

# Iole Indovina

## List of Publications by Year in descending order

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45  
papers

2,214  
citations

257450

24  
h-index

289244

40  
g-index

47  
all docs

47  
docs citations

47  
times ranked

2412  
citing authors

#	ARTICLE	IF	CITATIONS
1	Representation of Visual Gravitational Motion in the Human Vestibular Cortex. <i>Science</i> , 2005, 308, 416-419.	12.6	278
2	Fear-Conditioning Mechanisms Associated with Trait Vulnerability to Anxiety in Humans. <i>Neuron</i> , 2011, 69, 563-571.	8.1	277
3	Radiomics in breast cancer classification and prediction. <i>Seminars in Cancer Biology</i> , 2021, 72, 238-250.	9.6	165
4	Dissociation of Stimulus Relevance and Saliency Factors during Shifts of Visuospatial Attention. <i>Cerebral Cortex</i> , 2007, 17, 1701-1711.	2.9	155
5	On Somatotopic Representation Centers for Finger Movements in Human Primary Motor Cortex and Supplementary Motor Area. <i>NeuroImage</i> , 2001, 13, 1027-1034.	4.2	116
6	Simulated self-motion in a visual gravity field: Sensitivity to vertical and horizontal heading in the human brain. <i>NeuroImage</i> , 2013, 71, 114-124.	4.2	95
7	Role of the Insula and Vestibular System in Patients with Chronic Subjective Dizziness: An fMRI Study Using Sound-Evoked Vestibular Stimulation. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 334.	2.0	93
8	Altered Insular and Occipital Responses to Simulated Vertical Self-Motion in Patients with Persistent Postural-Perceptual Dizziness. <i>Frontiers in Neurology</i> , 2017, 8, 529.	2.4	74
9	Visual gravitational motion and the vestibular system in humans. <i>Frontiers in Integrative Neuroscience</i> , 2013, 7, 101.	2.1	61
10	Gravity in the Brain as a Reference for Space and Time Perception. <i>Multisensory Research</i> , 2015, 28, 397-426.	1.1	54
11	Real-time quantification of T2* changes using multiecho planar imaging and numerical methods. <i>Magnetic Resonance in Medicine</i> , 2002, 48, 877-882.	3.0	51
12	Multisensory Integration and Internal Models for Sensing Gravity Effects in Primates. <i>BioMed Research International</i> , 2014, 2014, 1-10.	1.9	48
13	The Brain Network Underlying Serial Visual Search: Comparing Overt and Covert Spatial Orienting, for Activations and for Effective Connectivity. <i>Cerebral Cortex</i> , 2009, 19, 2946-2958.	2.9	47
14	Personality traits modulate subcortical and cortical vestibular and anxiety responses to sound-evoked otolithic receptor stimulation. <i>Journal of Psychosomatic Research</i> , 2014, 77, 391-400.	2.6	47
15	Visual gravity cues in the interpretation of biological movements: neural correlates in humans. <i>NeuroImage</i> , 2015, 104, 221-230.	4.2	46
16	Neuroticism modulates brain visuo-vestibular and anxiety systems during a virtual rollercoaster task. <i>Human Brain Mapping</i> , 2017, 38, 715-726.	3.6	46
17	Functional Connectome of the Five-Factor Model of Personality. <i>Personality Neuroscience</i> , 2018, 1, .	1.6	40
18	Processing of Targets in Smooth or Apparent Motion Along the Vertical in the Human Brain: An fMRI Study. <i>Journal of Neurophysiology</i> , 2010, 103, 360-370.	1.8	39

#	ARTICLE	IF	CITATIONS
19	Filling gaps in visual motion for target capture. <i>Frontiers in Integrative Neuroscience</i> , 2015, 9, 13.	2.1	39
20	Brain responses to virtual reality visual motion stimulation are affected by neurotic personality traits in patients with persistent postural-perceptual dizziness. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2019, 28, 369-378.	2.0	38
21	Reduced cortical folding in multi-modal vestibular regions in persistent postural perceptual dizziness. <i>Brain Imaging and Behavior</i> , 2019, 13, 798-809.	2.1	35
22	Combined visual attention and finger movement effects on human brain representations. <i>Experimental Brain Research</i> , 2001, 140, 265-279.	1.5	34
23	Structural connectome and connectivity lateralization of the multimodal vestibular cortical network. <i>NeuroImage</i> , 2020, 222, 117247.	4.2	31
24	Occipital-â€‘parietal interactions during shifts of exogenous visuospatial attention: trial-dependent changes of effective connectivity. <i>Magnetic Resonance Imaging</i> , 2004, 22, 1477-1486.	1.8	30
25	Probabilistic Template of the Lateral Parabrachial Nucleus, Medial Parabrachial Nucleus, Vestibular Nuclei Complex, and Medullary Viscero-Sensory-Motor Nuclei Complex in Living Humans From 7 Tesla MRI. <i>Frontiers in Neuroscience</i> , 2019, 13, 1425.	2.8	27
26	Bilateral neuromagnetic activation of human primary sensorimotor cortex in preparation and execution of unilateral voluntary finger movements. <i>Brain Research</i> , 1999, 827, 234-236.	2.2	22
27	Tonotopic cortical changes following stapes substitution in otosclerotic patients: A magnetoencephalographic study. , 2000, 10, 28-38.		22
28	Anticipating the effects of visual gravity during simulated self-motion: estimates of time-to-passage along vertical and horizontal paths. <i>Experimental Brain Research</i> , 2013, 229, 579-586.	1.5	22
29	Path integration in 3D from visual motion cues: A human fMRI study. <i>NeuroImage</i> , 2016, 142, 512-521.	4.2	22
30	Brain Correlates of Persistent Postural-Perceptual Dizziness: A Review of Neuroimaging Studies. <i>Journal of Clinical Medicine</i> , 2021, 10, 4274.	2.4	21
31	Functional connectome of brainstem nuclei involved in autonomic, limbic, pain and sensory processing in living humans from 7 Tesla resting state fMRI. <i>NeuroImage</i> , 2022, 250, 118925.	4.2	21
32	In vivo multiple spin echoes imaging of trabecular bone on a clinical 1.5 T MR scanner. <i>Magnetic Resonance Imaging</i> , 2002, 20, 623-629.	1.8	17
33	Sound-evoked vestibular stimulation affects the anticipation of gravity effects during visual self-motion. <i>Experimental Brain Research</i> , 2015, 233, 2365-2371.	1.5	15
34	Variability and Reproducibility of Directed and Undirected Functional MRI Connectomes in the Human Brain. <i>Entropy</i> , 2019, 21, 661.	2.2	15
35	Lower Functional Connectivity in Vestibular-Limbic Networks in Individuals With Subclinical Agoraphobia. <i>Frontiers in Neurology</i> , 2019, 10, 874.	2.4	15
36	Watching the Effects of Gravity. Vestibular Cortex and the Neural Representation of â€‘Visualâ€‘Gravity. <i>Frontiers in Integrative Neuroscience</i> , 2021, 15, 793634.	2.1	13

#	ARTICLE	IF	CITATIONS
37	Intermolecular double quantum coherences (iDQc) and diffusion-weighted imaging (DWI) imaging of the human brain at 1.5 T. Magnetic Resonance Imaging, 2003, 21, 1151-1157.	1.8	12
38	Sensitivity of occipito-temporal cortex, premotor and Broca's areas to visible speech gestures in a familiar language. PLoS ONE, 2020, 15, e0234695.	2.5	8
39	Structural connectivity of autonomic, pain, limbic, and sensory brainstem nuclei in living humans based on 7 Tesla and 3 Tesla MRI. Human Brain Mapping, 2022, 43, 3086-3112.	3.6	7
40	Vestibular rehabilitation in patients with persistent postural-perceptual dizziness: a scoping review. Hearing, Balance and Communication, 2021, 19, 282-290.	0.4	5
41	Quantitative NumART2* mapping in functional MRI studies at 1.5 T. Magnetic Resonance Imaging, 2003, 21, 1241-1249.	1.8	3
42	Dynamic inter-network connectivity in the human brain. , 2017, 2017, 3313-3316.		3
43	Dynamical brain connectivity estimation using GARCH models: An application to personality neuroscience. , 2017, 2017, 3305-3308.		2
44	Structural connectome of the human vestibular, pre-motor, and navigation network *. , 2018, 2018, 588-591.		1
45	Hand use modifies visual attention and voluntary movement related activation. NeuroImage, 2001, 13, 1195.	4.2	0