Anna Montagnini

List of Publications by Year
in descending order

31	704	623734 14	677142 22
papers	citations	h-index	g-index

34	34	34	570
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Do we track what we see? Common versus independent processing for motion perception and smooth pursuit eye movements: A review. Vision Research, 2011, 51, 836-852.	1.4	115
2	More is not always better: adaptive gain control explains dissociation between perception and action. Nature Neuroscience, 2012, 15, 1596-1603.	14.8	60
3	Dynamic Approach to the Thermodynamics of Superdiffusion. Physical Review Letters, 1999, 82, 3383-3387.	7.8	59
4	Using Covert Response Activation to Test Latent Assumptions of Formal Decision-Making Models in Humans. Journal of Neuroscience, 2015, 35, 10371-10385.	3.6	56
5	The urgency to look: Prompt saccades to the benefit of perception. Vision Research, 2005, 45, 3391-3401.	1.4	55
6	Conflict tasks and the diffusion framework: Insight in model constraints based on psychological laws. Cognitive Psychology, 2014, 72, 162-195.	2.2	49
7	Linking Theoretical Decision-making Mechanisms in the Simon Task with Electrophysiological Data: A Model-based Neuroscience Study in Humans. Journal of Cognitive Neuroscience, 2016, 28, 1501-1521.	2.3	49
8	Bayesian modeling of dynamic motion integration. Journal of Physiology (Paris), 2007, 101, 64-77.	2.1	42
9	The evolution of mammalian cortex, from lamination to arealization. Brain Research Bulletin, 2003, 60, 387-393.	3.0	38
10	Dynamic interaction between retinal and extraretinal signals in motion integration for smooth pursuit. Journal of Vision, 2013, 13, 5-5.	0.3	38
11	Predicting 2D Target Velocity Cannot Help 2D Motion Integration for Smooth Pursuit Initiation. Journal of Neurophysiology, 2006, 96, 3545-3550.	1.8	28
12	Pursuing motion illusions: A realistic oculomotor framework for Bayesian inference. Vision Research, 2011, 51, 867-880.	1.4	22
13	Eye tracking a self-moved target with complex hand-target dynamics. Journal of Neurophysiology, 2016, 116, 1859-1870.	1.8	17
14	Reinforcement effects in anticipatory smooth eye movements. Journal of Vision, 2018, 18, 14.	0.3	15
15	Dynamic interaction between â€œGoâ€•and â€œStopâ€•signals in the saccadic eye movement system: New evidence against the functional independence of the underlying neural mechanisms. Vision Research, 2009, 49, 1316-1328.	1.4	12
16	Looking for symmetry: fixational eye movements are biased by image mirror symmetry. Journal of Neurophysiology, 2016, 116, 1250-1260.	1.8	11
17	Fixational saccades during grating detection and discrimination. Vision Research, 2016, 118, 105-118.	1.4	10
18	Humans adapt their anticipatory eye movements to the volatility of visual motion properties. PLoS Computational Biology, 2020, 16, e1007438.	3.2	10

#	Article	IF	Citations
19	Rescaling prescriptions: On the conflict between Hurst's analysis and the second moment prediction. Physics Letters, Section A: General, Atomic and Solid State Physics, 1998, 244, 237-244.	2.1	7
20	Expectations about motion direction affect perception and anticipatory smooth pursuit differently. Journal of Neurophysiology, 2021, 125, 977-991.	1.8	6
21	Opposite effects of expectation on motion perception and anticipatory pursuit eye movements. Journal of Vision, 2020, 20, 567.	0.3	2
22	Speed uncertainty and motion perception with naturalistic random textures. Journal of Vision, 2018, 18, 345.	0.3	2
23	Anticipatory smooth eye movements and reinforcement. Journal of Vision, 2015, 15, 1019.	0.3	0
24	Operant reinforcement versus reward expectancy: effects on anticipatory eye movements. Journal of Vision, 2016, 16, 1356.	0.3	0
25	Dynamic modulation of volatility by reward contingencies: effects on anticipatory smooth eye movement. Journal of Vision, 2017, 17, 273.	0.3	0
26	Saccadic gain controlled by a visual discrimination task. Journal of Vision, 2017, 17, 899.	0.3	0
27	Assessing the dynamic visual processing of informative local features with eye movements. Journal of Vision, 2018, 18, 1211.	0.3	0
28	Humans adapt their anticipatory eye movements to the volatility of visual motion properties. , 2020, 16, e1007438.		0
29	Humans adapt their anticipatory eye movements to the volatility of visual motion properties. , 2020, 16, e1007438.		0
30	Humans adapt their anticipatory eye movements to the volatility of visual motion properties. , 2020, 16, e1007438.		0
31	Humans adapt their anticipatory eye movements to the volatility of visual motion properties. , 2020, 16, e1007438.		0