Maged N Kamel Boulos

List of Publications by Year
in descending order

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	How smartphones are changing the face of mobile and participatory healthcare: an overview, with example from eCAALYX. BioMedical Engineering OnLine, 2011, 10, 24.	2.7	784
2	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
3	The emerging WebÂ2.0 social software: an enabling suite of sociable technologies in health and health care education1. Health Information and Libraries Journal, 2007, 24, 2-23.	2.5	663
4	Second Life: an overview of the potential of 3â€Ð virtual worlds in medical and health education. Health Information and Libraries Journal, 2007, 24, 233-245.	2.5	500
5	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. International Journal of Health Geographics, 2020, 19, 8.	2.5	497
6	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
7	Crowdsourcing, citizen sensing and sensor web technologies for public and environmental health surveillance and crisis management: trends, OGC standards and application examples. International Journal of Health Geographics, 2011, 10, 67.	2.5	296
8	Towards evidence-based, GIS-driven national spatial health information infrastructure and surveillance services in the United Kingdom. International Journal of Health Geographics, 2004, 3, 1.	2.5	225
9	Effective uses of social media in public health and medicine: a systematic review of systematic reviews. Online Journal of Public Health Informatics, 2018, 10, e215.	0.7	184
10	Scope, Completeness, and Accuracy of Drug Information in Wikipedia. Annals of Pharmacotherapy, 2008, 42, 1814-1821.	1.9	162
11	Instagram and WhatsApp in Health and Healthcare: An Overview. Future Internet, 2016, 8, 37.	3.8	156
12	Geospatial blockchain: promises, challenges, and scenarios in health and healthcare. International Journal of Health Geographics, 2018, 17, 25.	2.5	153
13	Real-time locating systems (RTLS) in healthcare: a condensed primer. International Journal of Health Geographics, 2012, 11, 25.	2.5	142
14	Digital Twins: From Personalised Medicine to Precision Public Health. Journal of Personalized Medicine, 2021, 11, 745.	2.5	142
15	Leveraging Data Science to Combat COVID-19: A Comprehensive Review. IEEE Transactions on Artificial Intelligence, 2020, 1, 85-103.	4.7	134
16	Head-Mounted Virtual Reality and Mental Health: Critical Review of Current Research. JMIR Serious Games, 2018, 6, e14.	3.1	129
17	COVID-19 Misinformation Online and Health Literacy: A Brief Overview. International Journal of Environmental Research and Public Health, 2021, 18, 8091.	2.6	126
18	On the Internet of Things, smart cities and the WHO Healthy Cities. International Journal of Health Geographics, 2014, 13, 10.	2.5	123

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19	Robots in Health and Social Care: A Complementary Technology to Home Care and Telehealthcare?. Robotics, 2014, 3, 1-21.	3.5	113
20	Google Scholar is not enough to be used alone for systematic reviews. Online Journal of Public Health Informatics, 2013, 5, 214.	0.7	99
21	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
22	Exergames for health and fitness: the roles of GPS and geosocial apps. International Journal of Health Geographics, 2013, 12, 18.	2.5	88
23	An overview of GeoAI applications in health and healthcare. International Journal of Health Geographics, 2019, 18, 7.	2.5	85
24	Web GIS in practice X: a Microsoft Kinect natural user interface for Google Earth navigation. International Journal of Health Geographics, 2011, 10, 45.	2.5	83
25	Social Web mining and exploitation for serious applications: Technosocial Predictive Analytics and related technologies for public health, environmental and national security surveillance. Computer Methods and Programs in Biomedicine, 2010, 100, 16-23.	4.7	82
26	COVID-19 digital contact tracing applications and techniques: A review post initial deployments. Transportation Engineering, 2021, 5, 100072.	4.2	81
27	Connectivity for Healthcare and Well-Being Management: Examples from Six European Projects. International Journal of Environmental Research and Public Health, 2009, 6, 1947-1971.	2.6	80
28	Health Geomatics: An Enabling Suite of Technologies in Health and Healthcare. Journal of Biomedical Informatics, 2001, 34, 195-219.	4.3	74
29	CAALYX: a new generation of location-based services in healthcare. International Journal of Health Geographics, 2007, 6, 9.	2.5	73
30	Xbox 360 Kinect Exergames for Health. Games for Health Journal, 2012, 1, 326-330.	2.0	63
31	From urban planning and emergency training to PokÃ©mon 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
32	Innovations in health care services: The CAALYX system. International Journal of Medical Informatics, 2013, 82, e307-e320.	3.3	62
33	Design, Methods, and Evaluation Directions of a Multi-Access Service for the Management of Diabetes Mellitus Patients. Diabetes Technology and Therapeutics, 2003, 5, 621-629.	4.4	58
34	Towards an â€œInternet of Foodâ€: Food Ontologies for the Internet of Things. Future Internet, 2015, 7, 372-392.	3.8	58
35	The use of interactive graphical maps for browsing medical/health Internet information resources. , 2003, 2, 1.		56
36	British Internet-Derived Patient Information on Diabetes Mellitus: Is It Readable?. Diabetes Technology and Therapeutics, 2005, 7, 528-535.	4.4	55

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37	Digital Games for Type 1 and Type 2 Diabetes: Underpinning Theory With Three Illustrative Examples. JMIR Serious Games, 2015, 3, e3.	3.1	49
38	Musings on privacy issues in health research involving disaggregate geographic data about individuals. International Journal of Health Geographics, 2009, 8, 46.	2.5	46
39	Web GIS in practice VI: a demo playlist of geo-mashups for public health neogeographers. International Journal of Health Geographics, 2008, 7, 38.	2.5	43
40	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
41	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
42	Web GIS in practice VIII: HTML5 and the canvas element for interactive online mapping. International Journal of Health Geographics, 2010, 9, 14.	2.5	40
43	Web GIS in practice V: 3-D interactive and real-time mapping in Second Life. International Journal of Health Geographics, 2007, 6, 51.	2.5	39
44	Descriptive review of geographic mapping of severe acute respiratory syndrome (SARS) on the Internet. , 2004, 3, 2.		32
45	Web 3D for Public, Environmental and Occupational Health: Early Examples from Second LifeÂ®. International Journal of Environmental Research and Public Health, 2008, 5, 290-317.	2.6	32
46	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
47	The University of Plymouth Sexual Health SIM experience in Second LifeÂ®: evaluation and reflections after 1Âyear. Health Information and Libraries Journal, 2009, 26, 279-288.	2.5	25
48	Enablers and inhibitors: A review of the situation regarding mHealth adoption in low- and middle-income countries. Health Policy and Technology, 2018, 7, 88-97.	2.5	25
49	Scientific discourse 2.0. Will your next poster session be in Second Life Â®?. EMBO Reports, 2008, 9, 496-499.	4.5	24
50	Is NHS dentistry in crisis? 'Traffic light' maps of dentists distribution in England and Wales. International Journal of Health Geographics, 2004, 3, 10.	2.5	23
51	Use of Live Interactive Webcasting for an International Postgraduate Module in eHealth: Case Study Evaluation. Journal of Medical Internet Research, 2009, 11, e46.	4.3	23
52	Location-based health information services: a new paradigm in personalised information delivery. International Journal of Health Geographics, 2003, 2, 2.	2.5	22
53	A first look at HealthCyberMap medical semantic subject search engine. Technology and Health Care, 2004, 12, 33-41.	1.2	22
54	Geo-enabled technologies for independent living: Examples from four European projects. Technology and Disability, 2011, 23, 7-17.	0.6	22

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55	Blockchain solutions for healthcare. , 2020, , 519-524.		22
56	The perceived impact of location privacy: A web-based survey of public health perspectives and requirements in the UK and Canada. BMC Public Health, 2008, 8, 156.	2.9	20
57	Web GIS in practice IX: a demonstration of geospatial visual analytics using Microsoft Live Labs Pivot technology and WHO mortality data. International Journal of Health Geographics, 2011, 10, 19.	2.5	19
58	The Use of Quality Benchmarking in Assessing Web Resources for the Dermatology Virtual Branch Library of the National electronic Library for Health (NeLH). Journal of Medical Internet Research, 2001, 3, e5.	4.3	19
59	Accuracy of Geographically Targeted Internet Advertisements on Google Adwords for Recruitment in a Randomized Trial. Journal of Medical Internet Research, 2012, 14, e84.	4.3	17
60	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
61	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
62	An eight-year snapshot of geospatial cancer research (2002â€“2009): clinico-epidemiological and methodological findings and trends. Medical Oncology, 2011, 28, 1145-1162.	2.5	16
63	Preliminary survey of leading general medicine journalsâ€™ use of Facebook and Twitter. Journal of the Canadian Health Libraries Association, 2014, 33, 38.	0.3	16
64	A simple method for serving Web hypermaps with dynamic database drill-down. International Journal of Health Geographics, 2002, 1, 1.	2.5	14
65	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
66	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. International Journal of Health Geographics, 2021, 20, 12.	2.5	13
67	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
68	Geographic Information Systems for Healthcare Organizations. CIN - Computers Informatics Nursing, 2009, 27, 50-56.	0.5	12
69	Semantic Wikis: A Comprehensible Introduction with Examples from the Health Sciences. Journal of Emerging Technologies in Web Intelligence, 2009, 1, .	0.6	11
70	Web GIS in practice: an interactive geographical interface to English Primary Care Trust performance ratings for 2003 and 2004. International Journal of Health Geographics, 2004, 3, 16.	2.5	10
71	Mobile physical activity planning and tracking: a brief overview of current options and desiderata for future solutions. MHealth, 2021, 7, 13-13.	1.6	10
72	HealthCyberMap: a semantic visual browser of medical Internet resources based on clinical codes and the human body metaphor. Health Information and Libraries Journal, 2002, 19, 189-200.	2.5	9

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73	Web GIS in practice VII: stereoscopic 3-D solutions for online maps and virtual globes. International Journal of Health Geographics, 2009, 8, 59.	2.5	9
74	Geospatial resources for supporting data standards, guidance and best practice in health informatics. BMC Research Notes, 2011, 4, 19.	1.4	9
75	A dynamic problem to knowledge linking Semantic Web service based on clinical codes. Informatics for Health and Social Care, 2002, 27, 127-137.	1.0	8
76	Introducing the National Library for Health Skin Conditions Specialist Library. BMC Dermatology, 2005, 5, 4.	2.1	8
77	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
78	Reconciling public health common good and individual privacy: new methods and issues in geoprivacy. International Journal of Health Geographics, 2022, 21, 1.	2.5	8
79	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. Healthcare Informatics Research, 2012, 18, 252.	1.9	6
80	3D Virtual Worlds in Higher Education. Advances in Higher Education and Professional Development Book Series, 0, , 212-240.	0.2	6
81	A first look at HealthCyberMap medical semantic subject search engine. Technology and Health Care, 2004, 12, 33-41.	1.2	6
82	Geographic information systems and the spiritual dimension of health: a short position paper. International Journal of Health Geographics, 2003, 2, 6.	2.5	5
83	Musings on the State of '3-D Virtual Worlds for Health and Healthcare' in 2009. Journal of Virtual Worlds Research, 2009, 2, .	0.7	5
84	Data Quality: A Negotiator between Paper-Based and Digital Records in Pakistanâ€™s TB Control Program. Data, 2018, 3, 27.	2.3	5
85	LiveWell â€“ 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
86	Leveraging Technology for Health Equity. , 2016, , 277-301.		4
87	Measuring managementâ€™s perspective of data quality in Pakistanâ€™s Tuberculosis control programme: a test-based approach to identify data quality dimensions. BMC Research Notes, 2018, 11, 40.	1.4	4
88	Opportunistic atrial fibrillation screening and detection in â€œself-service health check-up stationsâ€• a brief overview of current technology potential and possibilities. MHealth, 2021, 7, 12-12.	1.6	4
89	Map of dermatology: Web image browser for differential diagnosis in dermatology. Indian Journal of Dermatology, Venereology and Leprology, 2006, 72, 72.	0.6	4
90	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. Remote Sensing, 2022, 14, 2996.	4.0	4

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91	Access to Online Information by Adult Saudi Cancer Patients. Journal of Consumer Health on the Internet, 2006, 10, 33-43.	0.4	3
92	Patient Preferences for Online Person-Person Support. , 2009, , 52-74.		3
93	Multidimensional Point Transform for Public Health Practice. Methods of Information in Medicine, 2012, 51, 63-73.	1.2	3
94	Map of dermatology: 'first-impression' user feedback and agenda for further development. Health Information and Libraries Journal, 2006, 23, 203-213.	2.5	2
95	Pitfalls in 3-D Virtual Worlds Health Project Evaluations: The Trap of Drug-trial-style Media Comparative Studies. Journal of Virtual Worlds Research, 2009, 2, .	0.7	2
96	Geosemantically-enhanced PubMed queries using the GeoNames ontology and Web Services. , 2012, , .		2
97	Use of avatar virtual conferencing to co-ordinate cardiac multi-centre research. International Journal of Cardiology, 2014, 176, 1086-1088.	1.7	2
98	Stereoscopic 3-D solutions for online maps and virtual globes. Lecture Notes in Geoinformation and Cartography, 2011, , 391-412.	1.0	2
99	Do adverts increase the probability of finding online cognitive behavioural therapy for depression? Cross-sectional study. BMJ Open, 2012, 2, e000800.	1.9	1
100	Acknowledgement of manuscript reviewers 2015. International Journal of Health Geographics, 2016, 15, .	2.5	1
101	BlogBrain Ops: Proposal for a Semi-automatic Social Web Mining and Cyberinfluence Decision-support Tool for Info Ops Teams. Journal of Emerging Technologies in Web Intelligence, 2011, 3, .	0.6	1
102	LiveWell â€“ Promoting Healthy Living and Wellbeing for Parkinson Patients through Social Network and ICT Training. , 0, , 430-445.		1
103	Acknowledgement of manuscript reviewers 2014. International Journal of Health Geographics, 2015, 14, 6.	2.5	0
104	A Framework for Improving the Engagement of Medical Practitioners in an E-Training Platform for Tuberculosis Care and Prevention. Future Internet, 2019, 11, 6.	3.8	0
105	Response by author. Indian Journal of Dermatology, Venereology and Leprology, 2006, 72, 231.	0.6	0
106	E-Health and Psychology. , 2016, , 544-554.		0