Patricia A Reuter-Lorenz

List of Publications by Year
in descending order

130	16,241	34105 52	18647 119
papers	citations	h-index	g-index

148	148	148	14282
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Changes in working memory brain activity and task-based connectivity after long-duration spaceflight. Cerebral Cortex, 2023, 33, 2641-2654.	2.9	6
2	Failing to forget? Evidence for both impaired and preserved working memory control in older adults. Aging, Neuropsychology, and Cognition, 2021, 28, 884-906.	1.3	1
3	Affective forecasting: A selective relationship with working memory for emotion.. Journal of Experimental Psychology: General, 2021, 150, 67-82.	2.1	3
4	Executive functions and neurocognitive aging. , 2021, , 67-81.		11
5	Age differences in functional network reconfiguration with working memory training. Human Brain Mapping, 2021, 42, 1888-1909.	3.6	6
6	Brain activity during walking in older adults: Implications for compensatory versus dysfunctional accounts. Neurobiology of Aging, 2021, 105, 349-364.	3.1	16
7	The Effects of Long Duration Spaceflight on Sensorimotor Control and Cognition. Frontiers in Neural Circuits, 2021, 15, 723504.	2.8	40
8	Investigating the Effects of Spacing on Working Memory Training Outcome: A Randomized, Controlled, Multisite Trial in Older Adults. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2020, 75, 1181-1192.	3.9	20
9	Variability in the analysis of a single neuroimaging dataset by many teams. Nature, 2020, 582, 84-88.	27.8	634
10	Neural correlates of working memory training: Evidence for plasticity in older adults. NeuroImage, 2020, 217, 116887.	4.2	19
11	Asymmetrical learning and memory for acquired gain versus loss associations. Cognition, 2020, 202, 104318.	2.2	5
12	Neural Dedifferentiation across the Lifespan in the Motor and Somatosensory Systems. Cerebral Cortex, 2020, 30, 3704-3716.	2.9	38
13	Age-Related Reductions in Tactile and Motor Inhibitory Function Start Early but Are Independent. Frontiers in Aging Neuroscience, 2019, 11, 193.	3.4	13
14	Affective Working Memory: An Integrative Psychological Construct. Perspectives on Psychological Science, 2019, 14, 543-559.	9.0	34
15	Reply to â€˜Mechanisms underlying resilience in ageingâ€™. Nature Reviews Neuroscience, 2019, 20, 247-247.	10.2	12
16	Serial position-dependent false memory effects. Memory, 2019, 27, 397-409.	1.7	0
17	Brain connectivity tracks effects of chemotherapy separately from behavioral measures. NeuroImage: Clinical, 2019, 21, 101654.	2.7	18
18	Multimodal Imaging of Brain Activity to Investigate Walking and Mobility Decline in Older Adults (Mind in Motion Study): Hypothesis, Theory, and Methods. Frontiers in Aging Neuroscience, 2019, 11, 358.	3.4	20

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19	Neural predictors of sensorimotor adaptation rate and savings. Human Brain Mapping, 2018, 39, 1516-1531.	3.6	28
20	Vestibular brain changes within 70 days of head down bed rest. Human Brain Mapping, 2018, 39, 2753-2763.	3.6	43
21	From cognitive tasks to cognitive theories and back again: Fitting data to the real world.. Journal of Applied Research in Memory and Cognition, 2018, 7, 510-513.	1.1	3
22	Maintenance, reserve and compensation: the cognitive neuroscience of healthy ageing. Nature Reviews Neuroscience, 2018, 19, 701-710.	10.2	691
23	Exercise effects on bed rest-induced brain changes. PLoS ONE, 2018, 13, e0205515.	2.5	8
24	Change of cortical foot activation following 70 days of head-down bed rest. Journal of Neurophysiology, 2018, 119, 2145-2152.	1.8	22
25	Cognitive dysfunction and symptom burden in women treated for breast cancer: a prospective behavioral and fMRI analysis. Brain Imaging and Behavior, 2017, 11, 86-97.	2.1	58
26	Intracranial Fluid Redistribution But No White Matter Microstructural Changes During a Spaceflight Analog. Scientific Reports, 2017, 7, 3154.	3.3	27
27	Rehearsal of to-be-remembered items is unnecessary to perform directed forgetting within working memory: Support for an active control mechanism.. Journal of Experimental Psychology: Learning Memory and Cognition, 2017, 43, 94-108.	0.9	7
28	Age-related change and the predictive value of the â€œResting stateâ€• a commentary on Campbell and Schacter (2016). Language, Cognition and Neuroscience, 2017, 32, 674-677.	1.2	12
29	Brain plasticity and sensorimotor deterioration as a function of 70 days head down tilt bed rest. PLoS ONE, 2017, 12, e0182236.	2.5	75
30	Aging and Network Properties: Stability Over Time and Links with Learning during Working Memory Training. Frontiers in Aging Neuroscience, 2017, 9, 419.	3.4	54
31	Increased Brain Activation for Dual Tasking with 70-Days Head-Down Bed Rest. Frontiers in Systems Neuroscience, 2016, 10, 71.	2.5	46
32	Uncertainty and Promise: the Effects of Transcranial Direct Current Stimulation on Working Memory. Current Behavioral Neuroscience Reports, 2016, 3, 109-121.	1.3	16
33	Executive Functions and Neurocognitive Aging. , 2016, , 245-262.		39
34	Effects of a spaceflight analog environment on brain connectivity and behavior. NeuroImage, 2016, 141, 18-30.	4.2	58
35	The suppression of scale-free fMRI brain dynamics across three different sources of effort: aging, task novelty and task difficulty. Scientific Reports, 2016, 6, 30895.	3.3	64
36	Assessment of Cognitive Impairment and Complaints in Individuals With Colorectal Cancer. Oncology Nursing Forum, 2016, 43, 169-178.	1.2	14

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37	Neuropsychology of aging, past, present and future: Contributions of Morris Moscovitch. Neuropsychologia, 2016, 90, 117-124.	1.6	6
38	Emotion and reward are dissociable from error during motor learning. Experimental Brain Research, 2016, 234, 1385-1394.	1.5	6
39	Working Memory and Executive Functions in the Aging Brain. , 2016, , 235-258.		6
40	Misremembering what you see or hear: Dissociable effects of modality on short- and long-term false recognition.. Journal of Experimental Psychology: Learning Memory and Cognition, 2015, 41, 1316-1325.	0.9	13
41	Scaleâ€free brain dynamics under physical and psychological distress: Preâ€treatment effects in women diagnosed with breast cancer. Human Brain Mapping, 2015, 36, 1077-1092.	3.6	34
42	Exercise as potential countermeasure for the effects of 70 days of bed rest on cognitive and sensorimotor performance. Frontiers in Systems Neuroscience, 2015, 9, 121.	2.5	40
43	Examining the relationship between skilled music training and attention. Consciousness and Cognition, 2015, 36, 169-179.	1.5	32
44	Age trajectories of functional activation under conditions of low and high processing demands: An adult lifespan fMRI study of the aging brain. NeuroImage, 2015, 104, 21-34.	4.2	97
45	Dysexecutive Amnesia. , 2015, , 717-723.		1
46	The Functional Connectivity Landscape of the Human Brain. PLoS ONE, 2014, 9, e111007.	2.5	44
47	Get the gist? The effects of processing depth on false recognition in short-term and long-term memory. Memory and Cognition, 2014, 42, 701-711.	1.6	31
48	Cognitive control of familiarity: Directed forgetting reduces proactive interference in working memory. Cognitive, Affective and Behavioral Neuroscience, 2014, 14, 78-89.	2.0	15
49	How Does it STAC Up? Revisiting the Scaffolding Theory of Aging and Cognition. Neuropsychology Review, 2014, 24, 355-370.	4.9	643
50	Neuromarkers of fatigue and cognitive complaints following chemotherapy for breast cancer: a prospective fMRI investigation. Breast Cancer Research and Treatment, 2014, 147, 445-455.	2.5	56
51	Pretreatment worry and neurocognitive responses in women with breast cancer.. Health Psychology, 2014, 33, 222-231.	1.6	62
52	Study protocol to examine the effects of spaceflight and a spaceflight analog on neurocognitive performance: extent, longevity, and neural bases. BMC Neurology, 2013, 13, 205.	1.8	77
53	Cognitive function and breast cancer: promise and potential insights from functional brain imaging. Breast Cancer Research and Treatment, 2013, 137, 33-43.	2.5	61
54	The short- and long-term consequences of directed forgetting in a working memory task. Memory, 2013, 21, 763-777.	1.7	19

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55	Imaging Fatigue of Interference Control Reveals the Neural Basis of Executive Resource Depletion. Journal of Cognitive Neuroscience, 2013, 25, 338-351.	2.3	46
56	Physical activity is related to timing performance in older adults. Aging, Neuropsychology, and Cognition, 2013, 20, 356-369.	1.3	5
57	Aging and Cognitive Neuroimaging. Perspectives on Psychological Science, 2013, 8, 68-71.	9.0	18
58	What is a representative brain? Neuroscience meets population science. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 17615-17622.	7.1	198
59	Introduction to Section VII: Aging and Prefrontal Function. , 2013, , 555-566.		0
60	Session II: Mechanisms of Age-Related Cognitive Change and Targets for Intervention: Neural Circuits, Networks, and Plasticity. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2012, 67, 747-753.	3.6	37
61	Memory distortion in Alzheimer's disease: Deficient monitoring of short- and long-term memory.. Neuropsychology, 2012, 26, 509-516.	1.3	22
62	The effects of working memory resource depletion and training on sensorimotor adaptation. Behavioural Brain Research, 2012, 228, 107-115.	2.2	103
63	Neural mechanisms of semantic interference and false recognition in short-term memory. NeuroImage, 2011, 56, 1726-1734.	4.2	61
64	Dissecting the clock: Understanding the mechanisms of timing across tasks and temporal intervals. Acta Psychologica, 2011, 136, 20-34.	1.5	41
65	Age differences in callosal contributions to cognitive processes. Neuropsychologia, 2011, 49, 2564-2569.	1.6	38
66	Resolving semantic and proactive interference in memory over the short-term. Memory and Cognition, 2011, 39, 806-817.	1.6	23
67	Failure to Engage Spatial Working Memory Contributes to Age-related Declines in Visuomotor Learning. Journal of Cognitive Neuroscience, 2011, 23, 11-25.	2.3	150
68	Control of Reflexive Saccades following Hemispherectomy. Journal of Cognitive Neuroscience, 2011, 23, 1368-1378.	2.3	8
69	Harnessing neuroplasticity for clinical applications. Brain, 2011, 134, 1591-1609.	7.6	907
70	Differential Callosal Contributions to Bimanual Control in Young and Older Adults. Journal of Cognitive Neuroscience, 2011, 23, 2171-2185.	2.3	86
71	False memories seconds later: The rapid and compelling onset of illusory recognition.. Journal of Experimental Psychology: Learning Memory and Cognition, 2010, 36, 1331-1338.	0.9	39
72	Contributions of Spatial Working Memory to Visuomotor Learning. Journal of Cognitive Neuroscience, 2010, 22, 1917-1930.	2.3	247

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73	Bimanual coordination and aging: Neurobehavioral implications. Neuropsychologia, 2010, 48, 1165-1170.	1.6	86
74	Age Differences in the Neural Representation of Working Memory Revealed by Multi-Voxel Pattern Analysis. Frontiers in Human Neuroscience, 2010, 4, 217.	2.0	95
75	Human Neuroscience and the Aging Mind: A New Look at Old Problems. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2010, 65B, 405-415.	3.9	328
76	Age differences in prefontal recruitment during verbal working memory maintenance depend on memory load. Cortex, 2010, 46, 462-473.	2.4	333
77	Prechemotherapy alterations in brain function in women with breast cancer. Journal of Clinical and Experimental Neuropsychology, 2010, 32, 324-331.	1.3	141
78	The Adaptive Brain: Aging and Neurocognitive Scaffolding. Annual Review of Psychology, 2009, 60, 173-196.	17.7	2,045
79	Mapping interference resolution across task domains: A shared control process in left inferior frontal gyrus. Brain Research, 2009, 1256, 92-100.	2.2	81
80	Aging, Training, and the Brain: A Review and Future Directions. Neuropsychology Review, 2009, 19, 504-522.	4.9	567
81	False working memories? Semantic distortion in a mere 4 seconds. Memory and Cognition, 2008, 36, 74-81.	1.6	57
82	Gaining Control: Training Executive Function and Far Transfer of the Ability to Resolve Interference [retracted]. Psychological Science, 2008, 19, 881-888.	3.3	92
83	Neurocognitive Aging and the Compensation Hypothesis. Current Directions in Psychological Science, 2008, 17, 177-182.	5.3	1,207
84	Exploring the motivational brain: effects of implicit power motivation on brain activation in response to facial expressions of emotion. Social Cognitive and Affective Neuroscience, 2008, 3, 333-343.	3.0	64
85	Emotion and working memory: Evidence for domain-specific processes for affective maintenance.. Emotion, 2008, 8, 256-266.	1.8	61
86	The Executive Is Central to Working Memory: Insights from Age, Performance, and Task Variations. , 2008, , 250-271.		3
87	Age Differences in Deactivation: A Link to Cognitive Control?. Journal of Cognitive Neuroscience, 2007, 19, 1021-1032.	2.3	294
88	Cognitive fatigue of executive processes: Interaction between interference resolution tasks. Neuropsychologia, 2007, 45, 1571-1579.	1.6	91
89	Biocultural Co-Construction of Lifespan Development. , 2006, , 40-58.		9
90	Prologue: Biocultural Co-Constructivism as a Theoretical Metascript. , 2006, , 3-39.		9

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91	The Aging Mind and Brain: Implications of Enduring Plasticity for Behavioral and Cultural Change. , 2006, , 255-276.		23
92	Divergent trajectories in the aging mind: Changes in working memory for affective versus visual information with age.. Psychology and Aging, 2005, 20, 542-553.	1.6	232
93	Brain aging: reorganizing discoveries about the aging mind. Current Opinion in Neurobiology, 2005, 15, 245-251.	4.2	465
94	A split-brain model of Alzheimer's disease?. Neuropsychologia, 2005, 43, 1307-1317.	1.6	20
95	Strategic modulation of the fixation-offset effect: dissociable effects of target probability on prosaccades and antisaccades. Experimental Brain Research, 2005, 164, 194-204.	1.5	9
96	Unilateral Visual Cueing and Asymmetric Line Geometry Share a Common Attentional Origin in the Modulation of Pseudoneglect. Cortex, 2005, 41, 499-511.	2.4	48
97	Selection requirements during verb generation: differential recruitment in older and younger adults. NeuroImage, 2004, 23, 1382-1390.	4.2	129
98	Neural Gate Keeping: The Role of Interhemispheric Interactions in Resource Allocation and Selective Filtering.. Neuropsychology, 2004, 18, 328-339.	1.3	9
99	The Cognitive Neuroscience of Working Memory and Aging. , 2004, , 186-217.		27
100	Dissociable neural mechanisms underlying response-based and familiarity-based conflict in working memory. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 11171-11175.	7.1	192
101	New visions of the aging mind and brain. Trends in Cognitive Sciences, 2002, 6, 394-400.	7.8	409
102	Egocentric body-centered coordinates modulate visuomotor performance. Neuropsychologia, 2002, 40, 1822-1833.	1.6	24
103	Neurocognitive ageing of storage and executive processes. European Journal of Cognitive Psychology, 2001, 13, 257-278.	1.3	56
104	Chapter 30 Object-based attention and object working memory: overlapping processes revealed by selective interference effects in humans. Progress in Brain Research, 2001, 134, 471-481.	1.4	25
105	Neurocognitive ageing of storage and executive processes. European Journal of Cognitive Psychology, 2001, 13, 257-278.	1.3	16
106	Age Differences in the Frontal Lateralization of Verbal and Spatial Working Memory Revealed by PET. Journal of Cognitive Neuroscience, 2000, 12, 174-187.	2.3	848
107	Age Differences in Behavior and PET Activation Reveal Differences in Interference Resolution in Verbal Working Memory. Journal of Cognitive Neuroscience, 2000, 12, 188-196.	2.3	204
108	Differential Effects of Aging on the Functions of the Corpus Callosum. Developmental Neuropsychology, 2000, 18, 113-137.	1.4	69

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109	Neural Recruitment and Cognitive Aging: Two Hemispheres Are Better Than One, Especially as You Age. Psychological Science, 1999, 10, 494-500.	3.3	186
110	The Cognitive Neuroscience of Human Laterality: Lessons From the Bisected Brain. Current Directions in Psychological Science, 1998, 7, 15-20.	5.3	11
111	The Role of Parietal Cortex in Verbal Working Memory. Journal of Neuroscience, 1998, 18, 5026-5034.	3.6	556
112	Object-centered neglect for letters: Do informational asymmetries play a role?. Neuropsychologia, 1997, 35, 445-456.	1.6	5
113	Verbal and Spatial Working Memory in Humans. Psychology of Learning and Motivation - Advances in Research and Theory, 1996, 35, 43-88.	1.1	43
114	Vertical orienting control: Evidence for attentional bias and "neglect" in the intact brain.. Journal of Experimental Psychology: General, 1996, 125, 139-158.	2.1	57
115	Auditory cues and inhibition of return: the importance of oculomotor activation. Experimental Brain Research, 1996, 112, 119-26.	1.5	30
116	Object-Centered Attentional Biases in the Intact Brain. Journal of Cognitive Neuroscience, 1996, 8, 540-550.	2.3	20
117	What is inhibited in inhibition of return.. Journal of Experimental Psychology: Human Perception and Performance, 1996, 22, 367-378.	0.9	176
118	What is inhibited in inhibition of return.. Journal of Experimental Psychology: Human Perception and Performance, 1996, 22, 367-378.	0.9	46
119	Vertical orienting control: Evidence for attentional bias and "neglect" in the intact brain.. Journal of Experimental Psychology: General, 1996, 125, 139-58.	2.1	19
120	Redefining cognitive psychology. Behavioral and Brain Sciences, 1995, 18, 363-364.	0.7	1
121	Warning signals, response specificity and the gap effect: Implications for a nonattentional account. Behavioral and Brain Sciences, 1993, 16, 585-586.	0.7	3
122	Modes of Lexical Access in the Callosotomized Brain. Journal of Cognitive Neuroscience, 1992, 4, 155-164.	2.3	76
123	The reduction of saccadic latency by prior offset of the fixation point: An analysis of the gap effect. Perception & Psychophysics, 1991, 49, 167-175.	2.3	323
124	Fixation-point offsets reduce the latency of saccades to acoustic targets. Perception & Psychophysics, 1991, 50, 383-387.	2.3	70
125	Components of neglect from right-hemisphere damage: An analysis of line bisection. Neuropsychologia, 1990, 28, 327-333.	1.6	159
126	A prelexical basis for letter-by-letter reading: A case study. Cognitive Neuropsychology, 1990, 7, 1-20.	1.1	88

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127	Hemispheric control of spatial attention. Brain and Cognition, 1990, 12, 240-266.	1.8	274
128	Introspection From a New Point of View. PsycCritiques, 1988, 33, 433-434.	0.0	0
129	Differential contributions of the two cerebral hemispheres to the perception of happy and sad faces. Neuropsychologia, 1981, 19, 609-613.	1.6	280
130	Influences of Biological and Self-Initiated Factors on Brain and Cognition in Adulthood and Aging. , 0, , 239-254.		2