Ryan A Stevenson

List of Publications by Year
in descending order

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79 papers	4,206 citations	126907 33 h-index	123424 61 g-index
99 all docs	99 docs citations	99 times ranked	2882 citing authors

#	Article	IF	Citations
1	Multisensory Temporal Integration in Autism Spectrum Disorders. Journal of Neuroscience, 2014, 34, 691-697.	3.6	380
2	Behavioral, perceptual, and neural alterations in sensory and multisensory function in autism spectrum disorder. Progress in Neurobiology, 2015, 134, 140-160.	5.7	265
3	The construct of the multisensory temporal binding window and its dysregulation in developmental disabilities. Neuropsychologia, 2014, 64, 105-123.	1.6	239
4	Individual differences in the multisensory temporal binding window predict susceptibility to audiovisual illusions.. Journal of Experimental Psychology: Human Perception and Performance, 2012, 38, 1517-1529.	0.9	222
5	Audiovisual integration in human superior temporal sulcus: Inverse effectiveness and the neural processing of speech and object recognition. NeuroImage, 2009, 44, 1210-1223.	4.2	217
6	Multisensory temporal integration: task and stimulus dependencies. Experimental Brain Research, 2013, 227, 249-261.	1.5	187
7	Identifying and Quantifying Multisensory Integration: A Tutorial Review. Brain Topography, 2014, 27, 707-730.	1.8	159
8	Multisensory Speech Perception in Children with Autism Spectrum Disorders. Journal of Autism and Developmental Disorders, 2013, 43, 2891-2902.	2.7	127
9	The cascading influence of multisensory processing on speech perception in autism. Autism, 2018, 22, 609-624.	4.1	114
10	Evidence for Diminished Multisensory Integration in Autism Spectrum Disorders. Journal of Autism and Developmental Disorders, 2014, 44, 3161-3167.	2.7	113
11	Neural processing of asynchronous audiovisual speech perception. NeuroImage, 2010, 49, 3308-3318.	4.2	110
12	The associations between multisensory temporal processing and symptoms of schizophrenia. Schizophrenia Research, 2017, 179, 97-103.	2.0	105
13	The effects of visual training on multisensory temporal processing. Experimental Brain Research, 2013, 225, 479-489.	1.5	104
14	Superadditive BOLD activation in superior temporal sulcus with threshold non-speech objects. Experimental Brain Research, 2007, 179, 85-95.	1.5	87
15	Interactions between the spatial and temporal stimulus factors that influence multisensory integration in human performance. Experimental Brain Research, 2012, 219, 121-137.	1.5	87
16	Discrete neural substrates underlie complementary audiovisual speech integration processes. NeuroImage, 2011, 55, 1339-1345.	4.2	84
17	Atypical rapid audioâ€visual temporal recalibration in autism spectrum disorders. Autism Research, 2017, 10, 121-129.	3.8	81
18	Brief Report: Arrested Development of Audiovisual Speech Perception in Autism Spectrum Disorders. Journal of Autism and Developmental Disorders, 2014, 44, 1470-1477.	2.7	76

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19	The impact of multisensory integration deficits on speech perception in children with autism spectrum disorders. Frontiers in Psychology, 2014, 5, 379.	2.1	75
20	Multisensory Integration as a Window into Orderly and Disrupted Cognition and Communication. Annual Review of Psychology, 2020, 71, 193-219.	17.7	74
21	Effects of Divided Attention and Operating Room Noise on Perception of Pulse Oximeter Pitch Changes. Anesthesiology, 2013, 118, 376-381.	2.5	73
22	Keeping time in the brain: Autism spectrum disorder and audiovisual temporal processing. Autism Research, 2016, 9, 720-738.	3.8	73
23	An additive-factors design to disambiguate neuronal and areal convergence: measuring multisensory interactions between audio, visual, and haptic sensory streams using fMRI. Experimental Brain Research, 2009, 198, 183-194.	1.5	67
24	Linking Anxiety and Insistence on Sameness in Autistic Children: The Role of Sensory Hypersensitivity. Journal of Autism and Developmental Disorders, 2017, 47, 2459-2470.	2.7	61
25	Atypical audiovisual temporal function in autism and schizophrenia: similar phenotype, different cause. European Journal of Neuroscience, 2018, 47, 1230-1241.	2.6	59
26	Multisensory speech perception in autism spectrum disorder: From phoneme to wholeâ€word perception. Autism Research, 2017, 10, 1280-1290.	3.8	55
27	Deficits in audiovisual speech perception in normal aging emerge at the level of whole-word recognition. Neurobiology of Aging, 2015, 36, 283-291.	3.1	52
28	Learning to Associate Auditory and Visual Stimuli: Behavioral and Neural Mechanisms. Brain Topography, 2015, 28, 479-493.	1.8	52
29	Sensory hypersensitivity predicts repetitive behaviours in autistic and typically-developing children. Autism, 2019, 23, 1028-1041.	4.1	52
30	Inverse Effectiveness and Multisensory Interactions in Visual Event-Related Potentials with Audiovisual Speech. Brain Topography, 2012, 25, 308-326.	1.8	51
31	Multisensory Integration in Cochlear Implant Recipients. Ear and Hearing, 2017, 38, 521-538.	2.1	49
32	Stimulus intensity modulates multisensory temporal processing. Neuropsychologia, 2016, 88, 92-100.	1.6	47
33	Links between temporal acuity and multisensory integration across life span.. Journal of Experimental Psychology: Human Perception and Performance, 2018, 44, 106-116.	0.9	36
34	Increases in the autistic trait of attention to detail are associated with decreased multisensory temporal adaptation. Scientific Reports, 2017, 7, 14354.	3.3	35
35	Sex Differences in Age of Diagnosis and First Concern among Children with Autism Spectrum Disorder. Journal of Clinical Child and Adolescent Psychology, 2021, 50, 645-655.	3.4	31
36	Improving Pulse Oximetry Pitch Perception with Multisensory Perceptual Training. Anesthesia and Analgesia, 2014, 118, 1249-1253.	2.2	29

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37	Multisensory perception of action in posterior temporal and parietal cortices. Neuropsychologia, 2011, 49, 108-114.	1.6	25
38	Seeing the Forest and the Trees: Default Local Processing in Individuals with High Autistic Traits Does Not Come at the Expense of Global Attention. Journal of Autism and Developmental Disorders, 2018, 48, 1382-1396.	2.7	25
39	Shape from sound: Evidence for a shape operator in the lateral occipital cortex. Neuropsychologia, 2011, 49, 1807-1815.	1.6	24
40	Differentiating between sensory sensitivity and sensory reactivity in relation to restricted interests and repetitive behaviours. Autism, 2020, 24, 121-134.	4.1	24
41	The interaction between stimulus factors and cognitive factors during multisensory integration of audiovisual speech. Frontiers in Psychology, 2014, 5, 352.	2.1	22
42	Visuo-haptic Neuronal Convergence Demonstrated with an Inversely Effective Pattern of BOLD Activation. Journal of Cognitive Neuroscience, 2012, 24, 830-842.	2.3	21
43	Exploring sensory phenotypes in autism spectrum disorder. Molecular Autism, 2021, 12, 67.	4.9	20
44	Shifts in Audiovisual Processing in Healthy Aging. Current Behavioral Neuroscience Reports, 2017, 4, 198-208.	1.3	19
45	Factor Structure of Repetitive Behaviors Across Autism Spectrum Disorder and Attention-Deficit/Hyperactivity Disorder. Journal of Autism and Developmental Disorders, 2021, 51, 3391-3400.	2.7	19
46	Interactions between space and effectiveness in human multisensory performance. Neuropsychologia, 2016, 88, 83-91.	1.6	17
47	Brief Report: Differences in Multisensory Integration Covary with Sensory Responsiveness in Children with and without Autism Spectrum Disorder. Journal of Autism and Developmental Disorders, 2019, 49, 397-403.	2.7	17
48	A Systematic Review of Brainstem Contributions to Autism Spectrum Disorder. Frontiers in Integrative Neuroscience, 2021, 15, 760116.	2.1	17
49	An Exploratory Analysis of Predictors of Youth Suicide-Related Behaviors in Autism Spectrum Disorder: Implications for Prevention Science. Journal of Autism and Developmental Disorders, 2020, 50, 3531-3544.	2.7	16
50	Statistical Learning and Social Competency: The Mediating Role of Language. Scientific Reports, 2020, 10, 3968.	3.3	15
51	Relating the perception of visual ensemble statistics to individual levels of autistic traits. Attention, Perception, and Psychophysics, 2018, 80, 1667-1674.	1.3	14
52	Audiovisual Temporal Processing in Postlingually Deafened Adults with Cochlear Implants. Scientific Reports, 2018, 8, 11345.	3.3	13
53	Examining the relationship between measures of autistic traits and neural synchrony during movies in children with and without autism. NeuroImage: Clinical, 2020, 28, 102477.	2.7	13
54	How Realistic Should Avatars Be?. Journal of Media Psychology, 2015, 27, 109-117.	1.0	13

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55	Incorporating Emotions Specific to the Sexual Response into Theories of Emotion Using the Indiana Sexual and Affective Word Set. Archives of Sexual Behavior, 2011, 40, 59-78.	1.9	12
56	Testing Sensory and Multisensory Function in Children with Autism Spectrum Disorder. Journal of Visualized Experiments, 2015, , e52677.	0.3	12
57	Using Functional Connectivity Analyses to Investigate the Bases of Autism Spectrum Disorders and Other Clinical Populations. Journal of Neuroscience, 2012, 32, 17933-17934.	3.6	9
58	Sensory processing patterns predict the integration of information held in visual working memory.. Journal of Experimental Psychology: Human Perception and Performance, 2016, 42, 294-301.	0.9	9
59	Visual Temporal Acuity Is Related to Auditory Speech Perception Abilities in Cochlear Implant Users. Ear and Hearing, 2017, 38, 236-243.	2.1	8
60	Affective Prosody Perception and the Relation to Social Competence in Autistic and Typically DevelopingÂChildren. Journal of Abnormal Child Psychology, 2020, 48, 965-975.	3.5	8
61	Visual working memory and sensory processing in autistic children. Scientific Reports, 2021, 11, 3648.	3.3	8
62	Auditory-orthographic integration at the onset of L2 speech acquisition. Language and Speech, 2019, 62, 427-451.	1.1	7
63	Conjunctive Visual Processing Appears Abnormal in Autism. Frontiers in Psychology, 2018, 9, 2668.	2.1	7
64	Geminate attrition across three generations of Farsi-English bilinguals living in Canada: An acoustic Study. Ilha Do Desterro, 2017, 70, 151-168.	0.1	6
65	Auditory and Visual Statistical Learning Are Not Related to ADHD Symptomatology: Evidence From a Research Domain Criteria (RDoC) Approach. Frontiers in Psychology, 2018, 9, 2502.	2.1	6
66	Investigating the Role of Inattention and/or Hyperactivity/impulsivity in Language and Social Functioning Using a Dimensional Approach. Journal of Communication Disorders, 2021, 89, 106036.	1.5	6
67	Closing the species gap: Translational approaches to studying sensory processing differences relevant for autism spectrum disorder. Autism Research, 2021, 14, 1322-1331.	3.8	6
68	A pupillometry study of multisensory social and linguistic processing in autism and typical development.. Developmental Psychology, 2020, 56, 2080-2094.	1.6	5
69	Geminate Attrition in the Speech of Arabicâ€“English Bilinguals Living in Canada. Heritage Language Journal, 2020, 17, 1-37.	0.4	5
70	The Use of fMRI to Assess Multisensory Integration. Frontiers in Neuroscience, 2011, , 131-146.	0.0	4
71	Schizotypal traits are not related to multisensory integration or audiovisual speech perception. Consciousness and Cognition, 2020, 86, 103030.	1.5	2
72	The Relationship Between Multisensory Temporal Processing and Schizotypal Traits. Multisensory Research, 2021, 34, 1-19.	1.1	2

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73	Atypical multisensory integration in Autism Spectrum Disorders: Cascading impacts of altered temporal processing. Multisensory Research, 2013, 26, 25.	1.1	1
74	Commentary: Visual Fixation in Human Newborns Correlates with Extensive White Matter Networks and Predicts Long-Term Neurocognitive Development. Frontiers in Neuroscience, 2016, 10, 215.	2.8	1
75	Schizotypal personality traits and multisensory integration: An investigation using the McGurk effect. Acta Psychologica, 2021, 218, 103354.	1.5	1
76	Individual differences in autistic traits predict visual binding abilities. Journal of Vision, 2015, 15, 846.	0.3	1
77	Development of multisensory temporal processing: Bridging between animal and human studies. Multisensory Research, 2013, 26, 54.	1.1	0
78	fMRI-guided TMS of the superior temporal sulcus impairs multisensory temporal processing. Multisensory Research, 2013, 26, 208.	1.1	0
79	Does Number of Perceptions or Cross-Modal Auditory Cueing Influence Audiovisual Processing Speed?. American Journal of Psychology, 2016, 129, 11.	0.3	0