

Maged N Kamel Boulos

List of Publications by Year in descending order

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Version: 2024-02-01

106
papers

7,979
citations

76326

40
h-index

53230

85
g-index

112
all docs

112
docs citations

112
times ranked

9516
citing authors

#	ARTICLE	IF	CITATIONS
1	Reconciling public health common good and individual privacy: new methods and issues in geoprivacy. <i>International Journal of Health Geographics</i> , 2022, 21, 1.	2.5	8
2	Big Geospatial Data or Geospatial Big Data? A Systematic Narrative Review on the Use of Spatial Data Infrastructures for Big Geospatial Sensing Data in Public Health. <i>Remote Sensing</i> , 2022, 14, 2996.	4.0	4
3	Mobile physical activity planning and tracking: a brief overview of current options and desiderata for future solutions. <i>MHealth</i> , 2021, 7, 13-13.	1.6	10
4	Smart city lifestyle sensing, big data, geo-analytics and intelligence for smarter public health decision-making in overweight, obesity and type 2 diabetes prevention: the research we should be doing. <i>International Journal of Health Geographics</i> , 2021, 20, 12.	2.5	13
5	Digital Twins: From Personalised Medicine to Precision Public Health. <i>Journal of Personalized Medicine</i> , 2021, 11, 745.	2.5	142
6	COVID-19 Misinformation Online and Health Literacy: A Brief Overview. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8091.	2.6	126
7	COVID-19 digital contact tracing applications and techniques: A review post initial deployments. <i>Transportation Engineering</i> , 2021, 5, 100072.	4.2	81
8	Opportunistic atrial fibrillation screening and detection in "self-service health check-up stations": a brief overview of current technology potential and possibilities. <i>MHealth</i> , 2021, 7, 12-12.	1.6	4
9	Blockchain solutions for healthcare. , 2020, , 519-524.		22
10	Leveraging Data Science to Combat COVID-19: A Comprehensive Review. <i>IEEE Transactions on Artificial Intelligence</i> , 2020, 1, 85-103.	4.7	134
11	Geographical tracking and mapping of coronavirus disease COVID-19/severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) epidemic and associated events around the world: how 21st century GIS technologies are supporting the global fight against outbreaks and epidemics. <i>International Journal of Health Geographics</i> , 2020, 19, 8.	2.5	497
12	An overview of GeoAI applications in health and healthcare. <i>International Journal of Health Geographics</i> , 2019, 18, 7.	2.5	85
13	A Framework for Improving the Engagement of Medical Practitioners in an E-Training Platform for Tuberculosis Care and Prevention. <i>Future Internet</i> , 2019, 11, 6.	3.8	0
14	Enablers and inhibitors: A review of the situation regarding mHealth adoption in low- and middle-income countries. <i>Health Policy and Technology</i> , 2018, 7, 88-97.	2.5	25
15	Effective uses of social media in public health and medicine: a systematic review of systematic reviews. <i>Online Journal of Public Health Informatics</i> , 2018, 10, e215.	0.7	184
16	Data Quality: A Negotiator between Paper-Based and Digital Records in Pakistan's TB Control Program. <i>Data</i> , 2018, 3, 27.	2.3	5
17	Geospatial blockchain: promises, challenges, and scenarios in health and healthcare. <i>International Journal of Health Geographics</i> , 2018, 17, 25.	2.5	153
18	Measuring management's perspective of data quality in Pakistan's Tuberculosis control programme: a test-based approach to identify data quality dimensions. <i>BMC Research Notes</i> , 2018, 11, 40.	1.4	4

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19	Head-Mounted Virtual Reality and Mental Health: Critical Review of Current Research. JMIR Serious Games, 2018, 6, e14.	3.1	129
20	From urban planning and emergency training to Pokémon Go: applications of virtual reality GIS (VRGIS) and augmented reality GIS (ARGIS) in personal, public and environmental health. International Journal of Health Geographics, 2017, 16, 7.	2.5	63
21	Instagram and WhatsApp in Health and Healthcare: An Overview. Future Internet, 2016, 8, 37.	3.8	156
22	Leveraging Technology for Health Equity. , 2016, , 277-301.		4
23	Acknowledgement of manuscript reviewers 2015. International Journal of Health Geographics, 2016, 15, .	2.5	1
24	On the road to personalised and precision geomedicine: medical geology and a renewed call for interdisciplinarity. International Journal of Health Geographics, 2016, 15, 5.	2.5	14
25	E-Health and Psychology. , 2016, , 544-554.		0
26	Acknowledgement of manuscript reviewers 2014. International Journal of Health Geographics, 2015, 14, 6.	2.5	0
27	Towards an "Internet of Food": Food Ontologies for the Internet of Things. Future Internet, 2015, 7, 372-392.	3.8	58
28	Digital Games for Type 1 and Type 2 Diabetes: Underpinning Theory With Three Illustrative Examples. JMIR Serious Games, 2015, 3, e3.	3.1	49
29	LiveWell " Promoting Healthy Living and Wellbeing for Parkinson Patients through Social Network and ICT Training. International Journal of Healthcare Information Systems and Informatics, 2015, 10, 24-41.	0.9	5
30	Mobile medical and health apps: state of the art, concerns, regulatory control and certification. Online Journal of Public Health Informatics, 2014, 5, 229.	0.7	447
31	Robots in Health and Social Care: A Complementary Technology to Home Care and Telehealthcare?. Robotics, 2014, 3, 1-21.	3.5	113
32	Preliminary survey of leading general medicine journals'™ use of Facebook and Twitter. Journal of the Canadian Health Libraries Association, 2014, 33, 38.	0.3	16
33	On the Internet of Things, smart cities and the WHO Healthy Cities. International Journal of Health Geographics, 2014, 13, 10.	2.5	123
34	Use of avatar virtual conferencing to co-ordinate cardiac multi-centre research. International Journal of Cardiology, 2014, 176, 1086-1088.	1.7	2
35	Exergames for health and fitness: the roles of GPS and geosocial apps. International Journal of Health Geographics, 2013, 12, 18.	2.5	88
36	Innovations in health care services: The CAALYX system. International Journal of Medical Informatics, 2013, 82, e307-e320.	3.3	62

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37	Google Scholar is not enough to be used alone for systematic reviews. <i>Online Journal of Public Health Informatics</i> , 2013, 5, 214.	0.7	99
38	Geosemantically-enhanced PubMed queries using the GeoNames ontology and Web Services. , 2012, , .		2
39	Do adverts increase the probability of finding online cognitive behavioural therapy for depression? Cross-sectional study. <i>BMJ Open</i> , 2012, 2, e000800.	1.9	1
40	Xbox 360 Kinect Exergames for Health. <i>Games for Health Journal</i> , 2012, 1, 326-330.	2.0	63
41	Real-time locating systems (RTLS) in healthcare: a condensed primer. <i>International Journal of Health Geographics</i> , 2012, 11, 25.	2.5	142
42	Multidimensional Point Transform for Public Health Practice. <i>Methods of Information in Medicine</i> , 2012, 51, 63-73.	1.2	3
43	Expert System Shells for Rapid Clinical Decision Support Module Development: An ESTA Demonstration of a Simple Rule-Based System for the Diagnosis of Vaginal Discharge. <i>Healthcare Informatics Research</i> , 2012, 18, 252.	1.9	6
44	Accuracy of Geographically Targeted Internet Advertisements on Google Adwords for Recruitment in a Randomized Trial. <i>Journal of Medical Internet Research</i> , 2012, 14, e84.	4.3	17
45	An eight-year snapshot of geospatial cancer research (2002â€“2009): clinico-epidemiological and methodological findings and trends. <i>Medical Oncology</i> , 2011, 28, 1145-1162.	2.5	16
46	How smartphones are changing the face of mobile and participatory healthcare: an overview, with example from eCAALYX. <i>BioMedical Engineering OnLine</i> , 2011, 10, 24.	2.7	784
47	Web GIS in practice IX: a demonstration of geospatial visual analytics using Microsoft Live Labs Pivot technology and WHO mortality data. <i>International Journal of Health Geographics</i> , 2011, 10, 19.	2.5	19
48	Web GIS in practice X: a Microsoft Kinect natural user interface for Google Earth navigation. <i>International Journal of Health Geographics</i> , 2011, 10, 45.	2.5	83
49	Crowdsourcing, citizen sensing and sensor web technologies for public and environmental health surveillance and crisis management: trends, OGC standards and application examples. <i>International Journal of Health Geographics</i> , 2011, 10, 67.	2.5	296
50	Geospatial resources for supporting data standards, guidance and best practice in health informatics. <i>BMC Research Notes</i> , 2011, 4, 19.	1.4	9
51	Geo-enabled technologies for independent living: Examples from four European projects. <i>Technology and Disability</i> , 2011, 23, 7-17.	0.6	22
52	Stereoscopic 3-D solutions for online maps and virtual globes. <i>Lecture Notes in Geoinformation and Cartography</i> , 2011, , 391-412.	1.0	2
53	BlogBrain Ops: Proposal for a Semi-automatic Social Web Mining and Cyberinfluence Decision-support Tool for Info Ops Teams. <i>Journal of Emerging Technologies in Web Intelligence</i> , 2011, 3, .	0.6	1
54	Social Web mining and exploitation for serious applications: Technosocial Predictive Analytics and related technologies for public health, environmental and national security surveillance. <i>Computer Methods and Programs in Biomedicine</i> , 2010, 100, 16-23.	4.7	82

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55	Web GIS in practice VIII: HTML5 and the canvas element for interactive online mapping. <i>International Journal of Health Geographics</i> , 2010, 9, 14.	2.5	40
56	Musings on the State of '3-D Virtual Worlds for Health and Healthcare' in 2009. <i>Journal of Virtual Worlds Research</i> , 2009, 2, .	0.7	5
57	Pitfalls in 3-D Virtual Worlds Health Project Evaluations: The Trap of Drug-trial-style Media Comparative Studies. <i>Journal of Virtual Worlds Research</i> , 2009, 2, .	0.7	2
58	Connectivity for Healthcare and Well-Being Management: Examples from Six European Projects. <i>International Journal of Environmental Research and Public Health</i> , 2009, 6, 1947-1971.	2.6	80
59	Patient Preferences for Online Person-Person Support. , 2009, , 52-74.		3
60	Musings on privacy issues in health research involving disaggregate geographic data about individuals. <i>International Journal of Health Geographics</i> , 2009, 8, 46.	2.5	46
61	Web GIS in practice VII: stereoscopic 3-D solutions for online maps and virtual globes. <i>International Journal of Health Geographics</i> , 2009, 8, 59.	2.5	9
62	The University of Plymouth Sexual Health SIM experience in Second Life®: evaluation and reflections after 1Year. <i>Health Information and Libraries Journal</i> , 2009, 26, 279-288.	2.5	25
63	Geographic Information Systems for Healthcare Organizations. <i>CIN - Computers Informatics Nursing</i> , 2009, 27, 50-56.	0.5	12
64	Use of Live Interactive Webcasting for an International Postgraduate Module in eHealth: Case Study Evaluation. <i>Journal of Medical Internet Research</i> , 2009, 11, e46.	4.3	23
65	Semantic Wikis: A Comprehensible Introduction with Examples from the Health Sciences. <i>Journal of Emerging Technologies in Web Intelligence</i> , 2009, 1, .	0.6	11
66	Web GIS in practice VI: a demo playlist of geo-mashups for public health neogeographers. <i>International Journal of Health Geographics</i> , 2008, 7, 38.	2.5	43
67	Scientific discourse 2.0. Will your next poster session be in Second Life ®?. <i>EMBO Reports</i> , 2008, 9, 496-499.	4.5	24
68	The perceived impact of location privacy: A web-based survey of public health perspectives and requirements in the UK and Canada. <i>BMC Public Health</i> , 2008, 8, 156.	2.9	20
69	Scope, Completeness, and Accuracy of Drug Information in Wikipedia. <i>Annals of Pharmacotherapy</i> , 2008, 42, 1814-1821.	1.9	162
70	Web 3D for Public, Environmental and Occupational Health: Early Examples from Second Life®. <i>International Journal of Environmental Research and Public Health</i> , 2008, 5, 290-317.	2.6	32
71	Web GIS in practice V: 3-D interactive and real-time mapping in Second Life. <i>International Journal of Health Geographics</i> , 2007, 6, 51.	2.5	39
72	CAALYX: a new generation of location-based services in healthcare. <i>International Journal of Health Geographics</i> , 2007, 6, 9.	2.5	73

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73	The emerging Web 2.0 social software: an enabling suite of sociable technologies in health and health care education. Health Information and Libraries Journal, 2007, 24, 2-23.	2.5	663
74	Second Life: an overview of the potential of 3D virtual worlds in medical and health education. Health Information and Libraries Journal, 2007, 24, 233-245.	2.5	500
75	Wikis, blogs and podcasts: a new generation of Web-based tools for virtual collaborative clinical practice and education. BMC Medical Education, 2006, 6, 41.	2.4	723
76	Web GIS in practice IV: publishing your health maps and connecting to remote WMS sources using the Open Source UMN MapServer and DM Solutions MapLab. International Journal of Health Geographics, 2006, 5, 6.	2.5	27
77	Map of dermatology: 'first-impression' user feedback and agenda for further development. Health Information and Libraries Journal, 2006, 23, 203-213.	2.5	2
78	Using software agents to preserve individual health data confidentiality in micro-scale geographical analyses. Journal of Biomedical Informatics, 2006, 39, 160-170.	4.3	42
79	A proposed semantic framework for diabetes education content management, customisation and delivery within the M2DM project. Computer Methods and Programs in Biomedicine, 2006, 83, 188-197.	4.7	16
80	Access to Online Information by Adult Saudi Cancer Patients. Journal of Consumer Health on the Internet, 2006, 10, 33-43.	0.4	3
81	Map of dermatology: Web image browser for differential diagnosis in dermatology. Indian Journal of Dermatology, Venereology and Leprology, 2006, 72, 72.	0.6	4
82	Response by author. Indian Journal of Dermatology, Venereology and Leprology, 2006, 72, 231.	0.6	0
83	Introducing the National Library for Health Skin Conditions Specialist Library. BMC Dermatology, 2005, 5, 4.	2.1	8
84	Research protocol: EB-GIS4HEALTH UK - foundation evidence base and ontology-based framework of modular, reusable models for UK/NHS health and healthcare GIS applications. International Journal of Health Geographics, 2005, 4, 2.	2.5	8
85	Web GIS in practice III: creating a simple interactive map of England's Strategic Health Authorities using Google Maps API, Google Earth KML, and MSN Virtual Earth Map Control. International Journal of Health Geographics, 2005, 4, 22.	2.5	95
86	Web GIS in practice II: interactive SVG maps of diagnoses of sexually transmitted diseases by Primary Care Trust in London, 1997 - 2003. International Journal of Health Geographics, 2005, 4, 4.	2.5	12
87	On geography and medical journalology: a study of the geographical distribution of articles published in a leading medical informatics journal between 1999 and 2004. International Journal of Health Geographics, 2005, 4, 7.	2.5	16
88	British Internet-Derived Patient Information on Diabetes Mellitus: Is It Readable?. Diabetes Technology and Therapeutics, 2005, 7, 528-535.	4.4	55
89	A Synchronous Communication Experiment within an Online Distance Learning Program: A Case Study. Telemedicine Journal and E-Health, 2005, 11, 583-593.	2.8	41
90	A first look at HealthCyberMap medical semantic subject search engine. Technology and Health Care, 2004, 12, 33-41.	1.2	22

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91	Towards evidence-based, GIS-driven national spatial health information infrastructure and surveillance services in the United Kingdom. <i>International Journal of Health Geographics</i> , 2004, 3, 1.	2.5	225
92	Is NHS dentistry in crisis? 'Traffic light' maps of dentists distribution in England and Wales. <i>International Journal of Health Geographics</i> , 2004, 3, 10.	2.5	23
93	Web GIS in practice: an interactive geographical interface to English Primary Care Trust performance ratings for 2003 and 2004. <i>International Journal of Health Geographics</i> , 2004, 3, 16.	2.5	10
94	Descriptive review of geographic mapping of severe acute respiratory syndrome (SARS) on the Internet. , 2004, 3, 2.		32
95	A first look at HealthCyberMap medical semantic subject search engine. <i>Technology and Health Care</i> , 2004, 12, 33-41.	1.2	6
96	Design, Methods, and Evaluation Directions of a Multi-Access Service for the Management of Diabetes Mellitus Patients. <i>Diabetes Technology and Therapeutics</i> , 2003, 5, 621-629.	4.4	58
97	The use of interactive graphical maps for browsing medical/health Internet information resources. , 2003, 2, 1.		56
98	Location-based health information services: a new paradigm in personalised information delivery. <i>International Journal of Health Geographics</i> , 2003, 2, 2.	2.5	22
99	Geographic information systems and the spiritual dimension of health: a short position paper. <i>International Journal of Health Geographics</i> , 2003, 2, 6.	2.5	5
100	A dynamic problem to knowledge linking Semantic Web service based on clinical codes. <i>Informatics for Health and Social Care</i> , 2002, 27, 127-137.	1.0	8
101	A simple method for serving Web hypermaps with dynamic database drill-down. <i>International Journal of Health Geographics</i> , 2002, 1, 1.	2.5	14
102	HealthCyberMap: a semantic visual browser of medical Internet resources based on clinical codes and the human body metaphor. <i>Health Information and Libraries Journal</i> , 2002, 19, 189-200.	2.5	9
103	Health Geomatics: An Enabling Suite of Technologies in Health and Healthcare. <i>Journal of Biomedical Informatics</i> , 2001, 34, 195-219.	4.3	74
104	The Use of Quality Benchmarking in Assessing Web Resources for the Dermatology Virtual Branch Library of the National electronic Library for Health (NeLH). <i>Journal of Medical Internet Research</i> , 2001, 3, e5.	4.3	19
105	3D Virtual Worlds in Higher Education. <i>Advances in Higher Education and Professional Development Book Series</i> , 0, , 212-240.	0.2	6
106	LiveWell â€“ Promoting Healthy Living and Wellbeing for Parkinson Patients through Social Network and ICT Training. , 0, , 430-445.		1