Azadeh Kushki

List of Publications by Year
in descending order

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	Cross-Diagnosis Structural Correlates of Autistic-Like Social Communication Differences. Cerebral Cortex, 2021, 31, 5067-5076.	2.9	9
2	Characterizing Changes in Screen Time During the COVID-19 Pandemic School Closures in Canada and Its Perceived Impact on Children With Autism Spectrum Disorder. Frontiers in Psychiatry, 2021, 12, 702774.	2.6	14
3	Physiological measurement of emotion from infancy to preschool: A systematic review and metaâ€analysis. Brain and Behavior, 2021, 11, e01989.	2.2	12
4	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. Molecular Autism, 2021, 12, 72.	4.9	4
5	Toward Automatic Anxiety Detection in Autism: A Real-Time Algorithm for Detecting Physiological Arousal in the Presence of Motion. IEEE Transactions on Biomedical Engineering, 2020, 67, 646-657.	4.2	22
6	Data-Driven Discovery of Predictors of Virtual Reality Safety and Sense of Presence for Children With Autism Spectrum Disorder: A Pilot Study. Frontiers in Psychiatry, 2020, 11, 669.	2.6	9
7	Short report: Evaluating the safety and usability of head-mounted virtual reality compared to monitor-displayed video for children with autism spectrum disorder. Autism, 2020, 24, 1924-1929.	4.1	27
8	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
9	Examining overlap and homogeneity in ASD, ADHD, and OCD: a data-driven, diagnosis-agnostic approach. Translational Psychiatry, 2019, 9, 318.	4.8	86
10	Atypical autonomic nervous system complexity accompanies social cognition task performance in ASD. Research in Autism Spectrum Disorders, 2017, 39, 54-62.	1.5	13
11	Biomusic: An Auditory Interface for Detecting Physiological Indicators of Anxiety in Children. Frontiers in Neuroscience, 2016, 10, 401.	2.8	16
12	Specificity of autonomic arousal to anxiety in children with autism spectrum disorder. Autism Research, 2016, 9, 491-501.	3.8	12
13	Clustering of time-evolving scaling dynamics in a complex signal. Physical Review E, 2016, 94, 012220.	2.1	2
14	Atypical sympathetic arousal in children with autism spectrum disorder and its association with anxiety symptomatology. Molecular Autism, 2015, 6, 64.	4.9	51
15	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
16	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
17	A multi-method approach to studying activity setting participation: integrating standardized questionnaires, qualitative methods and physiological measures. Disability and Rehabilitation, 2014, 36, 1652-1660.	1.8	21
18	Functional autonomic nervous system profile in children with autism spectrum disorder. Molecular Autism, 2014, 5, 39.	4.9	92

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19	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
20	The Effect of Diagnosis, Age, and Symptom Severity on Cortical Surface Area in the Cingulate Cortex and Insula in Autism Spectrum Disorders. Journal of Child Neurology, 2013, 28, 732-739.	1.4	26
21	Investigating the Autonomic Nervous System Response to Anxiety in Children with Autism Spectrum Disorders. PLoS ONE, 2013, 8, e59730.	2.5	136
22	Writing Forces Associated With Four Pencil Grasp Patterns in Grade 4 Children. American Journal of Occupational Therapy, 2013, 67, 218-227.	0.3	32
23	Towards increased data transmission rate for a three-class metabolic brain–computer interface based on transcranial Doppler ultrasound. Neuroscience Letters, 2012, 528, 99-103.	2.1	13
24	Characterizing emotional response to music in the prefrontal cortex using near infrared spectroscopy. Neuroscience Letters, 2012, 525, 7-11.	2.1	33
25	Classification of Activity Engagement in Individuals with Severe Physical Disabilities Using Signals of the Peripheral Nervous System. PLoS ONE, 2012, 7, e30373.	2.5	10
26	Effect of pencil grasp on the speed and legibility of handwriting after a 10‐minute copy task in Grade 4 children. Australian Occupational Therapy Journal, 2012, 59, 180-187.	1.1	9
27	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
28	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
29	Location-based services. , 2012, , 12-29.		1
30	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
31	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
32	A Brain-Computer Interface Based on Bilateral Transcranial Doppler Ultrasound. PLoS ONE, 2011, 6, e24170.	2.5	34
33	Thermal Imaging of the Periorbital Regions during the Presentation of an Auditory Startle Stimulus. PLoS ONE, 2011, 6, e27268.	2.5	15
34	Handwriting Difficulties in Children with Autism Spectrum Disorders: A Scoping Review. Journal of Autism and Developmental Disorders, 2011, 41, 1706-1716.	2.7	161
35	Kernel-Based Positioning in Wireless Local Area Networks. IEEE Transactions on Mobile Computing, 2007, 6, 689-705.	5.8	375
36	Metadata-driven multimedia transcoding for distance learning. Multimedia Systems, 2007, 12, 505-520.	4.7	4

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37	Retrieval of Images From Artistic Repositories Using a Decision Fusion Framework. IEEE Transactions on Image Processing, 2004, 13, 277-292.	9.8	39
38	Positioning through the ages. , 0, , 3-11.		0
39	Positioning techniques. , 0, , 30-41.		0
40	Positioning systems. , 0, , 42-52.		1
41	Positioning in wireless local area networks. , 0, , 55-67.		0
42	Memoryless positioning. , 0, , 68-91.		0
43	Model-based positioning. , 0, , 92-112.		2
44	Sensor selection. , 0, , 113-126.		0
45	System design considerations. , 0, , 127-135.		0