

Azadeh Kushki

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7904246/publications.pdf>

Version: 2024-02-01

45
papers

1,850
citations

361413

20
h-index

330143

37
g-index

51
all docs

51
docs citations

51
times ranked

2388
citing authors

#	ARTICLE	IF	CITATIONS
1	Kernel-Based Positioning in Wireless Local Area Networks. IEEE Transactions on Mobile Computing, 2007, 6, 689-705.	5.8	375
2	Handwriting Difficulties in Children with Autism Spectrum Disorders: A Scoping Review. Journal of Autism and Developmental Disorders, 2011, 41, 1706-1716.	2.7	161
3	Investigating the Autonomic Nervous System Response to Anxiety in Children with Autism Spectrum Disorders. PLoS ONE, 2013, 8, e59730.	2.5	136
4	A Review of EEG-Based Brain-Computer Interfaces as Access Pathways for Individuals with Severe Disabilities. Assistive Technology, 2013, 25, 99-110.	2.0	122
5	Functional autonomic nervous system profile in children with autism spectrum disorder. Molecular Autism, 2014, 5, 39.	4.9	92
6	Changes in kinetics and kinematics of handwriting during a prolonged writing task in children with and without dysgraphia. Research in Developmental Disabilities, 2011, 32, 1058-1064.	2.2	86
7	Examining overlap and homogeneity in ASD, ADHD, and OCD: a data-driven, diagnosis-agnostic approach. Translational Psychiatry, 2019, 9, 318.	4.8	86
8	Examining and Comparing Social Perception Abilities Across Childhood-Onset Neurodevelopmental Disorders. Journal of the American Academy of Child and Adolescent Psychiatry, 2015, 54, 479-486.e1.	0.5	83
9	Intersession Consistency of Single-Trial Classification of the Prefrontal Response to Mental Arithmetic and the No-Control State by NIRS. PLoS ONE, 2012, 7, e37791.	2.5	71
10	Structural neuroimaging correlates of social deficits are similar in autism spectrum disorder and attention-deficit/hyperactivity disorder: analysis from the POND Network. Translational Psychiatry, 2019, 9, 72.	4.8	63
11	Atypical sympathetic arousal in children with autism spectrum disorder and its association with anxiety symptomatology. Molecular Autism, 2015, 6, 64.	4.9	51
12	Effect of Pencil Grasp on the Speed and Legibility of Handwriting in Children. American Journal of Occupational Therapy, 2012, 66, 718-726.	0.3	51
13	Comparison of blood volume pulse and skin conductance responses to mental and affective stimuli at different anatomical sites. Physiological Measurement, 2011, 32, 1529-1539.	2.1	48
14	A Kalman Filtering Framework for Physiological Detection of Anxiety-Related Arousal in Children With Autism Spectrum Disorder. IEEE Transactions on Biomedical Engineering, 2015, 62, 990-1000.	4.2	43
15	Retrieval of Images From Artistic Repositories Using a Decision Fusion Framework. IEEE Transactions on Image Processing, 2004, 13, 277-292.	9.8	39
16	A Brain-Computer Interface Based on Bilateral Transcranial Doppler Ultrasound. PLoS ONE, 2011, 6, e24170.	2.5	34
17	Characterizing emotional response to music in the prefrontal cortex using near infrared spectroscopy. Neuroscience Letters, 2012, 525, 7-11.	2.1	33
18	Writing Forces Associated With Four Pencil Grasp Patterns in Grade 4 Children. American Journal of Occupational Therapy, 2013, 67, 218-227.	0.3	32

#	ARTICLE	IF	CITATIONS
19	Short report: Evaluating the safety and usability of head-mounted virtual reality compared to monitor-displayed video for children with autism spectrum disorder. <i>Autism</i> , 2020, 24, 1924-1929.	4.1	27
20	The Effect of Diagnosis, Age, and Symptom Severity on Cortical Surface Area in the Cingulate Cortex and Insula in Autism Spectrum Disorders. <i>Journal of Child Neurology</i> , 2013, 28, 732-739.	1.4	26
21	Toward Automatic Anxiety Detection in Autism: A Real-Time Algorithm for Detecting Physiological Arousal in the Presence of Motion. <i>IEEE Transactions on Biomedical Engineering</i> , 2020, 67, 646-657.	4.2	22
22	A multi-method approach to studying activity setting participation: integrating standardized questionnaires, qualitative methods and physiological measures. <i>Disability and Rehabilitation</i> , 2014, 36, 1652-1660.	1.8	21
23	Biomusic: An Auditory Interface for Detecting Physiological Indicators of Anxiety in Children. <i>Frontiers in Neuroscience</i> , 2016, 10, 401.	2.8	16
24	Thermal Imaging of the Periorbital Regions during the Presentation of an Auditory Startle Stimulus. <i>PLoS ONE</i> , 2011, 6, e27268.	2.5	15
25	Characterizing Changes in Screen Time During the COVID-19 Pandemic School Closures in Canada and Its Perceived Impact on Children With Autism Spectrum Disorder. <i>Frontiers in Psychiatry</i> , 2021, 12, 702774.	2.6	14
26	Towards increased data transmission rate for a three-class metabolic brain-computer interface based on transcranial Doppler ultrasound. <i>Neuroscience Letters</i> , 2012, 528, 99-103.	2.1	13
27	Atypical autonomic nervous system complexity accompanies social cognition task performance in ASD. <i>Research in Autism Spectrum Disorders</i> , 2017, 39, 54-62.	1.5	13
28	Specificity of autonomic arousal to anxiety in children with autism spectrum disorder. <i>Autism Research</i> , 2016, 9, 491-501.	3.8	12
29	Physiological measurement of emotion from infancy to preschool: A systematic review and meta-analysis. <i>Brain and Behavior</i> , 2021, 11, e01989.	2.2	12
30	Classification of Activity Engagement in Individuals with Severe Physical Disabilities Using Signals of the Peripheral Nervous System. <i>PLoS ONE</i> , 2012, 7, e30373.	2.5	10
31	Effect of pencil grasp on the speed and legibility of handwriting after a 10-minute copy task in Grade 4 children. <i>Australian Occupational Therapy Journal</i> , 2012, 59, 180-187.	1.1	9
32	Data-Driven Discovery of Predictors of Virtual Reality Safety and Sense of Presence for Children With Autism Spectrum Disorder: A Pilot Study. <i>Frontiers in Psychiatry</i> , 2020, 11, 669.	2.6	9
33	Cross-Diagnosis Structural Correlates of Autistic-Like Social Communication Differences. <i>Cerebral Cortex</i> , 2021, 31, 5067-5076.	2.9	9
34	Metadata-driven multimedia transcoding for distance learning. <i>Multimedia Systems</i> , 2007, 12, 505-520.	4.7	4
35	Examining the effect of a wearable, anxiety detection technology on improving the awareness of anxiety signs in autism spectrum disorder: a pilot randomized controlled trial. <i>Molecular Autism</i> , 2021, 12, 72.	4.9	4
36	Clustering of time-evolving scaling dynamics in a complex signal. <i>Physical Review E</i> , 2016, 94, 012220.	2.1	2

#	ARTICLE	IF	CITATIONS
37	Model-based positioning. , 0, , 92-112.		2
38	Location-based services. , 2012, , 12-29.		1
39	Positioning systems. , 0, , 42-52.		1
40	Positioning through the ages. , 0, , 3-11.		0
41	Positioning techniques. , 0, , 30-41.		0
42	Positioning in wireless local area networks. , 0, , 55-67.		0
43	Memoryless positioning. , 0, , 68-91.		0
44	Sensor selection. , 0, , 113-126.		0
45	System design considerations. , 0, , 127-135.		0