Zeb Kurth-Nelson

List of Publications by Year
in descending order

25 papers	3,528 citations	430754 18 h-index	580701 25 g-index
27 all docs	27 docs citations	27 times ranked	3406 citing authors

#	Article	IF	Citations
1	Investigating associations of delay discounting with brain structure, working memory, and episodic memory. Cerebral Cortex, 2023, 33, 1669-1678.	1.6	3
2	Replay bursts in humans coincide with activation of the default mode and parietal alpha networks. Neuron, 2021, 109, 882-893.e7.	3.8	92
3	Overcoming Pavlovian bias in semantic space. Scientific Reports, 2021, 11, 3416.	1.6	6
4	Deep Reinforcement Learning and Its Neuroscientific Implications. Neuron, 2020, 107, 603-616.	3.8	102
5	Social training reconfigures prediction errors to shape Self-Other boundaries. Nature Communications, 2020, 11, 3030.	5.8	5
6	A distributional code for value in dopamine-based reinforcement learning. Nature, 2020, 577, 671-675.	13.7	262
7	Human Replay Spontaneously Reorganizes Experience. Cell, 2019, 178, 640-652.e14.	13.5	287
8	Reinforcement Learning, Fast and Slow. Trends in Cognitive Sciences, 2019, 23, 408-422.	4.0	364
9	What Is a Cognitive Map? Organizing Knowledge for Flexible Behavior. Neuron, 2018, 100, 490-509.	3.8	580
10	Agent-specific learning signals for selfâ€“other distinction during mentalising. PLoS Biology, 2018, 16, e2004752.	2.6	8
11	Prefrontal cortex as a meta-reinforcement learning system. Nature Neuroscience, 2018, 21, 860-868.	7.1	378
12	Moral transgressions corrupt neural representations of value. Nature Neuroscience, 2017, 20, 879-885.	7.1	108
13	Local striatal reward signals can be predicted from corticostriatal connectivity. NeuroImage, 2017, 159, 9-17.	2.1	15
14	Fast Sequences of Non-spatial State Representations in Humans. Neuron, 2016, 91, 194-204.	3.8	148
15	Social redistribution of pain and money. Scientific Reports, 2015, 5, 15389.	1.6	17
16	Model-Based Reasoning in Humans Becomes Automatic with Training. PLoS Computational Biology, 2015, 11, e1004463.	1.5	65
17	Learning-Induced Plasticity in Medial Prefrontal Cortex Predicts Preference Malleability. Neuron, 2015, 85, 418-428.	3.8	87
18	Dissociable Effects of Serotonin and Dopamine on the Valuation of Harm in Moral Decision Making. Current Biology, 2015, 25, 1852-1859.	1.8	119

#	Article	IF	Citations
19	Dopamine Regulates Approach-Avoidance in Human Sensation-Seeking. International Journal of Neuropsychopharmacology, 2015, 18, pyv041.	1.0	19
20	Harm to others outweighs harm to self in moral decision making. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 17320-17325.	3.3	224
21	Competition strength influences individual preferences in an auction game. Cognition, 2014, 133, 480-487.	1.1	3
22	Information Processing in Decision-Making Systems. Neuroscientist, 2012, 18, 342-359.	2.6	137
23	A theoretical account of cognitive effects in delay discounting. European Journal of Neuroscience, 2012, 35, 1052-1064.	1.2	79
24	Single- and cross-commodity discounting among cocaine addicts: the commodity and its temporal location determine discounting rate. Psychopharmacology, 2011, 217, 177-187.	1.5	101
25	Reconciling reinforcement learning models with behavioral extinction and renewal: Implications for addiction, relapse, and problem gambling.. Psychological Review, 2007, 114, 784-805.	2.7	318