

# Pia Rotshtein

## List of Publications by Year in descending order

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Version: 2024-02-01

103  
papers

7,958  
citations

126907

33  
h-index

51608

86  
g-index

115  
all docs

115  
docs citations

115  
times ranked

9644  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neural systems supporting interoceptive awareness. <i>Nature Neuroscience</i> , 2004, 7, 189-195.	14.8	2,955
2	Morphing Marilyn into Maggie dissociates physical and identity face representations in the brain. <i>Nature Neuroscience</i> , 2005, 8, 107-113.	14.8	492
3	Automatic guidance of attention from working memory. <i>Trends in Cognitive Sciences</i> , 2008, 12, 342-348.	7.8	387
4	A critique of functional localisers. <i>NeuroImage</i> , 2006, 30, 1077-1087.	4.2	369
5	Activity in the human brain predicting differential heart rate responses to emotional facial expressions. <i>NeuroImage</i> , 2005, 24, 751-762.	4.2	308
6	Sensing the invisible: differential sensitivity of visual cortex and amygdala to traumatic context. <i>NeuroImage</i> , 2003, 19, 587-600.	4.2	201
7	Pupillary contagion: central mechanisms engaged in sadness processing. <i>Social Cognitive and Affective Neuroscience</i> , 2006, 1, 5-17.	3.0	190
8	Coupling social attention to the self forms a network for personal significance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 7607-7612.	7.1	178
9	Dissociating the neural mechanisms of memory-based guidance of visual selection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 17186-17191.	7.1	139
10	Feeling or Features. <i>Neuron</i> , 2001, 32, 747-757.	8.1	137
11	Separating neural correlates of allocentric and egocentric neglect: Distinct cortical sites and common white matter disconnections. <i>Cognitive Neuropsychology</i> , 2010, 27, 277-303.	1.1	135
12	Amygdala damage affects event-related potentials for fearful faces at specific time windows. <i>Human Brain Mapping</i> , 2010, 31, 1089-1105.	3.6	118
13	Pleasant music overcomes the loss of awareness in patients with visual neglect. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 6011-6016.	7.1	115
14	Registered Reports: Realigning incentives in scientific publishing. <i>Cortex</i> , 2015, 66, A1-A2.	2.4	115
15	Identification of Emotional Facial Expressions: Effects of Expression, Intensity, and Sex on Eye Gaze. <i>PLoS ONE</i> , 2016, 11, e0168307.	2.5	113
16	Neuroanatomical Dissections of Unilateral Visual Neglect Symptoms: ALE Meta-Analysis of Lesion-Symptom Mapping. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 230.	2.0	110
17	Sensory-Specific Satiety Is Intact in Amnesics Who Eat Multiple Meals. <i>Psychological Science</i> , 2008, 19, 623-628.	3.3	107
18	Role of Features and Second-order Spatial Relations in Face Discrimination, Face Recognition, and Individual Face Skills: Behavioral and Functional Magnetic Resonance Imaging Data. <i>Journal of Cognitive Neuroscience</i> , 2007, 19, 1435-1452.	2.3	105

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19	Distinct and Convergent Visual Processing of High and Low Spatial Frequency Information in Faces. <i>Cerebral Cortex</i> , 2007, 17, 2713-2724.	2.9	92
20	The Role of the Amygdala in Signaling Prospective Outcome of Choice. <i>Neuron</i> , 2002, 33, 983-994.	8.1	86
21	Recovery after stroke: not so proportional after all?. <i>Brain</i> , 2019, 142, 15-22.	7.6	84
22	On-Line Attentional Selection From Competing Stimuli in Opposite Visual Fields: Effects on Human Visual Cortex and Control Processes. <i>Journal of Neurophysiology</i> , 2006, 96, 2601-2612.	1.8	67
23	The central role of the temporo-parietal junction and the superior longitudinal fasciculus in supporting multi-item competition: Evidence from lesion-symptom mapping of extinction. <i>Cortex</i> , 2013, 49, 487-506.	2.4	63
24	Interactions between metabolic, reward and cognitive processes in appetite control: Implications for novel weight management therapies. <i>Journal of Psychopharmacology</i> , 2017, 31, 1460-1474.	4.0	61
25	Self-prioritization and the attentional systems. <i>Current Opinion in Psychology</i> , 2019, 29, 148-152.	4.9	61
26	The Neural Underpinings of Simultanagnosia: Disconnecting the Visuospatial Attention Network. <i>Journal of Cognitive Neuroscience</i> , 2012, 24, 718-735.	2.3	53
27	The Prognosis of Allocentric and Egocentric Neglect: Evidence from Clinical Scans. <i>PLoS ONE</i> , 2012, 7, e47821.	2.5	47
28	Is it always me first? Effects of self-tagging on third-person perspective-taking. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2015, 41, 1100-1117.	0.9	45
29	The Neuroanatomy of Visual Enumeration: Differentiating Necessary Neural Correlates for Subitizing versus Counting in a Neuropsychological Voxel-based Morphometry Study. <i>Journal of Cognitive Neuroscience</i> , 2012, 24, 948-964.	2.3	39
30	Neuronal substrates of Corsi Block span: Lesion symptom mapping analyses in relation to attentional competition and spatial bias. <i>Neuropsychologia</i> , 2014, 64, 240-251.	1.6	39
31	The role of the pulvinar in resolving competition between memory and visual selection: A functional connectivity study. <i>Neuropsychologia</i> , 2011, 49, 1544-1552.	1.6	38
32	Emotion-perception interplay in the visual cortex: "the eyes follow the heart". <i>Cellular and Molecular Neurobiology</i> , 2001, 21, 733-752.	3.3	35
33	The Neural Substrates of Drawing: A Voxel-based Morphometry Analysis of Constructional, Hierarchical, and Spatial Representation Deficits. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 2701-2715.	2.3	35
34	The Interrelations between Verbal Working Memory and Visual Selection of Emotional Faces. <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 1189-1200.	2.3	32
35	Competition in Working Memory Reduces Frontal Guidance of Visual Selection. <i>Cerebral Cortex</i> , 2012, 22, 1159-1169.	2.9	32
36	Psychopathic traits are associated with reduced attention to the eyes of emotional faces among adult male non-offenders. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 552.	2.0	32

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37	Empathy and visual perspective-taking performance. <i>Cognitive Neuroscience</i> , 2016, 7, 170-181.	1.4	31
38	Affective Recognition in Dynamic and Interactive Virtual Environments. <i>IEEE Transactions on Affective Computing</i> , 2020, 11, 45-62.	8.3	30
39	Associations Between Core Symptoms of Attention Deficit Hyperactivity Disorder and Both Binge and Restrictive Eating. <i>Frontiers in Psychiatry</i> , 2018, 9, 103.	2.6	29
40	Emotional expression recognition and attribution bias among sexual and violent offenders: a signal detection analysis. <i>Frontiers in Psychology</i> , 2015, 6, 595.	2.1	27
41	Lesion-symptom mapping of a complex figure copy task: A large-scale PCA study of the BCoS trial. <i>NeuroImage: Clinical</i> , 2016, 11, 622-634.	2.7	27
42	Adaptive virtual environments: A physiological feedback HCI system concept. , 2015, , .		26
43	Common and distinct neural regions for the guidance of selection by visuoverbal information held in memory: Converging evidence from fMRI and rTMS. <i>Human Brain Mapping</i> , 2012, 33, 105-120.	3.6	22
44	The relation of object naming and other visual speech production tasks:A large scale voxel-based morphometric study. <i>NeuroImage: Clinical</i> , 2015, 7, 463-475.	2.7	22
45	Influencing Human Affective Responses to Dynamic Virtual Environments. <i>Presence: Teleoperators and Virtual Environments</i> , 2016, 25, 81-107.	0.6	21
46	Effects of spatial frequency bands on perceptual decision: It is not the stimuli but the comparison. <i>Journal of Vision</i> , 2010, 10, 25-25.	0.3	20
47	Parietal structure and function explain human variation in working memory biases of visual attention. <i>NeuroImage</i> , 2014, 89, 289-296.	4.2	20
48	Common and distinct neural mechanisms of visual and tactile extinction: A large scale VBM study in sub-acute stroke. <i>NeuroImage: Clinical</i> , 2013, 2, 291-302.	2.7	19
49	Prioritization of Self-Relevant Perspectives in Ageing. <i>Quarterly Journal of Experimental Psychology</i> , 2017, 70, 1033-1052.	1.1	19
50	Common and dissociated mechanisms for estimating large and small dot arrays: Value-specific fMRI adaptation. <i>Human Brain Mapping</i> , 2014, 35, 3988-4001.	3.6	18
51	Lesion-Symptom Mapping of Self-Prioritization in Explicit Face Categorization: Distinguishing Hypo- and Hyper-Self-Biases. <i>Cerebral Cortex</i> , 2015, 25, 374-383.	2.9	18
52	Neural correlates of theory of mind in typically-developing youth: Influence of sex, age and callous-unemotional traits. <i>Scientific Reports</i> , 2019, 9, 16216.	3.3	18
53	Diminished neural sensitivity to irregular facial expression in first-episode schizophrenia. <i>Human Brain Mapping</i> , 2009, 30, 2606-2616.	3.6	17
54	Biasing visual selection: Functional neuroimaging of the interplay between spatial cueing and feature memory guidance. <i>Neuropsychologia</i> , 2011, 49, 1537-1543.	1.6	16

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55	The Neural Selection and Integration of Actions and Objects: An fMRI Study. <i>Journal of Cognitive Neuroscience</i> , 2012, 24, 2268-2279.	2.3	16
56	Relations of Distinct Psychopathic Personality Traits with Anxiety and Fear: Findings from Offenders and Non-Offenders. <i>PLoS ONE</i> , 2015, 10, e0143120.	2.5	16
57	Differential interactions between identity and emotional expression in own and other-race faces: Effects of familiarity revealed through redundancy gains.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2014, 40, 1025-1038.	0.9	15
58	Integration of identity and emotion information in faces: fMRI evidence. <i>Brain and Cognition</i> , 2017, 116, 29-39.	1.8	15
59	Boldness psychopathic traits predict reduced gaze toward fearful eyes in men with a history of violence. <i>Biological Psychology</i> , 2017, 128, 29-38.	2.2	15
60	The neural correlates of Fitts's law in action observation: An fMRI study. <i>Social Neuroscience</i> , 2012, 7, 30-41.	1.3	13
61	Top-down guidance of attention to food cues is enhanced in individuals with overweight/obesity and predicts change in weight at one-year follow up. <i>International Journal of Obesity</i> , 2019, 43, 1849-1858.	3.4	13
62	The frequency and severity of extinction after stroke affecting different vascular territories. <i>Neuropsychologia</i> , 2014, 54, 11-17.	1.6	12
63	Positive and negative parenting in conduct disorder with high versus low levels of callous/unemotional traits. <i>Development and Psychopathology</i> , 2020, 33, 1-12.	2.3	12
64	The processing of facial identity and expression is interactive, but dependent on task and experience. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 920.	2.0	11
65	The perceptual saliency of fearful eyes and smiles: A signal detection study. <i>PLoS ONE</i> , 2017, 12, e0173199.	2.5	11
66	Altered hippocampal functional connectivity patterns in patients with cognitive impairments following ischaemic stroke: A resting-state fMRI study. <i>NeuroImage: Clinical</i> , 2021, 32, 102742.	2.7	11
67	Pupil reactivity to emotional faces among convicted violent offenders: The role of psychopathic traits.. <i>Journal of Abnormal Psychology</i> , 2019, 128, 622-632.	1.9	10
68	Differential stimuli and task effects in the amygdala and sensory areas. <i>NeuroReport</i> , 2006, 17, 1391-1395.	1.2	9
69	Contradictory Reasoning Network: An EEG and fMRI Study. <i>PLoS ONE</i> , 2014, 9, e92835.	2.5	9
70	Preliminary findings on the reliability and validity of the Cantonese Birmingham Cognitive Screen in patients with acute ischemic stroke. <i>Neuropsychiatric Disease and Treatment</i> , 2015, 11, 2377.	2.2	9
71	The effect of intranasal insulin on appetite and mood in women with and without obesity: an experimental medicine study. <i>International Journal of Obesity</i> , 2022, 46, 1319-1327.	3.4	9
72	Attentional modulation of perceptual comparison for feature binding. <i>Brain and Cognition</i> , 2011, 77, 335-344.	1.8	8

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73	Interactions between Identity and Emotional Expression in Face Processing across the Lifespan: Evidence from Redundancy Gains. <i>Journal of Aging Research</i> , 2014, 2014, 1-12.	0.9	8
74	The Dorsal Anterior Cingulate Cortex Modulates Dialectical Self-Thinking. <i>Frontiers in Psychology</i> , 2016, 7, 152.	2.1	8
75	CogWatch: Automatic prompting system for stroke survivors during activities of daily living. <i>Journal of Innovation in Digital Ecosystems</i> , 2016, 3, 48-56.	1.3	8
76	Neural responses to intention and benefit appraisal are critical in distinguishing gratitude and joy. <i>Scientific Reports</i> , 2020, 10, 7864.	3.3	8
77	The effects of lisdexamfetamine dimesylate on eating behaviour and homeostatic, reward and cognitive processes in women with binge-eating symptoms: an experimental medicine study. <i>Translational Psychiatry</i> , 2022, 12, 9.	4.8	8
78	CogWatch: Intelligent agent-based system to assist stroke survivors during tea-making. , 2015, , .		6
79	Neural correlates of top-down guidance of attention to food: An fMRI study. <i>Physiology and Behavior</i> , 2020, 225, 113085.	2.1	6
80	Building a Lego wall: Sequential action selection.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2017, 43, 847-852.	0.9	6
81	The effect of attachment and environmental manipulations on cooperative behavior in the prisonerâ€™s dilemma game. <i>PLoS ONE</i> , 2018, 13, e0205730.	2.5	5
82	Delineating the cognitive-neural substrates of writing: a large scale behavioral and voxel based morphometry study. <i>Scientific Reports</i> , 2019, 9, 18881.	3.3	5
83	Deviation of Fiber Tracts in the Vicinity of Brain Lesions: Evaluation by Diffusion Tensor Imaging. <i>Israel Journal of Chemistry</i> , 2010, 43, 155-163.	2.3	4
84	Selecting object pairs for action: Is the active object always first?. <i>Experimental Brain Research</i> , 2015, 233, 2269-2281.	1.5	4
85	Intelligent prompting system to assist stroke survivors. <i>Journal of Ambient Intelligence and Smart Environments</i> , 2017, 9, 707-723.	1.4	4
86	Praising others differently: Neuroanatomical correlates to individual differences in trait gratitude and elevation. <i>Social Cognitive and Affective Neuroscience</i> , 2018, 13, 1225-1234.	3.0	4
87	Machine learning classification of conduct disorder with high versus low levels of callous-unemotional traits based on facial emotion recognition abilities. <i>European Child and Adolescent Psychiatry</i> , 2023, 32, 589-600.	4.7	4
88	A Critique of Functional Localizers. , 2010, , 3-24.		4
89	The efficacy of a task model approach to ADL rehabilitation in stroke apraxia and action disorganisation syndrome: A randomised controlled trial. <i>PLoS ONE</i> , 2022, 17, e0264678.	2.5	4
90	Using Human-Computer Interface for Rehabilitation of Activities of Daily Living (ADL) in Stroke Patients: Lessons from the First Prototype. <i>Biosystems and Biorobotics</i> , 2014, , 629-636.	0.3	3

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91	Self-related information interfere with task performances: a cross-cultural investigation. <i>Culture and Brain</i> , 2015, 3, 112-121.	0.5	3
92	Mapping functional brain organization: Rethinking lesion symptom mapping and advanced neuroimaging methods in the understanding of human cognition. <i>Neuropsychologia</i> , 2018, 115, 1-4.	1.6	3
93	Mechanisms underlying selecting objects for action. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 199.	2.0	2
94	Processing of emotional faces in sexual offenders with and without child victims: An eye-tracking study with pupillometry. <i>Biological Psychology</i> , 2021, 163, 108141.	2.2	2
95	Effects of paired-object affordance in search tasks across the adult lifespan. <i>Brain and Cognition</i> , 2016, 105, 22-33.	1.8	1
96	Relevance, valence, and the self-attention network. <i>Cognitive Neuroscience</i> , 2016, 7, 27-28.	1.4	1
97	Applications of Capacity Analysis into Social Cognition Domain. , 2017, , 381-400.		1
98	Common and distinct neural mechanisms of visual and tactile extinction: A large scale VBM study in sub-acute stroke. <i>Seeing and Perceiving</i> , 2012, 25, 17.	0.3	0
99	THE ROLE OF HIPPOCAMPAL PATHOLOGY IN POST-STROKE COGNITIVE IMPAIRMENT. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, e1.197-e1.	1.9	0
100	Differentiating subitizing and counting: a voxel based correlational study. <i>Journal of Vision</i> , 2011, 11, 175-175.	0.3	0
101	Distracter rejection depends on mechanisms of attentional shifting. <i>Journal of Vision</i> , 2012, 12, 1343-1343.	0.3	0
102	Effects of Object Affordance in a Visual Search Task. <i>Journal of Vision</i> , 2015, 15, 760.	0.3	0
103	Frontal Intrinsic Connectivity Networks Support Contradiction Identification During Inductive and Deductive Reasoning. <i>Cognitive Computation</i> , 0, , 1.	5.2	0