

Aaron R Seitz

List of Publications by Year in Descending Order

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Version: 2024-04-27

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

56
papers

1,012
citations

16
h-index

31
g-index

64
ext. papers

1,343
ext. citations

3.9
avg, IF

4.92
L-index

#	Paper	IF	Citations
56	UCancellation: A new mobile measure of selective attention and concentration.. <i>Behavior Research Methods</i> , 2022 , 1	6.1	1
55	Video-Based Remote Administration of Cognitive Assessments and Interventions: a Comparison with In-Lab Administration.. <i>Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice</i> , 2022 , 1-11	2.4	1
54	Relating Suprathreshold Auditory Processing Abilities to Speech Understanding in Competition. <i>Brain Sciences</i> , 2022 , 12, 695	3.4	0
53	Perspective on Vision Science-Informed Interventions for Central Vision Loss. <i>Frontiers in Neuroscience</i> , 2021 , 15, 734970	5.1	0
52	Auditory-visual interactions in egocentric distance perception: Ventriloquism effect and aftereffect. <i>Journal of the Acoustical Society of America</i> , 2021 , 150, 3593	2.2	1
51	Multisensory Facilitation of Working Memory Training. <i>Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice</i> , 2021 , 5, 386-395	2.4	1
50	Exponential spectro-temporal modulation generation. <i>Journal of the Acoustical Society of America</i> , 2021 , 149, 1434	2.2	3
49	Temporal integration of monaural and dichotic frequency modulation. <i>Journal of the Acoustical Society of America</i> , 2021 , 150, 745	2.2	3
48	Training with an auditory perceptual learning game transfers to speech in competition. <i>Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice</i> , 2021 , 1-20	2.4	1
47	Perceptual Learning: Changes across the Lifespan. <i>Current Biology</i> , 2021 , 31, R69-R72	6.3	1
46	We don't all look the same; detailed examination of peripheral looking strategies after simulated central vision loss. <i>Journal of Vision</i> , 2020 , 20, 5	0.4	8
45	N-Back Related ERPs Depend on Stimulus Type, Task Structure, Pre-processing, and Lab Factors. <i>Frontiers in Human Neuroscience</i> , 2020 , 14, 549966	3.3	2
44	Perceptual Learning: How Does the Visual Circuit Change through Experience?. <i>Current Biology</i> , 2020 , 30, R1309-R1311	6.3	1
43	Portable Automated Rapid Testing (PART) for auditory assessment: Validation in a young adult normal-hearing population. <i>Journal of the Acoustical Society of America</i> , 2020 , 148, 1831	2.2	14
42	Development and Evaluation of a Visual Remediation Intervention for People with Schizophrenia. <i>Journal of Psychiatry and Brain Science</i> , 2020 , 5,	1.7	4
41	Perceptual Expertise: How Is It Achieved?. <i>Current Biology</i> , 2020 , 30, R875-R878	6.3	3
40	A method to characterize compensatory oculomotor strategies following simulated central vision loss. <i>Journal of Vision</i> , 2020 , 20, 15	0.4	5

39	Divergent Research Methods Limit Understanding of Working Memory Training. <i>Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice</i> , 2020 , 4, 100-120	2.4	20
38	Video gaming and working memory: a large-scale cross-sectional correlative study. <i>Computers in Human Behavior</i> , 2019 , 97, 94-103	7.7	14
37	Nonnative implicit phonetic training in multiple reverberant environments. <i>Attention, Perception, and Psychophysics</i> , 2019 , 81, 935-947	2	4
36	Acquisition of visual priors and induced hallucinations in chronic schizophrenia. <i>Brain</i> , 2019 , 142, 2523-2537	5.7	14
35	Oculomotor strategy classification in simulated central vision loss. <i>Journal of Vision</i> , 2019 , 19, 145c	0.4	1
34	A New Look at Visual System Plasticity. <i>Trends in Cognitive Sciences</i> , 2019 , 23, 82-83	14	2
33	Improving Methodological Standards in Behavioral Interventions for Cognitive Enhancement. <i>Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice</i> , 2019 , 3, 2-29	2.4	91
32	Performance-monitoring integrated reweighting model of perceptual learning. <i>Vision Research</i> , 2018 , 152, 17-39	2.1	2
31	Effect of Varying Levels of Glare on Contrast Sensitivity Measurements of Young Healthy Individuals Under Photopic and Mesopic Vision. <i>Frontiers in Psychology</i> , 2018 , 9, 899	3.4	7
30	Autistic traits, but not schizotypy, predict increased weighting of sensory information in Bayesian visual integration. <i>ELife</i> , 2018 , 7,	8.9	38
29	Towards a whole brain model of Perceptual Learning. <i>Current Opinion in Behavioral Sciences</i> , 2018 , 20, 47-55	4	46
28	Multi-line Adaptive Perimetry (MAP): A New Procedure for Quantifying Visual Field Integrity for Rapid Assessment of Macular Diseases. <i>Translational Vision Science and Technology</i> , 2018 , 7, 28	3.3	
27	Deep Neural Networks for Modeling Visual Perceptual Learning. <i>Journal of Neuroscience</i> , 2018 , 38, 6028-6044	6.4	29
26	Incidental orthographic learning during a color detection task. <i>Cognition</i> , 2017 , 166, 251-271	3.5	8
25	Visual perceptual remediation for individuals with schizophrenia: Rationale, method, and three case studies. <i>Psychiatric Rehabilitation Journal</i> , 2017 , 40, 43-52	2.4	11
24	The Benefits and Challenges of Implementing Motivational Features to Boost Cognitive Training Outcome. <i>Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice</i> , 2017 , 1, 491-507	2.4	28
23	A Latent Factor Analysis of Working Memory Measures Using Large-Scale Data. <i>Frontiers in Psychology</i> , 2017 , 8, 1062	3.4	19
22	Multiple Causal Links Between Magnocellular-Dorsal Pathway Deficit and Developmental Dyslexia. <i>Cerebral Cortex</i> , 2016 , 26, 4356-4369	5.1	101

21	Dissociable behavioural outcomes of visual statistical learning. <i>Visual Cognition</i> , 2016 , 23, 1072-1097	1.8	9
20	Predicting individual contrast sensitivity functions from acuity and letter contrast sensitivity measurements. <i>Journal of Vision</i> , 2016 , 16, 15	0.4	12
19	Visual perceptual learning by operant conditioning training follows rules of contingency. <i>Visual Cognition</i> , 2015 , 23, 147-160	1.8	9
18	Visual rhythm perception improves through auditory but not visual training. <i>Current Biology</i> , 2015 , 25, R60-R61	6.3	21
17	Broad-based visual benefits from training with an integrated perceptual-learning video game. <i>Vision Research</i> , 2014 , 99, 134-40	2.1	47
16	Encoding of episodic information through fast task-irrelevant perceptual learning. <i>Vision Research</i> , 2014 , 99, 5-11	2.1	13
15	Contrast dependency and prior expectations in human speed perception. <i>Vision Research</i> , 2014 , 97, 16-23	2.1	12
14	How to build better memory training games. <i>Frontiers in Systems Neuroscience</i> , 2014 , 8, 243	3.5	43
13	Detecting and quantifying topography in neural maps. <i>PLoS ONE</i> , 2014 , 9, e87178	3.7	8
12	Applying perceptual learning to achieve practical changes in vision. <i>Frontiers in Psychology</i> , 2014 , 5, 1166	3.4	30
11	Prolonged training at threshold promotes robust retinotopic specificity in perceptual learning. <i>Journal of Neuroscience</i> , 2014 , 34, 8423-31	6.6	90
10	Uncertainty in fast task-irrelevant perceptual learning boosts learning of images in women but not men. <i>Journal of Vision</i> , 2014 , 14,	0.4	3
9	Improved vision and on-field performance in baseball through perceptual learning. <i>Current Biology</i> , 2014 , 24, R146-7	6.3	66
8	Cognitive neuroscience: targeting neuroplasticity with neural decoding and biofeedback. <i>Current Biology</i> , 2013 , 23, R210-2	6.3	8
7	Word-decoding as a function of temporal processing in the visual system. <i>PLoS ONE</i> , 2013 , 8, e84010	3.7	3
6	The therapeutic benefits of perceptual learning 2013 , 7, 39-49		8
5	Perceptual learning: stimulus-specific learning from low-level visual plasticity?. <i>Current Biology</i> , 2011 , 21, R814-5	6.3	7
4	Sensory learning: rapid extraction of meaning from noise. <i>Current Biology</i> , 2010 , 20, R643-4	6.3	4

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| 3 | The phenomenon of task-irrelevant perceptual learning. <i>Vision Research</i> , 2009 , 49, 2604-10 | 2.1 | 108 |
| 2 | Is task-irrelevant learning really task-irrelevant?. <i>PLoS ONE</i> , 2008 , 3, e3792 | 3.7 | 22 |
| 1 | Portable Automated Rapid Testing (PART) of auditory processing abilities in young normally-hearing listeners: A remotely administered replication with participant-owned devices | | 3 |