

# Alessio Fracasso

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

1,223  
citations

471061

17  
h-index

433756

31  
g-index

54  
all docs

54  
docs citations

54  
times ranked

1346  
citing authors

#	ARTICLE	IF	CITATIONS
1	Topographic representations of object size and relationships with numerosity reveal generalized quantity processing in human parietal cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 13525-13530.	3.3	159
2	Ultra-high field MRI: Advancing systems neuroscience towards mesoscopic human brain function. <i>NeuroImage</i> , 2018, 168, 345-357.	2.1	151
3	Laminar imaging of positive and negative BOLD in human visual cortex at 7 T. <i>NeuroImage</i> , 2018, 164, 100-111.	2.1	97
4	Systematic variation of population receptive field properties across cortical depth in human visual cortex. <i>NeuroImage</i> , 2016, 139, 427-438.	2.1	67
5	Lines of Baillarger in vivo and ex vivo: Myelin contrast across lamina at 7 T MRI and histology. <i>NeuroImage</i> , 2016, 133, 163-175.	2.1	66
6	A Network of Topographic Maps in Human Association Cortex Hierarchically Transforms Visual Timing-Selective Responses. <i>Current Biology</i> , 2020, 30, 1424-1434.e6.	1.8	53
7	Unseen complex motion is modulated by attention and generates a visible aftereffect. <i>Journal of Vision</i> , 2011, 11, 10-10.	0.1	49
8	Cortical depth dependent population receptive field attraction by spatial attention in human V1. <i>NeuroImage</i> , 2018, 176, 301-312.	2.1	42
9	Continuous perception of motion and shape across saccadic eye movements. <i>Journal of Vision</i> , 2010, 10, 14-14.	0.1	41
10	The Neurobiological Correlates of Gaze Perception in Healthy Individuals and Neurologic Patients. <i>Biomedicine</i> , 2022, 10, 627.	1.4	40
11	Spatiotopic updating facilitates perception immediately after saccades. <i>Scientific Reports</i> , 2016, 6, 34488.	1.6	33
12	Neural correlates of egocentric and allocentric frames of reference combined with metric and non-metric spatial relations. <i>Neuroscience</i> , 2019, 409, 235-252.	1.1	33
13	Distortion-matched T1 maps and unbiased T1-weighted images as anatomical reference for high-resolution fMRI. <i>NeuroImage</i> , 2018, 176, 41-55.	2.1	32
14	In vivo evidence of functional and anatomical stripe-based subdivisions in human V2 and V3. <i>Scientific Reports</i> , 2017, 7, 733.	1.6	28
15	Gaze-Contingent Flicker Pupil Perimetry Detects Scotomas in Patients With Cerebral Visual Impairments or Glaucoma. <i>Frontiers in Neurology</i> , 2018, 9, 558.	1.1	23
16	Waves of visibility: probing the depth of inter-ocular suppression with transient and sustained targets. <i>Frontiers in Psychology</i> , 2014, 5, 804.	1.1	21
17	Altered organization of the visual cortex in FHONDA syndrome. <i>NeuroImage</i> , 2019, 190, 224-231.	2.1	20
18	Linear systems analysis for laminar fMRI: Evaluating BOLD amplitude scaling for luminance contrast manipulations. <i>Scientific Reports</i> , 2020, 10, 5462.	1.6	19

#	ARTICLE	IF	CITATIONS
19	Non-Conscious Processing of Motion Coherence Can Boost Conscious Access. PLoS ONE, 2013, 8, e60787.	1.1	18
20	Time course of spatiotopic updating across saccades. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 2027-2032.	3.3	18
21	Bilateral population receptive fields in congenital hemihydranencephaly. Ophthalmic and Physiological Optics, 2016, 36, 324-334.	1.0	16
22	Pre-saccadic perception: Separate time courses for enhancement and spatial pooling at the saccade target. PLoS ONE, 2017, 12, e0178902.	1.1	16
23	Low-Level Visual Information Is Maintained across Saccades, Allowing for a Postsaccadic Handoff between Visual Areas. Journal of Neuroscience, 2020, 40, 9476-9486.	1.7	16
24	Remapping of the line motion illusion across eye movements. Experimental Brain Research, 2012, 218, 503-514.	0.7	14
25	FLAIR images at 7 Tesla MRI highlight the ependyma and the outer layers of the cerebral cortex. NeuroImage, 2015, 104, 100-109.	2.1	13
26	Grey-matter abnormalities in clinical high-risk participants for psychosis. Schizophrenia Research, 2020, 226, 120-128.	1.1	12
27	Blind spot and visual field anisotropy detection with flicker pupil perimetry across brightness and task variations. Vision Research, 2021, 178, 79-85.	0.7	11
28	Point-spread function of the BOLD response across columns and cortical depth in human extra-striate cortex. Progress in Neurobiology, 2021, 202, 102034.	2.8	11
29	Triple visual hemifield maps in a case of optic chiasm hypoplasia. NeuroImage, 2020, 215, 116822.	2.1	10
30	fMRI and intra-cranial electrocorticography recordings in the same human subjects reveals negative BOLD signal coupled with silenced neuronal activity. Brain Structure and Function, 2022, 227, 1371-1384.	1.2	10
31	Fooling the Eyes: The Influence of a Sound-Induced Visual Motion Illusion on Eye Movements. PLoS ONE, 2013, 8, e62131.	1.1	9
32	Myelin contrast across lamina at 7T, ex-vivo and in-vivo dataset. Data in Brief, 2016, 8, 990-1003.	0.5	9
33	Size constancy affects the perception and parietal neural representation of object size. NeuroImage, 2021, 232, 117909.	2.1	9
34	Saccade kinematics modulate perisaccadic perception. Journal of Vision, 2015, 15, 4-4.	0.1	7
35	Maximizing sensitivity for fast GABA edited spectroscopy in the visual cortex at 7T. NMR in Biomedicine, 2018, 31, e3890.	1.6	7
36	Detailed T1-Weighted Profiles from the Human Cortex Measured in Vivo at 3 Tesla MRI. Neuroinformatics, 2018, 16, 181-196.	1.5	7

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37	Saccades Influence the Visibility of Targets in Rapid Stimulus Sequences: The Roles of Mislocalization, Retinal Distance and Remapping. <i>Frontiers in Systems Neuroscience</i> , 2016, 10, 58.	1.2	5
38	Validating Linear Systems Analysis for Laminar fMRI: Temporal Additivity for Stimulus Duration Manipulations. <i>Brain Topography</i> , 2021, 34, 88-101.	0.8	5
39	Laminar processing of numerosity supports a canonical cortical microcircuit in human parietal cortex. <i>Current Biology</i> , 2021, 31, 4635-4640.e4.	1.8	5
40	Examples of sub-millimeter, 7T, T1-weighted EPI datasets acquired with the T123DEPI sequence. <i>Data in Brief</i> , 2018, 20, 415-418.	0.5	4
41	Intra-saccadic displacement sensitivity after a lesion to the posterior parietal cortex. <i>Cortex</i> , 2020, 127, 108-119.	1.1	4
42	Hippocampal structural alterations in early-stage psychosis: Specificity and relationship to clinical outcomes. <i>NeuroImage: Clinical</i> , 2022, 35, 103087.	1.4	3
43	Perisaccadic perception: temporal unmasking or spatial uncrowding?. <i>Journal of Vision</i> , 2015, 15, 1307.	0.1	2
44	Point-spread function of the BOLD response across columns and cortical depth in human extra-striate cortex. <i>Progress in Neurobiology</i> , 2021, 207, 102187.	2.8	2
45	Overlapping topographic representations of numerosity and object size in human parietal cortex. <i>Journal of Vision</i> , 2015, 15, 1283.	0.1	1
46	Towards assessing extra-retinal uncertainty: A reply to M. Lisi (2020). <i>Cortex</i> , 2020, 130, 444-448.	1.1	0
47	Spatiotopic integration facilitates post-saccadic perception.. <i>Journal of Vision</i> , 2016, 16, 378.	0.1	0
48	Perceptual continuity across saccades: evidence for rapid spatiotopic updating. <i>Journal of Vision</i> , 2017, 17, 881.	0.1	0
49	Change Blindness: Is V1 change blind ?. <i>Journal of Vision</i> , 2018, 18, 983.	0.1	0
50	A fronto-parietal network of visual event duration-tuned topographic maps. <i>Journal of Vision</i> , 2018, 18, 962.	0.1	0
51	Systematic variation of laminar numerosity-tuning suggests information processing in parietal cortex analogous to V1. <i>Journal of Vision</i> , 2020, 20, 735.	0.1	0