David Rozado

List of Publications by Year
in descending order

		840776	752698
27 papers	**837** citations	**11** h-index	**20** g-index
28 all docs	**28** docs citations	**28** times ranked	**1948** citing authors

#	Article	IF	Citations
1	A High-Resolution Anatomical Atlas of the Transcriptome in the Mouse Embryo. PLoS Biology, 2011, 9, e1000582.	5.6	552
2	Controlling a Smartphone Using Gaze Gestures as the Input Mechanism. Human-Computer Interaction, 2015, 30, 34-63.	4.4	34
3	Improving the Performance of an EEG-Based Motor Imagery Brain Computer Interface Using Task Evoked Changes in Pupil Diameter. PLoS ONE, 2015, 10, e0121262.	2.5	30
4	Combining EEG with Pupillometry to Improve Cognitive Workload Detection. Computer, 2015, 48, 18-25.	1.1	26
5	Wide range screening of algorithmic bias in word embedding models using large sentiment lexicons reveals underreported bias types. PLoS ONE, 2020, 15, e0231189.	2.5	23
6	Gliding and saccadic gaze gesture recognition in real time. ACM Transactions on Interactive Intelligent Systems, 2012, 1, 1-27.	3.7	22
7	Extending the bioinspired hierarchical temporal memory paradigm for sign language recognition. Neurocomputing, 2012, 79, 75-86.	5.9	22
8	Fast Human-Computer Interaction by Combining Gaze Pointing and Face Gestures. ACM Transactions on Accessible Computing, 2017, 10, 1-18.	2.4	18
9	Low cost remote gaze gesture recognition in real time. Applied Soft Computing Journal, 2012, 12, 2072-2084.	7.2	17
10	Mouse and Keyboard Cursor Warping to Accelerate and Reduce the Effort of Routine HCI Input Tasks. IEEE Transactions on Human-Machine Systems, 2013, 43, 487-493.	3.5	17
11	Optimizing Hierarchical Temporal Memory for Multivariable Time Series. Lecture Notes in Computer Science, 2010, , 506-518.	1.3	12
12	Prevalence of Prejudice-Denoting Words in News Media Discourse: A Chronological Analysis. Social Science Computer Review, 2023, 41, 99-122.	4.2	12
13	Detecting Intention Through Motor-Imagery-Triggered Pupil Dilations. Human-Computer Interaction, 2019, 34, 83-113.	4.4	7
14	Prejudice and Victimization Themes in New York Times Discourse: a Chronological Analysis. Academic Questions, 2020, 33, 89-100.	0.0	7
15	Gaze dependant prefetching of web content to increase speed and comfort of web browsing. International Journal of Human Computer Studies, 2015, 78, 31-42.	5.6	6
16	Using Word Embeddings to Analyze how Universities Conceptualize â€œDiversityâ€•in their Online Institutional Presence. Society, 2019, 56, 256-266.	1.2	5
17	Using word embeddings to probe sentiment associations of politically loaded terms in news and opinion articles from news media outlets. Journal of Computational Social Science, 0, , 1.	2.4	5
18	Gaze Gesture Recognition with Hierarchical Temporal Memory Networks. Lecture Notes in Computer Science, 2011, , 1-8.	1.3	5

#	Article	IF	Citations
19	Gaze enhanced speech recognition for truly hands-free and efficient text input during HCI. , 2014, , .		3
20	FaceSwitch - Low-Cost Accessibility Software for Computer Control Combining Gaze Interaction and Face Gestures. , 2015, , .		3
21	Why Are Nondiscrimination Statements Not Diverse?. Academic Questions, 2018, 31, 295-303.	0.0	3
22	Interacting with objects in the environment using gaze tracking glasses and speech. , 2014, , .		2
23	Prevalence in News Media of Two Competing Hypotheses about COVID-19 Origins. Social Sciences, 2021, 10, 320.	1.4	2
24	The Increasing Frequency of Terms Denoting Political Extremism in U.S. and U.K. News Media. Social Sciences, 2022, 11, 167.	1.4	2
25	Low cost human-robot gaze estimation system. , 2014, , .		1
26	Otago polytechnic accessibility software hub. , 2017, , .		1
27	The Prevalence of Prejudice-Denoting Terms in Spanish Newspapers. Social Sciences, 2022, 11, 33.	1.4	0