Guy Tsafnat

List of Publications by Year
in descending order

40	2,745	430874	377865
papers	citations	18	34
		h-index	g-index

40	40	40	3870
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Gene cassettes and cassette arrays in mobile resistance integrons. FEMS Microbiology Reviews, 2009, 33, 757-784.	8.6	555
2	Living systematic review: 1. Introduction—the why, what, when, and how. Journal of Clinical Epidemiology, 2017, 91, 23-30.	5.0	406
3	Systematic review automation technologies. Systematic Reviews, 2014, 3, 74.	5.3	282
4	Living systematic reviews: 2. Combining human and machine effort. Journal of Clinical Epidemiology, 2017, 91, 31-37.	5.0	246
5	Advances in the calibration of atom probe tomographic reconstruction. Journal of Applied Physics, 2009, 105, .	2.5	214
6	Living systematic reviews: 4. Living guideline recommendations. Journal of Clinical Epidemiology, 2017, 91, 47-53.	5.0	184
7	The automation of systematic reviews. BMJ, The, 2013, 346, f139-f139.	6.0	103
8	Living systematic reviews: 3. Statistical methods for updating meta-analyses. Journal of Clinical Epidemiology, 2017, 91, 38-46.	5.0	102
9	Making progress with the automation of systematic reviews: principles of the International Collaboration for the Automation of Systematic Reviews (ICASR). Systematic Reviews, 2018, 7, 77.	5.3	97
10	Financial Conflicts of Interest and Conclusions About Neuraminidase Inhibitors for Influenza. Annals of Internal Medicine, 2014, 161, 513.	3.9	68
11	A question of trust: can we build an evidence base to gain trust in systematic review automation technologies?. Systematic Reviews, 2019, 8, 143.	5.3	58
12	RAC: Repository of Antibiotic resistance Cassettes. Database: the Journal of Biological Databases and Curation, 2011, 2011, bar054-bar054.	3.0	57
13	Automated annotation of mobile antibiotic resistance in Gram-negative bacteria: the Multiple Antibiotic Resistance Annotator (MARA) and database. Journal of Antimicrobial Chemotherapy, 2018, 73, 883-890.	3.0	57
14	Automatic Evidence Retrieval for Systematic Reviews. Journal of Medical Internet Research, 2014, 16, e223.	4.3	39
15	Genetic and Epigenetic Biomarkers of Colorectal Cancer. Clinical Gastroenterology and Hepatology, 2012, 10, 9-15.	4.4	37
16	Micro-finite element modelling of coke blends using X-ray microtomography. Fuel, 2008, 87, 2983-2987.	6.4	32
17	Citation networks of related trials are often disconnected: implications for bidirectional citation searches. Journal of Clinical Epidemiology, 2014, 67, 793-799.	5.0	28
18	Automated screening of research studies for systematic reviews using study characteristics. Systematic Reviews, 2018, 7, 64.	5.3	28

#	Article	IF	Citations
19	Measuring the effects of computer downtime on hospital pathology processes. Journal of Biomedical Informatics, 2016, 59, 308-315.	4.3	19
20	Evaluation of a rule-based method for epidemiological document classification towards the automation of systematic reviews. Journal of Biomedical Informatics, 2017, 70, 27-34.	4.3	18
21	Automated mineralogy using finite element analysis and X-ray microtomography. Minerals Engineering, 2009, 22, 149-155.	4.3	17
22	Context-driven discovery of gene cassettes in mobile integrons using a computational grammar. BMC Bioinformatics, 2009, 10, 281.	2.6	17
23	Computational Reasoning across Multiple Models. Journal of the American Medical Informatics Association: JAMIA, 2009, 16, 768-774.	4.4	13
24	Citations alone were enough to predict favorable conclusions in reviews of neuraminidase inhibitors. Journal of Clinical Epidemiology, 2015, 68, 87-93.	5.0	10
25	A three-dimensional fractal model of tumour vasculature. , 2004, 2006, 683-6.		8
26	Linking quality indicators to clinical trials: an automated approach. International Journal for Quality in Health Care, 2017, 29, 571-578.	1.8	7
27	BICEPP: an example-based statistical text mining method for predicting the binary characteristics of drugs. BMC Bioinformatics, 2011, 12, 112.	2.6	6
28	Computational inference of grammars for larger-than-gene structures from annotated gene sequences. Bioinformatics, 2011, 27, 791-796.	4.1	6
29	The Field Representation Language. Journal of Biomedical Informatics, 2008, 41, 46-57.	4.3	5
30	The implications of biomarker evidence for systematic reviews. BMC Medical Research Methodology, 2012, 12, 176.	3.1	5
31	Linking clinical quality indicators to research evidence - a case study in asthma management for children. BMC Health Services Research, 2017, 17, 502.	2.2	4
32	A Novel Gene Cassette Potentially Conferring Resistance to Aminoglycosides. Antimicrobial Agents and Chemotherapy, 2012, 56, 4566-4567.	3.2	3
33	Gene–disease association with literature based enrichment. Journal of Biomedical Informatics, 2014, 49, 221-226.	4.3	3
34	Computational Grammars for Interrogation of Genomes. , 2010, , 263-278.		3
35	Role of citation tracking in updating of systematic reviews. AMIA Summits on Translational Science Proceedings, 2014, 2014, 18.	0.4	3
36	Comparing clinical quality indicators for asthma management in children with outcome measures used in randomised controlled trials: a protocol. BMJ Open, 2015, 5, e008819.	1.9	2

#	Article	IF	Citations
37	AFL and FRL: abstraction and representation for field interchange. , 2004, 2004, 5419-22.		1
38	Computational inference of difficult word boundaries in DNA languages. , 2011, , .		1
39	Translational Biomedical Informatics. , 2013, , 2275-2278.		1
40	Citation Enrichment Improves Deduplication of Primary Evidence. Lecture Notes in Computer Science, 2015, , 237-244.	1.3	0