Gianluca Campana

List of Publications by Year
in descending order

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67	2,069	236925	254184
papers	citations	25 h-index	43 g-index

68	68	68	1554
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Where perception meets memory: A review of repetition priming in visual search tasks. Attention, Perception, and Psychophysics, 2010, 72, 5-18.	1.3	323
2	Priming of Motion Direction and Area V5/MT: a Test of Perceptual Memory. Cerebral Cortex, 2002, 12, 663-669.	2.9	148
3	The motion aftereffect reloaded. Trends in Cognitive Sciences, 2008, 12, 481-487.	7.8	127
4	Visual Area V5/MT Remembers "What" but Not "Where". Cerebral Cortex, 2005, 16, 1766-1770.	2.9	80
5	Left frontal eye field remembers â€œwhereâ€•but not â€œwhatâ€• Neuropsychologia, 2007, 45, 2340-2345.	1.6	68
6	Building ensemble representations: How the shape of preceding distractor distributions affects visual search. Cognition, 2016, 153, 196-210.	2.2	64
7	Improving visual functions in adult amblyopia with combined perceptual training and transcranial random noise stimulation (tRNS): a pilot study. Frontiers in Psychology, 2014, 5, 1402.	2.1	59
8	Representing Color Ensembles. Psychological Science, 2017, 28, 1510-1517.	3.3	55
9	Modulatory mechanisms underlying high-frequency transcranial random noise stimulation (hf-tRNS): A combined stochastic resonance and equivalent noise approach. Brain Stimulation, 2019, 12, 967-977.	1.6	54
10	Improvement of uncorrected visual acuity and contrast sensitivity with perceptual learning and transcranial random noise stimulation in individuals with mild myopia. Frontiers in Psychology, 2014, 5, 1234.	2.1	51
11	Transcranial random noise stimulation (tRNS): a wide range of frequencies is needed for increasing cortical excitability. Scientific Reports, 2019, 9, 15150.	3.3	49
12	Differential effects of high-frequency transcranial random noise stimulation (hf-tRNS) on contrast sensitivity and visual acuity when combined with a short perceptual training in adults with amblyopia. Neuropsychologia, 2018, 114, 125-133.	1.6	48
13	Reducing Crowding by Weakening Inhibitory Lateral Interactions in the Periphery with Perceptual Learning. PLoS ONE, 2011, 6, e25568.	2.5	47
14	Interactions between motion and form processing in the human visual system. Frontiers in Computational Neuroscience, 2013, 7, 65.	2.1	40
15	The role of human extra-striate visual areas V5/MT and V2/V3 in the perception of the direction of global motion: a transcranial magnetic stimulation study. Experimental Brain Research, 2006, 171, 558-562.	1.5	39
16	The application of online transcranial random noise stimulation and perceptual learning in the improvement of visual functions in mild myopia. Neuropsychologia, 2016, 89, 225-231.	1.6	39
17	Attention modulates psychophysical and electrophysiological response to visual texture segmentation in humans. Vision Research, 2005, 45, 2384-2396.	1.4	37
18	Cortical interactions in vision and awareness: hierarchies in reverse. Progress in Brain Research, 2004, 144, 117-130.	1.4	36

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19	Attention has memory: priming for the size of the attentional focus. Spatial Vision, 2009, 22, 147-159.	1.4	34
20	Separate motion-detecting mechanisms for first- and second-order patterns revealed by rapid forms of visual motion priming and motion aftereffect. Journal of Vision, 2009, 9, 27-27.	0.3	33
21	Illusory Speed is Retained in Memory during Invisible Motion. I-Perception, 2013, 4, 180-191.	1.4	32
22	Implied motion from static photographs influences the perceived position of stationary objects. Vision Research, 2011, 51, 187-194.	1.4	30
23	Rapid learning of visual ensembles. Journal of Vision, 2017, 17, 21.	0.3	30
24	Priming of first- and second-order motion: Mechanisms and neural substrates. Neuropsychologia, 2008, 46, 393-398.	1.6	29
25	Perceptual learning modulates electrophysiological and psychophysical response to visual texture segmentation in humans. Neuroscience Letters, 2004, 371, 18-23.	2.1	28
26	Opposite effects of high- and low-frequency transcranial random noise stimulation probed with visual motion adaptation. Scientific Reports, 2016, 6, 38919.	3.3	28
27	Improving myopia via perceptual learning: is training with lateral masking the only (or the most) efficacious technique?. Attention, Perception, and Psychophysics, 2014, 76, 2485-2494.	1.3	25
28	The fastest (and simplest), the earliest: The locus of processing of rapid forms of motion aftereffect. Neuropsychologia, 2011, 49, 2929-2934.	1.6	23
29	The origin of the audiovisual bounce inducing effect: A TMS study. Neuropsychologia, 2012, 50, 1478-1482.	1.6	23
30	Psychophysical and electrophysiological evidence of independent facilitation by collinearity and similarity in texture grouping and segmentation. Vision Research, 2009, 49, 583-593.	1.4	22
31	Repetition effects of features and spatial position: evidence for dissociable mechanisms. Spatial Vision, 2009, 22, 325-338.	1.4	21
32	Sleep and time course of consolidation of visual discrimination skills in patients with narcolepsyâ€“cataplexy. Journal of Sleep Research, 2009, 18, 209-220.	3.2	21
33	The temporal course of recovery from brief (sub-second) adaptations to spatial contrast. Vision Research, 2012, 62, 116-124.	1.4	19
34	Set size manipulations reveal the boundary conditions of perceptual ensemble learning. Vision Research, 2017, 140, 144-156.	1.4	19
35	Common (and multiple) neural substrates for static and dynamic motion after-effects: A rTMS investigation. Cortex, 2013, 49, 2590-2594.	2.4	18
36	TMS reveals flexible use of form and motion cues in biological motion perception. Neuropsychologia, 2016, 84, 193-197.	1.6	18

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37	Learning features in a complex and changing environment: A distribution-based framework for visual attention and vision in general. Progress in Brain Research, 2017, 236, 97-120.	1.4	18
38	Long-term effects of MDMA (Ecstasy) on the human central nervous system revealed by visual evoked potentials. Addiction Biology, 2005, 10, 187-195.	2.6	17
39	The role of high-level visual areas in short- and longer-lasting forms of neural plasticity. Neuropsychologia, 2010, 48, 3069-3079.	1.6	17
40	The neural basis of form and form-motion integration from static and dynamic translational Glass patterns: A rTMS investigation. NeuroImage, 2017, 157, 555-560.	4.2	17
41	Probabilistic rejection templates in visual working memory. Cognition, 2020, 196, 104075.	2.2	17
42	Detection of first- and second-order coherent motion in blindsight. Experimental Brain Research, 2011, 214, 261-271.	1.5	14
43	Investigating the Interaction Between Form and Motion Processing: A Review of Basic Research and Clinical Evidence. Frontiers in Psychology, 2020, 11, 566848.	2.1	13
44	Learning in combined-feature search: Specificity to orientation. Perception & Psychophysics, 2003, 65, 1197-1207.	2.3	12
45	Probing the involvement of the earliest levels of cortical processing in motion extrapolation with rapid forms of visual motion priming and adaptation. Attention, Perception, and Psychophysics, 2015, 77, 603-612.	1.3	11
46	Hyper-vision in a patient with central and paracentral vision loss reflects cortical reorganization. Visual Neuroscience, 2003, 20, 501-510.	1.0	10
47	Opposing roles of sensory and parietal cortices in awareness in a bistable motion illusion. Neuropsychologia, 2013, 51, 2479-2484.	1.6	10
48	Spatial interactions in simple and combined-feature visual search. Spatial Vision, 1999, 12, 467-483.	1.4	8
49	Illusory Contours over Pathological Retinal Scotomas. PLoS ONE, 2011, 6, e26154.	2.5	8
50	Editorial: Improving visual deficits with perceptual learning. Frontiers in Psychology, 2015, 6, 491.	2.1	8
51	Stimulus-specific dynamics of learning in conjunction search tasks. Visual Cognition, 2001, 8, 145-162.	1.6	7
52	Cognitive exergame training and transcranial random noise stimulation effects on executive control in healthy young adults.. Neuropsychology, 2021, 35, 568-580.	1.3	7
53	The effect of spatial orientation on detecting motion trajectories in noise. Vision Research, 2011, 51, 2077-2084.	1.4	6
54	Rapid response to dexamethasone intravitreal implant in diabetic macular edema. European Journal of Ophthalmology, 2018, 28, 74-79.	1.3	6

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55	Does physical exercise and congruent visual stimulation enhance perceptual learning?. Ophthalmic and Physiological Optics, 2020, 40, 680-691.	2.0	6
56	Speech Fluency Improvement in Developmental Stuttering Using Non-invasive Brain Stimulation: Insights From Available Evidence. Frontiers in Human Neuroscience, 2021, 15, 662016.	2.0	6
57	The principle of good continuation in space and time can guide visual search in absence of priming or contextual cueing. Visual Cognition, 2007, 15, 834-853.	1.6	5
58	The neural mechanisms underlying directional and apparent circular motion assessed with repetitive transcranial magnetic stimulation (rTMS). Neuropsychologia, 2020, 149, 107656.	1.6	5
59	Dogs are not better than humans at detecting coherent motion. Scientific Reports, 2017, 7, 11259.	3.3	4
60	The effect of experience and of dotsâ€™ density and duration on the detection of coherent motion in dogs. Animal Cognition, 2018, 21, 651-660.	1.8	4
61	Spatial and Temporal Selectivity of Translational Glass Patterns Assessed With the Tilt After-Effect. I-Perception, 2021, 12, 204166952110179.	1.4	4
62	Segmentation by single and combined features involves different contextual influences. Vision Research, 2010, 50, 1065-1073.	1.4	3
63	Temporal characteristics of global form perception in translational and circular Glass patterns. Vision Research, 2021, 187, 102-109.	1.4	3
64	Visual Short-Term Memory for Coherent and Sequential Motion: A rTMS Investigation. Brain Sciences, 2021, 11, 1471.	2.3	3
65	Mechanisms Underlying Directional Motion Processing and Form-Motion Integration Assessed with Visual Perceptual Learning. Vision (Switzerland), 2022, 6, 29.	1.2	1
66	Representing color ensembles: Mapping internal probability density functions with attentional priming. Journal of Vision, 2017, 17, 1085.	0.3	0
67	Binding feature distributions to locations and to other features. Journal of Vision, 2017, 17, 78.	0.3	0