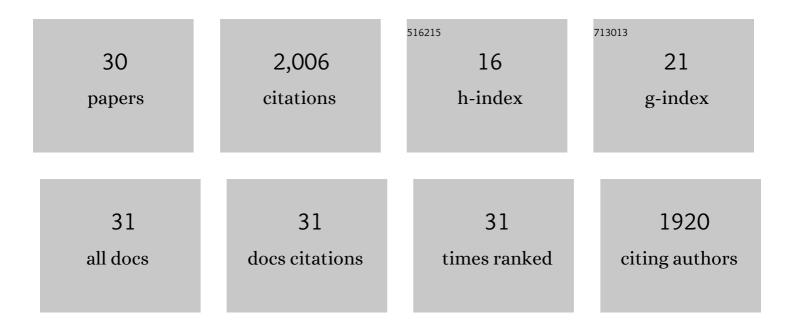
Thorsten O Zander

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Towards passive brain–computer interfaces: applying brain–computer interface technology to human–machine systems in general. Journal of Neural Engineering, 2011, 8, 025005.	1.8	614
2	The hybrid BCI. Frontiers in Neuroscience, 2010, 4, 30.	1.4	431
3	Neuroadaptive technology enables implicit cursor control based on medial prefrontal cortex activity. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 14898-14903.	3.3	125
4	Combining Eye Gaze Input With a Brain–Computer Interface for Touchless Human–Computer Interaction. International Journal of Human-Computer Interaction, 2010, 27, 38-51.	3.3	122
5	A Survey on Unmanned Aerial Vehicle Remote Control Using Brain–Computer Interface. IEEE Transactions on Human-Machine Systems, 2018, 48, 337-348.	2.5	103
6	Using neurophysiological signals that reflect cognitive or affective state: six recommendations to avoid common pitfalls. Frontiers in Neuroscience, 2015, 9, 136.	1.4	99
7	Cognitive state monitoring and the design of adaptive instruction in digital environments: lessons learned from cognitive workload assessment using a passive brain-computer interface approach. Frontiers in Neuroscience, 2014, 8, 385.	1.4	90
8	Evaluation of a Dry EEG System for Application of Passive Brain-Computer Interfaces in Autonomous Driving. Frontiers in Human Neuroscience, 2017, 11, 78.	1.0	58
9	Cognition-Aware Computing. IEEE Pervasive Computing, 2014, 13, 80-83.	1.1	57
10	Editorial: Trends in Neuroergonomics. Frontiers in Human Neuroscience, 2017, 11, 165.	1.0	39
11	SEREEGA: Simulating event-related EEG activity. Journal of Neuroscience Methods, 2018, 309, 13-24.	1.3	37
12	Towards BCI-Based Implicit Control in Human–Computer Interaction. Human-computer Interaction Series, 2014, , 67-90.	0.4	33
13	MATLAB-Based Tools for BCI Research. Human-computer Interaction Series, 2010, , 241-259.	0.4	30
14	A Neuroadaptive Cognitive Model for Dealing With Uncertainty in Tracing Pilots' Cognitive State. Topics in Cognitive Science, 2020, 12, 1012-1029.	1.1	27
15	Workshops of the Sixth International Brain–Computer Interface Meeting: brain–computer interfaces past, present, and future. Brain-Computer Interfaces, 2017, 4, 3-36.	0.9	24
16	Cognitive and affective probing: a tutorial and review of active learning for neuroadaptive technology. Journal of Neural Engineering, 2020, 17, 012001.	1.8	24
17	Passive Brain–Computer Interfaces. , 2018, , 69-86.		20
18	Toward neuroadaptive support technologies for improving digital reading: a passive BCI-based assessment of mental workload imposed by text difficulty and presentation speed during reading. User Modeling and User-Adapted Interaction, 2021, 31, 75-104.	2.9	17

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#	Article	IF	CITATIONS
19	Team PhyPA: Brain-Computer Interfacing for Everyday Human-Computer Interaction. Periodica Polytechnica Electrical Engineering and Computer Science, 2017, 61, 209.	0.6	12
20	Tracing Pilots' Situation Assessment by Neuroadaptive Cognitive Modeling. Frontiers in Neuroscience, 2020, 14, 795.	1.4	12
21	Meyendtris: a hands-free, multimodal tetris clone using eye tracking and passive BCI for intuitive neuroadaptive gaming. , 2017, , .		11
22	Affective Aspects of Perceived Loss of Control and Potential Implications for Brain-Computer Interfaces. Frontiers in Human Neuroscience, 2017, 11, 370.	1.0	6
23	A task-independent workload classifier for neuroadaptive technology: Preliminary data. , 2016, , .		5
24	Towards Task-Independent Workload Classification: Shifting from Binary to Continuous Classification. , 2018, , .		3
25	Towards neuroadaptive modeling: assessing the cognitive states of pilots through passive brain-computer interfacing. , 2022, , 59-73.		3
26	Defining neuroadaptive technology: the trouble with implicit human-computer interaction. , 2022, , 17-42.		2
27	Towards a Conceptual Framework for Cognitive Probing. Lecture Notes in Computer Science, 2018, , 74-78.	1.0	1
28	Salience versus Valence in Implicit Cursor Control: First Indications of Separate Cortical Processes. , 2019, , .		0
29	The impact of electrode shifts on BCI classifier accuracy. , 2022, , 201-220.		0
30	Investigating the Single Trial Detectability of Cognitive Face Processing by a Passive Brain-Computer Interface. Frontiers in Neuroergonomics, 2022, 2, .	0.6	0