

Marc G Berman

List of Publications by Year in descending order

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Version: 2024-02-01

104
papers

9,841
citations

101543

36
h-index

39675

94
g-index

118
all docs

118
docs citations

118
times ranked

10556
citing authors

#	ARTICLE	IF	CITATIONS
1	Reply to Huth et al.: Cities are defined by their spatially aggregated socioeconomic networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	6
2	Effects of the physical and social environment on youth cognitive performance. <i>Developmental Psychobiology</i> , 2022, 64, e22258.	1.6	7
3	Simulated nature walks improve psychological well-being along a natural to urban continuum. <i>Journal of Environmental Psychology</i> , 2022, 81, 101779.	5.1	21
4	General and Specific Factors of Environmental Stress and their Associations with Brain Structure and Dimensions of Psychopathology. <i>Biological Psychiatry Global Open Science</i> , 2022, . .	2.2	1
5	P68. Atypical Network Properties During Rest and Task Performance in Youth With ADHD Symptoms: A Bifactor Model Approach. <i>Biological Psychiatry</i> , 2022, 91, S114-S115.	1.3	0
6	Mouse movements reflect personality traits and task attentiveness in online experiments. <i>Journal of Personality</i> , 2022, . .	3.2	3
7	Scale invariance in fNIRS as a measurement of cognitive load. <i>Cortex</i> , 2022, 154, 62-76.	2.4	10
8	Associations of polygenic risk for attention-deficit/hyperactivity disorder with general and specific dimensions of childhood psychological problems and facets of impulsivity. <i>Journal of Psychiatric Research</i> , 2022, 152, 187-193.	3.1	3
9	Association of gray matter volumes with general and specific dimensions of psychopathology in children. <i>Neuropsychopharmacology</i> , 2021, 46, 1333-1339.	5.4	28
10	An Environmental Neuroscience Perspective on the Benefits of Nature. <i>Nebraska Symposium on Motivation</i> , 2021, , 61-88.	0.9	4
11	Creatures of the state? Metropolitan counties compensated for state inaction in initial U.S. response to COVID-19 pandemic. <i>PLoS ONE</i> , 2021, 16, e0246249.	2.5	9
12	Neighborhood street activity and greenspace usage uniquely contribute to predicting crime. <i>Npj Urban Sustainability</i> , 2021, 1, .	8.0	13
13	Load-dependent relationships between frontal fNIRS activity and performance: A data-driven PLS approach. <i>NeuroImage</i> , 2021, 230, 117795.	4.2	29
14	The association between latent trauma and brain structure in children. <i>Translational Psychiatry</i> , 2021, 11, 240.	4.8	23
15	Introducing Point-of-Interest as an alternative to Area-of-Interest for fixation duration analysis. <i>PLoS ONE</i> , 2021, 16, e0250170.	2.5	7
16	Associations Between Dimensional Psychopathology and Brain Volume in Children. <i>Biological Psychiatry</i> , 2021, 89, S179.	1.3	0
17	Early pandemic COVID-19 case growth rates increase with city size. <i>Npj Urban Sustainability</i> , 2021, 1, .	8.0	21
18	Evidence and theory for lower rates of depression in larger US urban areas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	24

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19	Response to X. Journal of Environmental Psychology, 2021, , 101719.	5.1	0
20	The affective benefits of nature exposure: What's nature got to do with it?. Journal of Environmental Psychology, 2020, 72, 101498.	5.1	43
21	Direct and Indirect Associations of Widespread Individual Differences in Brain White Matter Microstructure With Executive Functioning and General and Specific Dimensions of Psychopathology in Children. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2020, , .	1.5	4
22	Experience selectively alters functional connectivity within a neural network to predict learned behavior in juvenile songbirds. NeuroImage, 2020, 222, 117218.	4.2	1
23	Visual features influence thought content in the absence of overt semantic information. Attention, Perception, and Psychophysics, 2020, 82, 3945-3956.	1.3	9
24	Overt attentional correlates of memorability of scene images and their relationships to scene semantics. Journal of Vision, 2020, 20, 2.	0.3	6
25	Distinguishing cognitive effort and working memory load using scale-invariance and alpha suppression in EEG. NeuroImage, 2020, 211, 116622.	4.2	36
26	Criterion validity and relationships between alternative hierarchical dimensional models of general and specific psychopathology.. Journal of Abnormal Psychology, 2020, 129, 677-688.	1.9	45
27	Measuring the visual pedestrian qualities of urban streets through crowdsourcing. Journal of Vision, 2020, 20, 929.	0.3	1
28	Measuring Cities with Software-Defined Sensors. Journal of Social Computing, 2020, 1, 14-27.	2.2	24
29	Correction to Moore et al. (2020).. Journal of Abnormal Psychology, 2020, 129, 759-759.	1.9	0
30	Nature and mental health: An ecosystem service perspective. Science Advances, 2019, 5, eaax0903.	10.3	899
31	A tablet-based task for assessing environmental preferences in children and adults. MethodsX, 2019, 6, 1901-1906.	1.6	0
32	Positive Effects of Nature on Cognitive Performance Across Multiple Experiments: Test Order but Not Affect Modulates the Cognitive Effects. Frontiers in Psychology, 2019, 10, 1413.	2.1	37
33	The gradual development of the preference for natural environments. Journal of Environmental Psychology, 2019, 65, 101328.	5.1	36
34	Walking Green: Developing an Evidence Base for Nature Prescriptions. International Journal of Environmental Research and Public Health, 2019, 16, 4338.	2.6	47
35	Visual cues to fertility are in the eye (movements) of the beholder. Hormones and Behavior, 2019, 115, 104562.	2.1	3
36	Understanding Nature and Its Cognitive Benefits. Current Directions in Psychological Science, 2019, 28, 496-502.	5.3	67

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37	The Aesthetic Preference for Nature Sounds Depends on Sound Object Recognition. <i>Cognitive Science</i> , 2019, 43, e12734.	1.7	22
38	The promise of environmental neuroscience. <i>Nature Human Behaviour</i> , 2019, 3, 414-417.	12.0	38
39	Interhemispheric functional connectivity in the zebra finch brain, absent the corpus callosum in normal ontogeny. <i>NeuroImage</i> , 2019, 195, 113-127.	4.2	7
40	Effects of methamphetamine on neural responses to visual stimuli. <i>Psychopharmacology</i> , 2019, 236, 1741-1748.	3.1	8
41	Psychological responses to natural patterns in architecture. <i>Journal of Environmental Psychology</i> , 2019, 62, 133-145.	5.1	78
42	Violence reduces attention to faces and draws attention to points of contact. <i>Scientific Reports</i> , 2019, 9, 17779.	3.3	6
43	Calculated avoidance: Math anxiety predicts math avoidance in effort-based decision-making. <i>Science Advances</i> , 2019, 5, eaay1062.	10.3	48
44	Brain connectivity tracks effects of chemotherapy separately from behavioral measures. <i>NeuroImage: Clinical</i> , 2019, 21, 101654.	2.7	18
45	Of cricket chirps and car horns: The effect of nature sounds on cognitive performance. <i>Psychonomic Bulletin and Review</i> , 2019, 26, 522-530.	2.8	53
46	Environmental neuroscience.. <i>American Psychologist</i> , 2019, 74, 1039-1052.	4.2	28
47	A thought in the park: The influence of naturalness and low-level visual features on expressed thoughts. <i>Cognition</i> , 2018, 174, 82-93.	2.2	38
48	Construct Validity of the Multi-Source Interference Task to Examine Attention in Heart Failure. <i>Nursing Research</i> , 2018, 67, 465-472.	1.7	7
49	Cognitive Strategies and Natural Environments Interact in Influencing Executive Function. <i>Frontiers in Psychology</i> , 2018, 9, 1248.	2.1	30
50	Brain Network Activity During Face Perception: The Impact of Perceptual Familiarity and Individual Differences in Childhood Experience. <i>Cerebral Cortex</i> , 2017, 27, 4326-4338.	2.9	13
51	Cognitive dysfunction and symptom burden in women treated for breast cancer: a prospective behavioral and fMRI analysis. <i>Brain Imaging and Behavior</i> , 2017, 11, 86-97.	2.1	58
52	Cultural and Developmental Influences on Overt Visual Attention to Videos. <i>Scientific Reports</i> , 2017, 7, 11264.	3.3	15
53	Randomized Crossover Study of the Natural Restorative Environment Intervention to Improve Attention and Mood in Heart Failure. <i>Journal of Cardiovascular Nursing</i> , 2017, 32, 464-479.	1.1	18
54	Third-person self-talk facilitates emotion regulation without engaging cognitive control: Converging evidence from ERP and fMRI. <i>Scientific Reports</i> , 2017, 7, 4519.	3.3	63

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55	Physiological dynamics of stress contagion. <i>Scientific Reports</i> , 2017, 7, 6168.	3.3	42
56	Image Feature Types and Their Predictions of Aesthetic Preference and Naturalness. <i>Frontiers in Psychology</i> , 2017, 8, 632.	2.1	35
57	Simple arithmetic: not so simple for highly math anxious individuals. <i>Social Cognitive and Affective Neuroscience</i> , 2017, 12, 1940-1949.	3.0	12
58	To search or to like: Mapping fixations to differentiate two forms of incidental scene memory. <i>Journal of Vision</i> , 2017, 17, 8.	0.3	10
59	The nature-disorder paradox: A perceptual study on how nature is disorderly yet aesthetically preferred.. <i>Journal of Experimental Psychology: General</i> , 2017, 146, 1126-1142.	2.1	23
60	Network-Level Structure-Function Relationships in Human Neocortex. <i>Cerebral Cortex</i> , 2016, 26, 3285-3296.	2.9	260
61	The order of disorder: Deconstructing visual disorder and its effect on rule-breaking.. <i>Journal of Experimental Psychology: General</i> , 2016, 145, 1713-1727.	2.1	52
62	The suppression of scale-free fMRI brain dynamics across three different sources of effort: aging, task novelty and task difficulty. <i>Scientific Reports</i> , 2016, 6, 30895.	3.3	64
63	Post-Traumatic Stress Constrains the Dynamic Repertoire of Neural Activity. <i>Journal of Neuroscience</i> , 2016, 36, 419-431.	3.6	42
64	Dynamic effects on elite and amateur performance.. <i>Sport, Exercise, and Performance Psychology</i> , 2016, 5, 308-323.	0.8	2
65	Observersâ€™ cognitive states modulate how visual inputs relate to gaze control.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2016, 42, 1429-1442.	0.9	18
66	Classifying mental states from eye movements during scene viewing.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2015, 41, 1502-1514.	0.9	40
67	Scale-free brain dynamics under physical and psychological distress: Pre-treatment effects in women diagnosed with breast cancer. <i>Human Brain Mapping</i> , 2015, 36, 1077-1092.	3.6	34
68	Is the preference of natural versus man-made scenes driven by bottom-up processing of the visual features of nature?. <i>Frontiers in Psychology</i> , 2015, 6, 471.	2.1	68
69	Editorial: Nature and the Environment: The Psychology of Its Benefits and Its Protection. <i>Frontiers in Psychology</i> , 2015, 6, 1804.	2.1	1
70	Neighborhood greenspace and health in a large urban center. <i>Scientific Reports</i> , 2015, 5, 11610.	3.3	300
71	Stable long-range interhemispheric coordination is supported by direct anatomical projections. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 6473-6478.	7.1	110
72	The Functional Connectivity Landscape of the Human Brain. <i>PLoS ONE</i> , 2014, 9, e1111007.	2.5	44

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73	The Perception of Naturalness Correlates with Low-Level Visual Features of Environmental Scenes. PLoS ONE, 2014, 9, e114572.	2.5	94
74	Pattern classification of fMRI data: Applications for analysis of spatially distributed cortical networks. NeuroImage, 2014, 96, 117-132.	4.2	23
75	Does resting-state connectivity reflect depressive rumination? A tale of two analyses. NeuroImage, 2014, 103, 267-279.	4.2	82
76	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
77	Pretreatment worry and neurocognitive responses in women with breast cancer.. Health Psychology, 2014, 33, 222-231.	1.6	62
78	Escaping the recent past: Which stimulus dimensions influence proactive interference?. Memory and Cognition, 2013, 41, 650-670.	1.6	15
79	An everyday activity as a treatment for depression: The benefits of expressive writing for people diagnosed with major depressive disorder. Journal of Affective Disorders, 2013, 150, 1148-1151.	4.1	61
80	Behavioral and neural correlates of delay of gratification 40 years later. Annals of Neurosciences, 2012, 19, 27-8.	1.7	13
81	Computational neuroergonomics. NeuroImage, 2012, 59, 109-116.	4.2	4
82	Interacting with nature improves cognition and affect for individuals with depression. Journal of Affective Disorders, 2012, 140, 300-305.	4.1	520
83	Ruminating on Rumination. Biological Psychiatry, 2011, 70, 310-311.	1.3	3
84	â€˜Willpowerâ€™ over the life span: decomposing self-regulation. Social Cognitive and Affective Neuroscience, 2011, 6, 252-256.	3.0	421
85	Neural and behavioral effects of interference resolution in depression and rumination. Cognitive, Affective and Behavioral Neuroscience, 2011, 11, 85-96.	2.0	92
86	Resolving semantic and proactive interference in memory over the short-term. Memory and Cognition, 2011, 39, 806-817.	1.6	23
87	Behavioral and neural correlates of delay of gratification 40 years later. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 14998-15003.	7.1	572
88	Depression, rumination and the default network. Social Cognitive and Affective Neuroscience, 2011, 6, 548-555.	3.0	445
89	Social rejection shares somatosensory representations with physical pain. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 6270-6275.	7.1	478
90	Evaluating functional localizers: The case of the FFA. NeuroImage, 2010, 50, 56-71.	4.2	89

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91	Directed Attention as a Common Resource for Executive Functioning and Self-Regulation. Perspectives on Psychological Science, 2010, 5, 43-57.	9.0	573
92	Prechemotherapy alterations in brain function in women with breast cancer. Journal of Clinical and Experimental Neuropsychology, 2010, 32, 324-331.	1.3	141
93	The Value of Brain Imaging in Psychological Research. Acta Psychologica Sinica, 2010, 42, 111-119.	0.7	4
94	CNTRICS Final Task Selection: Working Memory. Schizophrenia Bulletin, 2009, 35, 136-152.	4.3	113
95	Training attentional processes. Trends in Cognitive Sciences, 2009, 13, 191-192.	7.8	8
96	In search of decay in verbal short-term memory.. Journal of Experimental Psychology: Learning Memory and Cognition, 2009, 35, 317-333.	0.9	135
97	The Mind and Brain of Short-Term Memory. Annual Review of Psychology, 2008, 59, 193-224.	17.7	737
98	Neuroscientific Evidence About the Distinction Between Short- and Long-Term Memory. Current Directions in Psychological Science, 2008, 17, 102-106.	5.3	30
99	The Cognitive Benefits of Interacting With Nature. Psychological Science, 2008, 19, 1207-1212.	3.3	1,563
100	Neural mechanisms of proactive interference-resolution. NeuroImage, 2007, 38, 740-751.	4.2	136
101	What has Functional Neuroimaging told us about the Mind? So Many Examples, So Little Space. Cortex, 2006, 42, 414-417.	2.4	15
102	Studying mind and brain with fMRI. Social Cognitive and Affective Neuroscience, 2006, 1, 158-161.	3.0	30
103	Neighborhood Street Activity and Greenspace Usage Uniquely Contribute to Predicting Crime. SSRN Electronic Journal, 0, , .	0.4	0
104	Street design preference: an on-line survey. Journal of Urban Design, 0, , 1-24.	1.4	1