Adam G Dunn

List of Publications by Year
in descending order

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98 papers	3,331 citations	201674 27 h-index	175258 52 g-index
104 all docs	104 docs citations	104 times ranked	4408 citing authors

#	Article	IF	Citations
1	Hybrid Text Representation for Explainable Suicide Risk Identification on Social Media. IEEE Transactions on Computational Social Systems, 2024, , 1-10.	4.4	6
2	Robust Identification of Figurative Language in Personal Health Mentions on Twitter. IEEE Transactions on Artificial Intelligence, 2023, 4, 362-372.	4.7	0
3	RHMD: A Real-World Dataset for Health Mention Classification on Reddit. IEEE Transactions on Computational Social Systems, 2023, 10, 2325-2334.	4.4	2
4	Association Between Conflicts of Interest and Authorsâ€™ Positions on Harms of Varenicline: a Cross-Sectional Analysis. Journal of General Internal Medicine, 2022, 37, 290-297.	2.6	3
5	Ensuring Prevention Science Research is Synthesis-Ready for Immediate and Lasting Scientific Impact. Prevention Science, 2022, 23, 809-820.	2.6	6
6	Factors influencing healthcare seeking in patients with dengue: Systematic review. Tropical Medicine and International Health, 2022, 27, 13-27.	2.3	4
7	Social connections influencing e-cigarette use and intentions in Australia: a survey. Journal of Addictive Diseases, 2022, 40, 357-365.	1.3	1
8	Identifying unreported links between ClinicalTrials.gov trial registrations and their published results. Research Synthesis Methods, 2022, 13, 342-352.	8.7	4
9	Benchmarking for biomedical natural language processing tasks with a domain specific ALBERT. BMC Bioinformatics, 2022, 23, 144.	2.6	17
10	Identification of Disease or Symptom terms in Reddit to Improve Health Mention Classification. , 2022, , .		14
11	Early Identification of Depression Severity Levels on Reddit Using Ordinal Classification. , 2022, , .		21
12	Characteristics of clinical trials associated with early results reporting at ClinicalTrials.gov. Contemporary Clinical Trials, 2022, 117, 106785.	1.8	1
13	Reporting of clinical trial safety results in ClinicalTrials.gov for FDA-approved drugs: A cross-sectional analysis. Clinical Trials, 2022, 19, 442-451.	1.6	5
14	Association between online health information-seeking and medication adherence: A systematic review and meta-analysis. Digital Health, 2022, 8, 205520762210977.	1.8	11
15	mHealth adoption among primary care physicians in Malaysia and its associated factors: a cross-sectional study. Family Practice, 2021, 38, 210-217.	1.9	15
16	A ruleâ€based approach for automatically extracting data from systematic reviews and their updates to model the risk of conclusion change. Research Synthesis Methods, 2021, 12, 216-225.	8.7	2
17	Repurposing existing medications for coronavirus disease 2019: protocol for a rapid and living systematic review. Systematic Reviews, 2021, 10, 143.	5.3	2
18	Classifying vaccine sentiment tweets by modelling domain-specific representation and commonsense knowledge into context-aware attentive GRU. , 2021, , .		7

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19	A Public Health Research Agenda for Managing Infodemics: Methods and Results of the First WHO Infodemiology Conference. JMIR Infodemiology, 2021, 1, e30979.	2.4	78
20	Knowing when to act: A call for an open misinformation library to guide actionable surveillance. Big Data and Society, 2021, 8, 205395172110187.	4.5	6
21	Addressing Myths and Vaccine Hesitancy: A Randomized Trial. Pediatrics, 2021, 148, e2020049304.	2.1	6
22	The automation of relevant trial registration screening for systematic review updates: an evaluation study on a large dataset of ClinicalTrials.gov registrations. BMC Medical Research Methodology, 2021, 21, 281.	3.1	3
23	Mining Twitter to assess the determinants of health behavior toward human papillomavirus vaccination in the United States. Journal of the American Medical Informatics Association: JAMIA, 2020, 27, 225-235.	4.4	35
24	Social Influence in the Uptake and Use of Electronic Cigarettes: A Systematic Review. American Journal of Preventive Medicine, 2020, 58, 129-141.	3.0	62
25	Limited Role of Bots in Spreading Vaccine-Critical Information Among Active Twitter Users in the United States: 2017â€“2019. American Journal of Public Health, 2020, 110, S319-S325.	2.7	32
26	Improving researchersâ€™ conflict of interest declarations. BMJ, The, 2020, 368, m422.	6.0	18
27	Recommending research articles to consumers of online vaccination information. Quantitative Science Studies, 2020, , 1-14.	3.3	0
28	A systematic review of studies that measure parental vaccine attitudes and beliefs in childhood vaccination. BMC Public Health, 2020, 20, 1253.	2.9	54
29	Using social media for vaccination promotion: Practices and challenges. Digital Health, 2020, 6, 205520762097078.	1.8	35
30	Why do people start or stop using eâ€cigarettes in Australia? A qualitative interviewâ€based study. Health Promotion Journal of Australia, 2020, 32 Suppl 2, 358-366.	1.2	1
31	Is it time for computable evidence synthesis?. Journal of the American Medical Informatics Association: JAMIA, 2020, 27, 972-975.	4.4	12
32	Exposure to e-cigarette information and advertising in social media and e-cigarette use in Australia: A mixed methods study. Drug and Alcohol Dependence, 2020, 213, 108112.	3.2	13
33	A new ecosystem for evidence synthesis. Nature Ecology and Evolution, 2020, 4, 498-501.	7.8	39
34	Will online symptom checkers improve health care in Australia?. Medical Journal of Australia, 2020, 212, 512-513.	1.7	6
35	How to Improve Public Health via Mining Social Media Platforms: A Case Study of Human Papillomaviruses (HPV). , 2019, , 207-231.		2
36	Event detection on Twitter by mapping unexpected changes in streaming data into a spatiotemporal lattice. IEEE Transactions on Big Data, 2019, , 1-1.	6.1	14

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37	Tracking a moving user in indoor environments using Bluetooth low energy beacons. Journal of Biomedical Informatics, 2019, 98, 103288.	4.3	26
38	Trial2rev: Combining machine learning and crowd-sourcing to create a shared space for updating systematic reviews. JAMIA Open, 2019, 2, 15-22.	2.0	20
39	HPV vaccine coverage in Australia and associations with HPV vaccine information exposure among Australian Twitter users. Human Vaccines and Immunotherapeutics, 2019, 15, 1488-1495.	3.3	25
40	Software engineering principles address current problems in the systematic review ecosystem. Journal of Clinical Epidemiology, 2019, 109, 136-141.	5.0	5
41	The timing and frequency of trial inclusion in systematic reviews of typeÂ2 diabetes drugs was associated with trial characteristics. Journal of Clinical Epidemiology, 2019, 109, 62-69.	5.0	3
42	The risk of conclusion change in systematic review updates can be estimated by learning from a database of published examples. Journal of Clinical Epidemiology, 2019, 110, 42-49.	5.0	12
43	Pathways to conspiracy: The social and linguistic precursors of involvement in Redditâ€™s conspiracy theory forum. PLoS ONE, 2019, 14, e0225098.	2.5	53
44	Modeling Spatiotemporal Factors Associated With Sentiment on Twitter: Synthesis and Suggestions for Improving the Identification of Localized Deviations. Journal of Medical Internet Research, 2019, 21, e12881.	4.3	14
45	Automatically Appraising the Credibility of Vaccine-Related Web Pages Shared on Social Media: A Twitter Surveillance Study. Journal of Medical Internet Research, 2019, 21, e14007.	4.3	41
46	Prevalence of Disclosed Conflicts of Interest in Biomedical Research and Associations With Journal Impact Factors and Altmetric Scores. JAMA - Journal of the American Medical Association, 2018, 319, 408.	7.4	52
47	Unreported links between trial registrations and published articles were identified using document similarity measures in a cross-sectional analysis of ClinicalTrials.gov. Journal of Clinical Epidemiology, 2018, 95, 94-101.	5.0	11
48	A shared latent space matrix factorisation method for recommending new trial evidence for systematic review updates. Journal of Biomedical Informatics, 2018, 79, 32-40.	4.3	14
49	Time-to-update of systematic reviews relative to the availability of new evidence. Systematic Reviews, 2018, 7, 195.	5.3	37
50	Social media interventions for precision public health: promises and risks. Npj Digital Medicine, 2018, 1, .	10.9	48
51	Registration of published randomized trials: a systematic review and meta-analysis. BMC Medicine, 2018, 16, 173.	5.5	53
52	Conversational agents in healthcare: a systematic review. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 1248-1258.	4.4	646
53	Mapping information exposure on social media to explain differences in HPV vaccine coverage in the United States. Vaccine, 2017, 35, 3033-3040.	3.8	195
54	Comparing human papillomavirus vaccine concerns on Twitter: a cross-sectional study of users in Australia, Canada and the UK. BMJ Open, 2017, 7, e016869.	1.9	45

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55	Conclusions in systematic reviews of mammography for breast cancer screening and associations with review design and author characteristics. Systematic Reviews, 2017, 6, 105.	5.3	17
56	A systematic review of the processes used to link clinical trial registrations to their published results. Systematic Reviews, 2017, 6, 123.	5.3	37
57	Set up a public registry of competing interests. Nature, 2016, 533, 9-9.	27.8	3
58	Financial competing interests were associated with favorable conclusions and greater author productivity in nonsystematic reviews of neuraminidase inhibitors. Journal of Clinical Epidemiology, 2016, 80, 43-49.	5.0	6
59	Systematic review protocol assessing the processes for linking clinical trial registries and their published results. BMJ Open, 2016, 6, e013048.	1.9	8
60	Conflict of interest disclosure in biomedical research: a review of current practices, biases, and the role of public registries in improving transparency. Research Integrity and Peer Review, 2016, 1, .	5.2	118
61	Strengthening the capacity of nursing leaders through multifaceted professional development initiatives: A mixed method evaluation of the â€˜Take The Leadâ€™ program. Collegian, 2016, 23, 19-28.	1.3	18
62	Characterizing Twitter Discussions About HPV Vaccines Using Topic Modeling and Community Detection. Journal of Medical Internet Research, 2016, 18, e232.	4.3	138
63	Bringing cohort studies to the bedside: framework for a â€˜green buttonâ€™ to support clinical decision-making. Journal of Comparative Effectiveness Research, 2015, 4, 191-197.	1.4	43
64	Citations alone were enough to predict favorable conclusions in reviews of neuraminidase inhibitors. Journal of Clinical Epidemiology, 2015, 68, 87-93.	5.0	10
65	Associations Between Exposure to and Expression of Negative Opinions About Human Papillomavirus Vaccines on Social Media: An Observational Study. Journal of Medical Internet Research, 2015, 17, e144.	4.3	200
66	Using social connection information to improve opinion mining: Identifying negative sentiment about HPV vaccines on Twitter. Studies in Health Technology and Informatics, 2015, 216, 761-5.	0.3	40
67	Financial Conflicts of Interest and Conclusions About Neuraminidase Inhibitors for Influenza. Annals of Internal Medicine, 2014, 161, 513.	3.9	68
68	Should comparative effectiveness research ignore industry-funded data?. Journal of Comparative Effectiveness Research, 2014, 3, 317-320.	1.4	8
69	Systematic review automation technologies. Systematic Reviews, 2014, 3, 74.	5.3	282
70	Citation networks of related trials are often disconnected: implications for bidirectional citation searches. Journal of Clinical Epidemiology, 2014, 67, 793-799.	5.0	28
71	Is Biblioleaks Inevitable?. Journal of Medical Internet Research, 2014, 16, e112.	4.3	13
72	Automatic Evidence Retrieval for Systematic Reviews. Journal of Medical Internet Research, 2014, 16, e223.	4.3	39

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73	Computer Modelling as an Aid to Forest and Woodland Restoration. Open Journal of Forestry, 2014, 04, 112-123.	0.3	0
74	The management of severe hypertension in Australian general practice. BMC Health Services Research, 2013, 13, 414.	2.2	3
75	Role of electronic health records in comparative effectiveness research. Journal of Comparative Effectiveness Research, 2013, 2, 529-532.	1.4	29
76	Industry influence in evidence production. Journal of Epidemiology and Community Health, 2013, 67, 537-538.	3.7	2
77	The automation of systematic reviews. BMJ, The, 2013, 346, f139-f139.	6.0	103
78	The Effects of Industry Sponsorship on Comparator Selection in Trial Registrations for Neuropsychiatric Conditions in Children. PLoS ONE, 2013, 8, e84951.	2.5	16
79	Social and Self-Reflective Use of a Web-Based Personally Controlled Health Management System. Journal of Medical Internet Research, 2013, 15, e211.	4.3	16
80	Consumers' online social network topologies and health behaviours. Studies in Health Technology and Informatics, 2013, 192, 77-81.	0.3	5
81	Learning from Hackers: Open-Source Clinical Trials. Science Translational Medicine, 2012, 4, 132cm5.	12.4	13
82	Patient safety teaching in Australian medical schools: a national survey. Clinical Risk, 2012, 18, 46-51.	0.1	4
83	Investigating patient safety culture across a health system: multilevel modelling of differences associated with service types and staff demographics. International Journal for Quality in Health Care, 2012, 24, 311-320.	1.8	44
84	The Role and Impact of Research Agendas on the Comparative-Effectiveness Research Among Antihyperlipidemics. Clinical Pharmacology and Therapeutics, 2012, 91, 685-691.	4.7	10
85	Industry influenced evidence production in collaborative research communities: A network analysis. Journal of Clinical Epidemiology, 2012, 65, 535-543.	5.0	10
86	Nation-scale adoption of new medicines by doctors: an application of the Bass diffusion model. BMC Health Services Research, 2012, 12, 248.	2.2	20
87	Agent-Based Modelling for Risk Assessment of Routine Clinical Processes. Lecture Notes in Computer Science, 2012, , 511-522.	1.3	1
88	Challenges in Measuring the Impact of Interruption on Patient Safety and Workflow Outcomes. Methods of Information in Medicine, 2011, 50, 447-453.	1.2	21
89	Interpreting social network metrics in healthcare organisations: A review and guide to validating small networks. Social Science and Medicine, 2011, 72, 1064-1068.	3.8	38
90	A simulation framework for mapping risks in clinical processes: the case of in-patient transfers. Journal of the American Medical Informatics Association: JAMIA, 2011, 18, 259-266.	4.4	14

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91	Gridâ€induced biases in connectivity metric implementations that use regular grids. Ecography, 2010, 33, 627-631.	4.5	5
92	Hierarchical Cellular Automata Methods. Understanding Complex Systems, 2010, , 59-80.	0.6	3
93	Diffusion of Competing Innovations: The Effects of Network Structure on the Provision of Healthcare. Jasss, 2010, 13, .	1.8	15
94	Measuring connectivity patterns in a macroâ€corridor on the south coast of Western Australia. Ecological Management and Restoration, 2009, 10, 51-57.	1.5	4
95	In response to the continuum model for fauna research: a hierarchical, patchâ€based model of spatial landscape patterns. Oikos, 2007, 116, 1413-1418.	2.7	23
96	Simulating Weed Propagation Via Hierarchical, Patch-Based Cellular Automata. Lecture Notes in Computer Science, 2007, , 762-769.	1.3	5
97	In response to the continuum model for fauna research: a hierarchical, patch-based model of spatial landscape patterns. Oikos, 2007, 116, 1413-1418.	2.7	0
98	Modelling Wildfire Dynamics via Interacting Automata. Lecture Notes in Computer Science, 2004, , 395-404.	1.3	9