

Laurel J Buxbaum

List of Publications by Year in descending order

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Version: 2024-02-01

83
papers

6,356
citations

81900

39
h-index

69250

77
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90
all docs

90
docs citations

90
times ranked

3213
citing authors

#	ARTICLE	IF	CITATIONS
1	Proprioception-based movement goals support imitation and are disrupted in apraxia. <i>Cortex</i> , 2022, 147, 140-156.	2.4	3
2	Single-case disconnectome lesion-symptom mapping: Identifying two subtypes of limb apraxia. <i>Neuropsychologia</i> , 2022, 170, 108210.	1.6	4
3	Aberrant activity in an intact residual muscle is associated with phantom limb pain in above-knee amputees. <i>Journal of Neurophysiology</i> , 2021, 125, 2135-2143.	1.8	0
4	Scene context shapes category representational geometry during processing of tools. <i>Cortex</i> , 2021, 141, 1-15.	2.4	5
5	Virtual Reality Treatment Displaying the Missing Leg Improves Phantom Limb Pain: A Small Clinical Trial. <i>Neurorehabilitation and Neural Repair</i> , 2021, 35, 1100-1111.	2.9	12
6	Structural Disconnection of the Tool Use Network after Left Hemisphere Stroke Predicts Limb Apraxia Severity. <i>Cerebral Cortex Communications</i> , 2020, 1, tgaa035.	1.6	19
7	Multimodal comprehension in left hemisphere stroke patients. <i>Cortex</i> , 2020, 133, 309-327.	2.4	8
8	Predictors of Arm Nonuse in Chronic Stroke: A Preliminary Investigation. <i>Neurorehabilitation and Neural Repair</i> , 2020, 34, 512-522.	2.9	25
9	Reduced competition between tool action neighbors in left hemisphere stroke. <i>Cortex</i> , 2019, 120, 269-283.	2.4	13
10	Gesturing tool use and tool transport actions modulates inferior parietal functional connectivity with the dorsal and ventral object processing pathways. <i>Human Brain Mapping</i> , 2019, 40, 2867-2883.	3.6	30
11	The role of conflict, feedback, and action comprehension in monitoring of action errors: Evidence for internal and external routes. <i>Cortex</i> , 2019, 115, 184-200.	2.4	8
12	Movement Imitation via an Abstract Trajectory Representation in Dorsal Premotor Cortex. <i>Journal of Neuroscience</i> , 2019, 39, 3320-3331.	3.6	24
13	Bilateral functional connectivity at rest predicts apraxic symptoms after left hemisphere stroke. <i>NeuroImage: Clinical</i> , 2019, 21, 101526.	2.7	21
14	Sensory and semantic activations evoked by action attributes of manipulable objects: Evidence from ERPs. <i>NeuroImage</i> , 2018, 167, 331-341.	4.2	12
15	Immersive Low-Cost Virtual Reality Treatment for Phantom Limb Pain: Evidence from Two Cases. <i>Frontiers in Neurology</i> , 2018, 9, 67.	2.4	57
16	Limb apraxia and the left parietal lobe. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2018, 151, 349-363.	1.8	59
17	Critical Motor Involvement in Prediction of Human and Non-biological Motion Trajectories. <i>Journal of the International Neuropsychological Society</i> , 2017, 23, 171-184.	1.8	17
18	Differential Tuning of Ventral and Dorsal Streams during the Generation of Common and Uncommon Tool Uses. <i>Journal of Cognitive Neuroscience</i> , 2017, 29, 1791-1802.	2.3	22

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19	Learning, remembering, and predicting how to use tools: Distributed neurocognitive mechanisms: Comment on Osieurak and Badets (2016).. <i>Psychological Review</i> , 2017, 124, 346-360.	3.8	67
20	Thematic knowledge, artifact concepts, and the left posterior temporal lobe: Where action and object semantics converge. <i>Cortex</i> , 2016, 82, 164-178.	2.4	55
21	A distributed network critical for selecting among tool-directed actions. <i>Cortex</i> , 2015, 65, 65-82.	2.4	81
22	Reply: Apraxia: a gestural or a cognitive disorder?. <i>Brain</i> , 2015, 138, e334-e334.	7.6	6
23	Shared and Distinct Neuroanatomic Regions Critical for Tool-related Action Production and Recognition: Evidence from 131 Left-hemisphere Stroke Patients. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 2491-2511.	2.3	73
24	The role of action representations in thematic object relations. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 140.	2.0	20
25	Uncovering the architecture of action semantics.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2014, 40, 1832-1848.	0.9	31
26	Visual context modulates potentiation of grasp types during semantic object categorization. <i>Psychonomic Bulletin and Review</i> , 2014, 21, 645-651.	2.8	42
27	Abnormal dynamics of activation of object use information in apraxia: Evidence from eyetracking. <i>Neuropsychologia</i> , 2014, 59, 13-26.	1.6	31
28	Critical brain regions for tool-related and imitative actions: a componential analysis. <i>Brain</i> , 2014, 137, 1971-1985.	7.6	199
29	Response interference between functional and structural object-related actions is increased in patients with ideomotor apraxia. <i>Journal of Neuropsychology</i> , 2013, 7, 12-18.	1.4	31
30	Two action systems in the human brain. <i>Brain and Language</i> , 2013, 127, 222-229.	1.6	309
31	Dissociations of action means and outcome processing in left-hemisphere stroke. <i>Neuropsychologia</i> , 2013, 51, 1224-1233.	1.6	22
32	Incidental and context-responsive activation of structure- and function-based action features during object identification.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2013, 39, 257-270.	0.9	56
33	Temporal dynamics of activation of thematic and functional knowledge during conceptual processing of manipulable artifacts.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2012, 38, 1274-1295.	0.9	62
34	Reliability and validity of the Virtual Reality Lateralized Attention Test in assessing hemispatial neglect in right-hemisphere stroke.. <i>Neuropsychology</i> , 2012, 26, 430-441.	1.3	68
35	A Combination of Thematic and Similarity-Based Semantic Processes Confers Resistance to Deficit Following Left Hemisphere Stroke. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 106.	2.0	29
36	Visuo-motor gain adaptation and generalization following left hemisphere stroke. <i>Neuroscience Letters</i> , 2011, 498, 222-226.	2.1	10

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37	Response interference between functional and structural actions linked to the same familiar object. <i>Cognition</i> , 2010, 115, 350-355.	2.2	97
38	Impaired access to manipulation features in Apraxia: Evidence from eyetracking and semantic judgment tasks. <i>Brain and Language</i> , 2010, 112, 101-112.	1.6	43
39	The impact of left hemisphere stroke on force control with familiar and novel objects: Neuroanatomic substrates and relationship to apraxia. <i>Brain Research</i> , 2010, 1317, 124-136.	2.2	23
40	Action knowledge, visuomotor activation, and embodiment in the two action systems. <i>Annals of the New York Academy of Sciences</i> , 2010, 1191, 201-218.	3.8	227
41	Critical brain regions for action recognition: lesion symptom mapping in left hemisphere stroke. <i>Brain</i> , 2010, 133, 3269-3280.	7.6	246
42	More than (where the target) meets the eyes: Disrupted visuomotor transformations in optic ataxia. <i>Neuropsychologia</i> , 2009, 47, 230-238.	1.6	13
43	Toward an integrated account of object and action selection: A computational analysis and empirical findings from reaching-to-grasp and tool-use. <i>Neuropsychologia</i> , 2009, 47, 671-683.	1.6	29
44	Assessment of spatial attention and neglect with a virtual wheelchair navigation task. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2008, 30, 650-660.	1.3	68
45	Treatment of Limb Apraxia. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2008, 87, 149-161.	1.4	89
46	Accurate Reaching after Active But Not Passive Movements of the Hand: Evidence for Forward Modeling. <i>Behavioural Neurology</i> , 2008, 19, 117-125.	2.1	26
47	Amantadine Treatment of Hemispatial Neglect. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2007, 86, 527-537.	1.4	26
48	Abnormal reliance on object structure in apraxics' learning of novel object-related actions. <i>Journal of the International Neuropsychological Society</i> , 2007, 13, 997-1008.	1.8	29
49	Left Inferior Parietal Representations for Skilled Hand-Object Interactions: Evidence from Stroke and Corticobasal Degeneration. <i>Cortex</i> , 2007, 43, 411-423.	2.4	200
50	The Coffee Challenge: A new method for the study of everyday action errors. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2007, 29, 690-705.	1.3	52
51	Deficits in Movement Planning and Intrinsic Coordinate Control in Ideomotor Apraxia. <i>Journal of Cognitive Neuroscience</i> , 2006, 18, 2063-2076.	2.3	48
52	Neural substrates of knowledge of hand postures for object grasping and functional object use: Evidence from fMRI. <i>Brain Research</i> , 2006, 1117, 175-185.	2.2	104
53	Illusory conjunctions in simultanagnosia: Coarse coding of visual feature location?. <i>Neuropsychologia</i> , 2006, 44, 1724-1736.	1.6	13
54	On the right (and left) track: Twenty years of progress in studying hemispatial neglect. <i>Cognitive Neuropsychology</i> , 2006, 23, 184-201.	1.1	27

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55	The alien hand syndrome: What makes the alien hand alien?. <i>Cognitive Neuropsychology</i> , 2006, 23, 563-582.	1.1	32
56	Cognitive Rehabilitation Interventions for Neglect and Related Disorders: Moving from Bench to Bedside in Stroke Patients. <i>Journal of Cognitive Neuroscience</i> , 2006, 18, 1223-1236.	2.3	122
57	Distinctions between manipulation and function knowledge of objects: evidence from functional magnetic resonance imaging. <i>Cognitive Brain Research</i> , 2005, 23, 361-373.	3.0	228
58	On beyond mirror neurons: Internal representations subserving imitation and recognition of skilled object-related actions in humans. <i>Cognitive Brain Research</i> , 2005, 25, 226-239.	3.0	283
59	Reduced endogenous control in alien hand syndrome: evidence from naturalistic action. <i>Neuropsychologia</i> , 2005, 43, 75-88.	1.6	38
60	Deficient internal models for planning hand-object interactions in apraxia. <i>Neuropsychologia</i> , 2005, 43, 917-929.	1.6	214
61	The planning-control model and spatio-motor deficits following brain damage. <i>Behavioral and Brain Sciences</i> , 2004, 27, .	0.7	2
62	Representations of the human body in the production and imitation of complex movements. <i>Cognitive Neuropsychology</i> , 2004, 21, 285-298.	1.1	91
63	Cognitive representations of hand posture in ideomotor apraxia. <i>Neuropsychologia</i> , 2003, 41, 1091-1113.	1.6	213
64	Action matters: The role of action plans and object affordances in selection for action. <i>Visual Cognition</i> , 2002, 9, 559-590.	1.6	97
65	The Naturalistic Action Test: A standardised assessment for everyday action impairment. <i>Neuropsychological Rehabilitation</i> , 2002, 12, 311-339.	1.6	189
66	Treatments of unilateral neglect: A review. <i>Archives of Physical Medicine and Rehabilitation</i> , 2002, 83, 256-268.	0.9	166
67	Knowledge of object manipulation and object function: dissociations in apraxic and nonapraxic subjects. <i>Brain and Language</i> , 2002, 82, 179-199.	1.6	334
68	Limitations of attentional orienting Effects of abrupt visual onsets and offsets on naming two objects in a patient with simultanagnosia. <i>Neuropsychologia</i> , 2002, 40, 1097-1103.	1.6	23
69	Naturalistic action impairments in dementia. <i>Neuropsychologia</i> , 2002, 40, 1220-1232.	1.6	134
70	Ideomotor Apraxia: a Call to Action. <i>Neurocase</i> , 2001, 7, 445-458.	0.6	314
71	Specialised structural descriptions for human body parts: Evidence from autotopagnosia. <i>Cognitive Neuropsychology</i> , 2001, 18, 289-306.	1.1	170
72	Compensatory coding of body part location in autotopagnosia: Evidence for extrinsic egocentric coding. <i>Cognitive Neuropsychology</i> , 2001, 18, 363-381.	1.1	72

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73	Hand-centered attentional and motor asymmetries in unilateral neglect. <i>Neuropsychologia</i> , 2001, 39, 653-664.	1.6	13
74	Ideomotor Apraxia: a Call to Action. <i>Neurocase</i> , 2001, 7, 445-458.	0.6	31
75	The Role of the Dynamic Body Schema in Praxis: Evidence from Primary Progressive Apraxia. <i>Brain and Cognition</i> , 2000, 44, 166-191.	1.8	159
76	SPATIO-MOTOR REPRESENTATIONS IN REACHING: EVIDENCE FOR SUBTYPES OF OPTIC ATAXIA. <i>Cognitive Neuropsychology</i> , 1998, 15, 279-312.	1.1	69
77	IDEATIONAL APRAXIA AND NATURALISTIC ACTION. <i>Cognitive Neuropsychology</i> , 1998, 15, 617-643.	1.1	139
78	The Role of Semantic Memory in Object Use. <i>Cognitive Neuropsychology</i> , 1997, 14, 219-254.	1.1	196
79	Subtypes of Optic Ataxia: Reframing the Disconnection Account. <i>Neurocase</i> , 1997, 3, 159-166.	0.6	8
80	Deep Dyslexic Phenomena in a Letter-by-Letter Reader. <i>Brain and Language</i> , 1996, 54, 136-167.	1.6	38
81	Mental rotation may underlie apparent object-based neglect. <i>Neuropsychologia</i> , 1996, 34, 113-126.	1.6	38
82	Neglect of chimeric figures: Two halves are better than a whole. <i>Neuropsychologia</i> , 1994, 32, 275-288.	1.6	34
83	Hemispatial factors in mirror writing. <i>Neuropsychologia</i> , 1993, 31, 1417-1421.	1.6	15