19, 42-58.	2.2	33
90	Smart Recommendation Services in Support of Patient Empowerment and Personalized Medicine. Smart Innovation, Systems and Technologies, 2013, , 39-61.	0.5	30

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91	IEmS: A collaborative environment for patient empowerment. , 2012, , .		21
92	Ontology Evolution: Assisting Query Migration. Lecture Notes in Computer Science, 2012, , 331-344.	1.0	13
93	Computerized clinical guidelines: current status & principles for future research. Studies in Health Technology and Informatics, 2012, 180, 432-6.	0.2	1
94	Exelixis. , 2011, , .		16
95	Ontology Evolution in Data Integration: Query Rewriting to the Rescue. Lecture Notes in Computer Science, 2011, , 393-401.	1.0	11
96	Enabling ontology evolution in data integration. , 2010, , .		7
97	Ontology and Schema Evolution in Data Integration: Review and Assessment. Lecture Notes in Computer Science, 2009, , 932-947.	1.0	13
98	Empowering Provenance in Data Integration. Lecture Notes in Computer Science, 2009, , 270-285.	1.0	2
99	A new gene expression signature related to breast cancer estrogen receptor status. , 2008, , .		4
100	An Integrated Clinico-Proteomics Information Management and Analysis Platform. , 2008, , .		5
101	Ontology change: classification and survey. Knowledge Engineering Review, 2008, 23, 117-152.	2.1	191
102	A Multi-agent Environment for Serving Proof Explanations in the Semantic Web. Lecture Notes in Computer Science, 2008, , 26-37.	1.0	0
103	Functional specifications of an integrated proteomics information management and analysis platform. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 6065-9.	0.5	0
104	Quete: Ontology-Based Query System for Distributed Sources. Lecture Notes in Computer Science, 2007, , 359-375.	1.0	2
105	Ontology Evolution Without Tears. SSRN Electronic Journal, 0, , .	0.4	0