

# William John Teahan

## List of Publications by Year in descending order

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24  
papers

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citations

1684188

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1372567

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all docs

24  
docs citations

24  
times ranked

123  
citing authors

#	ARTICLE	IF	CITATIONS
1	Using Compression to Discover Interesting Behaviours in a Hybrid Braitenberg Vehicle. IEEE Access, 2021, 9, 11316-11327.	4.2	1
2	Tracking the fine scale movements of fish using autonomous maritime robotics: A systematic state of the art review. Ocean Engineering, 2021, 229, 108650.	4.3	7
3	Using compression to find interesting one-dimensional cellular automata. Complex & Intelligent Systems, 2020, 6, 123-146.	6.5	1
4	Sexbots: a case for artificial ethical agents. Connection Science, 2020, 32, 204-221.	3.0	3
5	Enhancing the stability of organic photovoltaics through machine learning. Nano Energy, 2020, 78, 105342.	16.0	34
6	Compression versus traditional machine learning classifiers to detect code-switching in varieties and dialects: Arabic as a case study. Natural Language Engineering, 2020, 26, 663-676.	2.5	3
7	Using Large Datasets of Organic Photovoltaic Performance Data to Elucidate Trends in Reliability Between 2009 and 2019. IEEE Journal of Photovoltaics, 2019, 9, 1768-1773.	2.5	10
8	Automatic Correction of Arabic Dyslexic Text. Computers, 2019, 8, 19.	3.3	5
9	An automatic cryptanalysis of simple substitution ciphers using compression. Information Security Journal, 2018, 27, 57-75.	1.9	4
10	A Compression-Based Toolkit for Modelling and Processing Natural Language Text. Information (Switzerland), 2018, 9, 294.	2.9	7
11	Virtual reality's effect on parameter optimisation for crowd-sourced procedural animation. Visual Computer, 2018, 34, 1255-1268.	3.5	2
12	A Grammar-Directed Heuristic Optimisation Algorithm and Comparisons with Grammatical Evolution on the Artificial Ant Problem. Communications in Computer and Information Science, 2018, , 73-90.	0.5	1
13	Tag based models for Arabic text compression. , 2017, , .		4
14	Crowd-Sourced Procedural Animation Optimisation: Comparing Desktop and VR Behaviour. , 2017, , .		3
15	Alpha Multipliers Breadth-First Search Technique for Resource Discovery in Unstructured Peer-to-Peer Networks. International Journal on Advanced Science, Engineering and Information Technology, 2017, 7, 1403.	0.4	8
16	Arabic OCR evaluation tool. , 2016, , .		9
17	Action selection through affective states modelling. , 2016, , .		0
18	A New Parallel Corpus of Arabic/English. , 2016, , .		3

#	ARTICLE	IF	CITATIONS
19	Towards Crowd-Sourced Parameter Optimisation for Procedural Animation. , 2015, , .		3
20	Does the Perceived Identity of Non-player Characters Change How We Interact with Them?. , 2015, , .		2
21	Storyboarding for visual analytics. Information Visualization, 2015, 14, 27-50.	1.9	15
22	Adaptive compression-based models of Chinese text. , 2014, , .		1
23	Universal Text Preprocessing and Postprocessing for PPM Using Alphabet Adjustment. , 2014, , .		1
24	epSpread - Storyboarding for visual analytics. , 2011, , .		1