Florian Lange

List of Publications by Year
in descending order

77 papers	2,768 citations	236612 25 h-index	197535 49 g-index
80 all docs	80 docs citations	80 times ranked	2932 citing authors

#	Article	IF	Citations
1	A Multilab Preregistered Replication of the Ego-Depletion Effect. Perspectives on Psychological Science, 2016, 11, 546-573.	5.2	660
2	Measuring pro-environmental behavior: Review and recommendations. Journal of Environmental Psychology, 2019, 63, 92-100.	2.3	360
3	The Pro-Environmental Behavior Task: A laboratory measure of actual pro-environmental behavior. Journal of Environmental Psychology, 2018, 56, 46-54.	2.3	83
4	Event-related potentials and cognition in Parkinsonâ€™s disease: An integrative review. Neuroscience and Biobehavioral Reviews, 2016, 71, 691-714.	2.9	77
5	Sweet delusion. Glucose drinks fail to counteract ego depletion. Appetite, 2014, 75, 54-63.	1.8	73
6	A Multilab Replication of the Ego Depletion Effect. Social Psychological and Personality Science, 2021, 12, 14-24.	2.4	73
7	Age-related changes in neural recruitment for cognitive control. Brain and Cognition, 2014, 85, 209-219.	0.8	69
8	The Reliability of the Wisconsin Card Sorting Test in Clinical Practice. Assessment, 2021, 28, 248-263.	1.9	58
9	Wasting ways: Perceived distance to the recycling facilities predicts pro-environmental behavior. Resources, Conservation and Recycling, 2014, 92, 246-254.	5.3	55
10	Cognitive flexibility in neurological disorders: Cognitive components and event-related potentials. Neuroscience and Biobehavioral Reviews, 2017, 83, 496-507.	2.9	53
11	The case for impact-focused environmental psychology. Journal of Environmental Psychology, 2021, 74, 101559.	2.3	50
12	Electrophysiological indicators of surprise and entropy in dynamic task-switching environments. Frontiers in Human Neuroscience, 2013, 7, 300.	1.0	46
13	Executive dysfunction in Parkinsonâ€™s disease: A meta-analysis on the Wisconsin Card Sorting Test literature. Neuroscience and Biobehavioral Reviews, 2018, 93, 38-56.	2.9	43
14	P300 amplitude variations, prior probabilities, and likelihoods: A Bayesian ERP study. Cognitive, Affective and Behavioral Neuroscience, 2016, 16, 911-928.	1.0	42
15	Neural mechanisms underlying cognitive inflexibility in Parkinson's disease. Neuropsychologia, 2016, 93, 142-150.	0.7	37
16	Movement-related potentials in Parkinsonâ€™s disease. Clinical Neurophysiology, 2016, 127, 2509-2519.	0.7	35
17	Prior probabilities modulate cortical surprise responses: A study of event-related potentials. Brain and Cognition, 2016, 106, 78-89.	0.8	35
18	Decomposing card-sorting performance: Effects of working memory load and age-related changes.. Neuropsychology, 2016, 30, 579-590.	1.0	34

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19	Impaired set-shifting in amyotrophic lateral sclerosis: An event-related potential study of executive function.. Neuropsychology, 2016, 30, 120-134.	1.0	33
20	Having less, giving more? Two preregistered replications of the relationship between social class and prosocial behavior. Journal of Research in Personality, 2020, 84, 103902.	0.9	33
21	Dual routes to cortical orienting responses: Novelty detection and uncertainty reduction. Biological Psychology, 2015, 105, 66-71.	1.1	32
22	Meta-analytical and electrophysiological evidence for executive dysfunction in primary dystonia. Cortex, 2016, 82, 133-146.	1.1	32
23	Working for the future: parentally deprived Nigerian Children have enhanced working memory ability. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2021, 62, 280-288.	3.1	31
24	The Work for Environmental Protection Task: A consequential web-based procedure for studying pro-environmental behavior. Behavior Research Methods, 2022, 54, 133-145.	2.3	31
25	Cognitive flexibility and its electrophysiological correlates in Gilles de la Tourette syndrome. Developmental Cognitive Neuroscience, 2017, 27, 78-90.	1.9	29
26	Positive affect and pro-environmental behavior: A preregistered experiment. Journal of Economic Psychology, 2020, 80, 102291.	1.1	27
27	Offsetting behavioral costs with personal attitude: Identifying the psychological essence of an environmental attitude measure. Journal of Environmental Psychology, 2021, 75, 101619.	2.3	27
28	The motivationâ€“impact gap in pro-environmental clothing consumption. Nature Sustainability, 2022, 5, 665-668.	11.5	27
29	Cognitive Flexibility in Primary Dystonia. Journal of the International Neuropsychological Society, 2016, 22, 662-670.	1.2	26
30	Behavioral paradigms for studying pro-environmental behavior: A systematic review. Behavior Research Methods, 2023, 55, 600-622.	2.3	26
31	Cognitive caching promotes flexibility in task switching: evidence from event-related potentials. Scientific Reports, 2015, 5, 17502.	1.6	24
32	Current desires of conspecific observers affect cache-protection strategies in California scrub-jays and Eurasian jays. Current Biology, 2017, 27, R51-R53.	1.8	24
33	A Meta-Analysis of Relationships between Measures of Wisconsin Card Sorting and Intelligence. Brain Sciences, 2019, 9, 349.	1.1	24
34	Dopaminergic modulation of performance monitoring in Parkinsonâ€™s disease: An event-related potential study. Scientific Reports, 2017, 7, 41222.	1.6	21
35	Subscales of the Barratt Impulsiveness Scale differentially relate to the Big Five factors of personality. Scandinavian Journal of Psychology, 2017, 58, 254-259.	0.8	18
36	Alexithymia Is Associated with Reduced Quality of Life and Increased Caregiver Burden in Parkinsonâ€™s Disease. Brain Sciences, 2020, 10, 401.	1.1	18

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37	Executive Dysfunctions and Event-Related Brain Potentials in Patients with Amyotrophic Lateral Sclerosis. Frontiers in Aging Neuroscience, 2015, 7, 225.	1.7	17
38	Validating the Parkinsonâ€™s disease caregiver burden questionnaire (PDCB) in German caregivers of advanced Parkinsonâ€™s disease patients. International Psychogeriatrics, 2019, 31, 1791-1800.	0.6	17
39	Green when seen? No support for an effect of observability on environmental conservation in the laboratory: a registered report. Royal Society Open Science, 2020, 7, 190189.	1.1	17
40	Neural correlates of cognitive set shifting in amyotrophic lateral sclerosis. Clinical Neurophysiology, 2016, 127, 3537-3545.	0.7	16
41	Mindfulness and Psychological Flexibility are Inversely Associated with Caregiver Burden in Parkinsonâ€™s Disease. Brain Sciences, 2020, 10, 111.	1.1	16
42	Caregiver burden and health-related quality of life in idiopathic dystonia patients under botulinum toxin treatment: a cross-sectional study. Journal of Neural Transmission, 2020, 127, 61-70.	1.4	14
43	Parallel model-based and model-free reinforcement learning for card sorting performance. Scientific Reports, 2020, 10, 15464.	1.6	14
44	Effects of rule uncertainty on cognitive flexibility in a card-sorting paradigm. Acta Psychologica, 2018, 190, 53-64.	0.7	13
45	Test-retest reliability and construct validity of the Pro-Environmental Behavior Task. Journal of Environmental Psychology, 2021, 73, 101550.	2.3	13
46	Mapping selfâ€reported to behavioral impulsiveness: The role of task parameters. Scandinavian Journal of Psychology, 2015, 56, 115-123.	0.8	12
47	The Wisconsin Card Sorting Test: Split-Half Reliability Estimates for a Self-Administered Computerized Variant. Brain Sciences, 2021, 11, 529.	1.1	12
48	The dark side of stimulus controlâ€”Associations between contradictory stimulus configurations and pedestriansâ€™ and cyclistsâ€™ illegal street crossing behavior. Accident Analysis and Prevention, 2011, 43, 2166-2172.	3.0	11
49	Toward a computational cognitive neuropsychology of Wisconsin card sorts: a showcase study in Parkinsonâ€™s disease. Computational Brain & Behavior, 2018, 1, 137-150.	0.9	11
50	Multiple Levels of Control Processes for Wisconsin Card Sorts: An Observational Study. Brain Sciences, 2019, 9, 141.	1.1	11
51	The role of consumer knowledge in reducing the demand for palm oil. Environmental Conservation, 2020, 47, 84-88.	0.7	11
52	Cognition and action: a latent variable approach to study contributions of executive functions to motor control in older adults. Aging, 2021, 13, 15942-15963.	1.4	11
53	Risky decision making and cognitive flexibility among online sports bettors in Nigeria. International Journal of Psychology, 2020, 55, 995-1002.	1.7	10
54	If ego depletion cannot be studied using identical tasks, it is not ego depletion. Appetite, 2015, 84, 325-327.	1.8	9

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55	Road crossing behavior under traffic light conflict: Modulating effects of green light duration and signal congruency. Accident Analysis and Prevention, 2016, 95, 292-298.	3.0	9
56	Computational Modeling for Neuropsychological Assessment of Bradyphrenia in Parkinsonâ€™s Disease. Journal of Clinical Medicine, 2020, 9, 1158.	1.0	9
57	Reducing Plastic Bag Use Through Prosocial Incentives. Sustainability, 2021, 13, 2421.	1.6	9
58	Are Difficult-To-Study Populations too Difficult to Study in a Reliable Way?. European Psychologist, 2020, 25, 41-50.	1.8	9
59	Promoting healthy drink choices at school by means of assortment changes and traffic light coding: A field study. Food Quality and Preference, 2019, 71, 415-421.	2.3	8
60	Validating the Pro-Environmental Behavior Task in a Japanese Sample. Sustainability, 2020, 12, 9534.	1.6	8
61	Mixed evidence for the effect of virtual nature exposure on effortful pro-environmental behavior. Journal of Environmental Psychology, 2022, 81, 101803.	2.3	8
62	Attenuated error-related potentials in amyotrophic lateral sclerosis with executive dysfunctions. Clinical Neurophysiology, 2017, 128, 1496-1503.	0.7	7
63	Stimulus- and response-based interference contributes to the costs of switching between cognitive tasks. Psychological Research, 2020, 84, 1112-1125.	1.0	7
64	Does beautiful nature motivate to work? Outlining an alternative pathway to nature-induced cognitive performance benefits. New Ideas in Psychology, 2022, 66, 100946.	1.2	7
65	A Computational Study of Executive Dysfunction in Amyotrophic Lateral Sclerosis. Journal of Clinical Medicine, 2020, 9, 2605.	1.0	6
66	Dopaminergic modulation of novelty repetition in Parkinsonâ€™s disease: A study of P3 event-related brain potentials. Clinical Neurophysiology, 2020, 131, 2841-2850.	0.7	6
67	Probabilistic Inference: Task Dependency and Individual Differences of Probability Weighting Revealed by Hierarchical Bayesian Modeling. Frontiers in Psychology, 2016, 7, 755.	1.1	5
68	Potential Contributions of Behavior Analysis to Research on Pro-environmental Behavior. Frontiers in Psychology, 2022, 13, .	1.1	5
69	Sugar levels relate to aggression in couples without supporting the glucose model of self-control. Frontiers in Psychology, 2014, 5, 572.	1.1	4
70	Selective Cooperation in the Supermarket. Human Nature, 2015, 26, 392-400.	0.8	4
71	Neural correlates of performance monitoring in adult patients with Gilles de la Tourette syndrome: A study of event-related potentials. Clinical Neurophysiology, 2020, 131, 597-608.	0.7	4
72	Evaluating the Effect of Framing Energy Consumption in Terms of Losses versus Gains on Air-Conditioner Use: A Field Experiment in a Student Dormitory in Japan. Sustainability, 2021, 13, 4380.	1.6	4

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73	Promoting pro-environmental gardening practices: Field experimental evidence for the effectiveness of biospheric appeals. Urban Forestry and Urban Greening, 2022, 70, 127544.	2.3	3
74	Changing Pro-Environmental Behavior: Evidence from (Un)Successful Intervention Studies. Sustainability, 2021, 13, 7748.	1.6	2
75	Perseverative Responding in Nigerian Chronic Alcohol and Marijuana Users. Substance Use and Misuse, 2020, 55, 1199-1202.	0.7	1
76	Flanker Task Performance in Isolated Dystonia (Blepharospasm): A Focus on Sequential Effects. Brain Sciences, 2020, 10, 76.	1.1	0
77	On the habitual nature of environmentally relevant behavior: Evidence from a consequential dilemma task. Current Research in Ecological and Social Psychology, 2022, 3, 100035.	0.9	0