

# Aline Bompas

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

1,089  
citations

430874

18  
h-index

434195

31  
g-index

37  
all docs

37  
docs citations

37  
times ranked

1444  
citing authors

#	ARTICLE	IF	CITATIONS
1	Segmentation of objects from backgrounds in visual search tasks. <i>Vision Research</i> , 2002, 42, 2985-3004.	1.4	151
2	More GABA, less distraction: a neurochemical predictor of motor decision speed. <i>Nature Neuroscience</i> , 2010, 13, 825-827.	14.8	132
3	Saccadic Inhibition Reveals the Timing of Automatic and Voluntary Signals in the Human Brain. <i>Journal of Neuroscience</i> , 2011, 31, 12501-12512.	3.6	84
4	Oscillatory hyperactivity and hyperconnectivity in young APOE-É4 carriers and hypoconnectivity in Alzheimer's disease. <i>ELife</i> , 2019, 8, .	6.0	78
5	Alzheimer's disease disrupts alpha and beta-band resting-state oscillatory network connectivity. <i>Clinical Neurophysiology</i> , 2017, 128, 2347-2357.	1.5	77
6	Intra-Individual Reaction Time Variability in Amnesic Mild Cognitive Impairment: A Precursor to Dementia?. <i>Journal of Alzheimer's Disease</i> , 2012, 32, 457-466.	2.6	48
7	The contribution of pre-stimulus neural oscillatory activity to spontaneous response time variability. <i>NeuroImage</i> , 2015, 107, 34-45.	4.2	43
8	Evidence for a Role of Action in Colour Perception. <i>Perception</i> , 2006, 35, 65-78.	1.2	41
9	Sensory sluggishness dissociates saccadic, manual, and perceptual responses: An S-cone study. <i>Journal of Vision</i> , 2008, 8, 10-10.	0.3	41
10	Systematic biases in adult color perception persist despite lifelong information sufficient to calibrate them. <i>Journal of Vision</i> , 2013, 13, 19-19.	0.3	37
11	Temporal dynamics of saccadic distraction. <i>Journal of Vision</i> , 2009, 9, 17-17.	0.3	33
12	Spotting Fruit versus Picking Fruit as the Selective Advantage of Human Colour Vision. <i>i-Perception</i> , 2013, 4, 84-94.	1.4	31
13	Naso-Temporal Asymmetry for Signals Invisible to the Retinotectal Pathway. <i>Journal of Neurophysiology</i> , 2008, 100, 412-421.	1.8	29
14	Low and variable correlation between reaction time costs and accuracy costs explained by accumulation models: Meta-analysis and simulations.. <i>Psychological Bulletin</i> , 2018, 144, 1200-1227.	6.1	27
15	More evidence for sensorimotor adaptation in color perception. <i>Journal of Vision</i> , 2006, 6, 5.	0.3	25
16	Speeded saccadic and manual visuo-motor decisions: Distinct processes but same principles. <i>Cognitive Psychology</i> , 2017, 94, 26-52.	2.2	25
17	Cognitive control and automatic interference in mind and brain: A unified model of saccadic inhibition and countermanding.. <i>Psychological Review</i> , 2020, 127, 524-561.	3.8	24
18	Slow and steady? Strategic adjustments in response caution are moderately reliable and correlate across tasks. <i>Consciousness and Cognition</i> , 2019, 75, 102797.	1.5	23

#	ARTICLE	IF	CITATIONS
19	Oculomotor Distraction by Signals Invisible to the Retinotectal and Magnocellular Pathways. <i>Journal of Neurophysiology</i> , 2009, 102, 2387-2395.	1.8	21
20	Abnormal Inhibition of Return in Mild Cognitive Impairment: Is it Specific to the Presence of Prodromal Dementia?. <i>Journal of Alzheimer's Disease</i> , 2014, 40, 177-189.	2.6	17
21	Making the incredible credible: Afterimages are modulated by contextual edges more than real stimuli. <i>Journal of Vision</i> , 2012, 12, 17-17.	0.3	16
22	Toward a New Application of Real-Time Electrophysiology: Online Optimization of Cognitive Neurosciences Hypothesis Testing. <i>Brain Sciences</i> , 2014, 4, 49-72.	2.3	14
23	Self-reported impulsivity does not predict response caution. <i>Personality and Individual Differences</i> , 2020, 167, 110257.	2.9	12
24	Task Reliability Considerations in Computational Psychiatry. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 837-839.	1.5	11
25	Strategy and processing speed eclipse individual differences in control ability in conflict tasks.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2022, 48, 1448-1469.	0.9	10
26	Saccadic inhibition and the remote distractor effect: One mechanism or two?. <i>Journal of Vision</i> , 2015, 15, 15.	0.3	9
27	The effect of eye movements and blinks on afterimage appearance and duration. <i>Journal of Vision</i> , 2015, 15, 20.	0.3	8
28	Inability to improve performance with control shows limited access to inner states.. <i>Journal of Experimental Psychology: General</i> , 2020, 149, 249-274.	2.1	6
29	Saccadic Adaptation Boosts Ongoing Gamma Activity in a Subsequent Visuoattentional Task. <i>Cerebral Cortex</i> , 2019, 29, 3606-3617.	2.9	4
30	The validity and consistency of continuous joystick response in perceptual decision-making. <i>Behavior Research Methods</i> , 2020, 52, 681-693.	4.0	4
31	Rapid communication: Perceptual strength is different from sensorimotor strength: Evidence from the centreâ€periphery asymmetry in masked priming. <i>Quarterly Journal of Experimental Psychology</i> , 2013, 66, 15-22.	1.1	2
32	Reliability and correlates of intra-individual variability in the oculomotor system. <i>Journal of Eye Movement Research</i> , 2020, 12, .	0.8	2
33	Distraction for the eye and ear. <i>Theoretical Issues in Ergonomics Science</i> , 2020, 21, 633-657.	1.8	1