Luke T Slater

List of Publications by Year
in descending order

18 papers	446 citations	1163117 8 h-index	1125743 13 g-index
28 all docs	28 docs citations	28 times ranked	758 citing authors

#	Article	IF	Citations
1	Evaluating semantic similarity methods for comparison of text-derived phenotype profiles. BMC Medical Informatics and Decision Making, 2022, 22, 33.	3.0	0
2	Evaluation and improvement of the National Early Warning Score (NEWS2) for COVID-19: a multi-hospital study. BMC Medicine, 2021, 19, 23.	5.5	80
3	A fast, accurate, and generalisable heuristic-based negation detection algorithm for clinical text. Computers in Biology and Medicine, 2021, 130, 104216.	7.0	12
4	Improved characterisation of clinical text through ontology-based vocabulary expansion. Journal of Biomedical Semantics, 2021, 12, 7.	1.6	8
5	Towards similarity-based differential diagnostics for common diseases. Computers in Biology and Medicine, 2021, 133, 104360.	7.0	14
6	Machine learning risk prediction of mortality for patients undergoing surgery with perioperative SARS-CoV-2: the COVIDSurg mortality score. British Journal of Surgery, 2021, 108, 1274-1292.	0.3	30
7	Development and application of the ocular immune-mediated inflammatory diseases ontology enhanced with synonyms from online patient support forum conversation. Computers in Biology and Medicine, 2021, 135, 104542.	7.0	2
8	Redefining Î²-blocker response in heart failure patients with sinus rhythm and atrial fibrillation: a machine learning cluster analysis. Lancet, The, 2021, 398, 1427-1435.	13.7	52
9	Multi-faceted semantic clustering with text-derived phenotypes. Computers in Biology and Medicine, 2021, 138, 104904.	7.0	3
10	Effects of Negation and Uncertainty Stratification on Text-Derived Patient Profile Similarity. Frontiers in Digital Health, 2021, 3, 781227.	2.8	0
11	Exploring Sentiment as a Potential Indicator of Bias in Disease Ontologies. , 2021, , .		0
12	Towards semantic interoperability: finding and repairing hidden contradictions in biomedical ontologies. BMC Medical Informatics and Decision Making, 2020, 20, 311.	3.0	10
13	Can an InChI for Nano Address the Need for a Simplified Representation of Complex Nanomaterials across Experimental and Nanoinformatics Studies?. Nanomaterials, 2020, 10, 2493.	4.1	28
14	Aging Neuro-Behavior Ontology. Applied Ontology, 2020, 15, 219-239.	2.0	4
15	A Practical Guide to Assess the Reproducibility of Echocardiographic Measurements. Journal of the American Society of Echocardiography, 2019, 32, 1505-1515.	2.8	98
16	Experiences with Aber-OWL, an Ontology Repository with OWL EL Reasoning. Lecture Notes in Computer Science, 2016, , 81-86.	1.3	0
17	Using AberOWL for fast and scalable reasoning over BioPortal ontologies. Journal of Biomedical Semantics, 2016, 7, 49.	1.6	14
18	Aber-OWL: a framework for ontology-based data access in biology. BMC Bioinformatics, 2015, 16, 26.	2.6	68