

Ariel Zylberberg

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3627412/publications.pdf>

Version: 2024-02-01

24
papers

1,564
citations

471509

17
h-index

642732

23
g-index

38
all docs

38
docs citations

38
times ranked

1219
citing authors

#	ARTICLE	IF	CITATIONS
1	The construction of confidence in a perceptual decision. <i>Frontiers in Integrative Neuroscience</i> , 2012, 6, 79.	2.1	207
2	A common mechanism underlies changes of mind about decisions and confidence. <i>ELife</i> , 2016, 5, e12192.	6.0	172
3	Individual consistency in the accuracy and distribution of confidence judgments. <i>Cognition</i> , 2016, 146, 377-386.	2.2	115
4	The Brain's Router: A Cortical Network Model of Serial Processing in the Primate Brain. <i>PLoS Computational Biology</i> , 2010, 6, e1000765.	3.2	113
5	The human Turing machine: a neural framework for mental programs. <i>Trends in Cognitive Sciences</i> , 2011, 15, 293-300.	7.8	113
6	The influence of evidence volatility on choice, reaction time and confidence in a perceptual decision. <i>ELife</i> , 2016, 5, .	6.0	106
7	Confidence Is the Bridge between Multi-stage Decisions. <i>Current Biology</i> , 2016, 26, 3157-3168.	3.9	93
8	The Confidence Database. <i>Nature Human Behaviour</i> , 2020, 4, 317-325.	12.0	84
9	Variance misperception explains illusions of confidence in simple perceptual decisions. <i>Consciousness and Cognition</i> , 2014, 27, 246-253.	1.5	82
10	The hippocampus supports deliberation during value-based decisions. <i>ELife</i> , 2019, 8, .	6.0	82
11	Differentiating between integration and non-integration strategies in perceptual decision making. <i>ELife</i> , 2020, 9, .	6.0	58
12	Counterfactual Reasoning Underlies the Learning of Priors in Decision Making. <i>Neuron</i> , 2018, 99, 1083-1097.e6.	8.1	41
13	Decision Making during the Psychological Refractory Period. <i>Current Biology</i> , 2012, 22, 1795-1799.	3.9	39
14	The Formation of Hierarchical Decisions in the Visual Cortex. <i>Neuron</i> , 2015, 87, 1344-1356.	8.1	37
15	Neurophysiological bases of exponential sensory decay and top-down memory retrieval: a model. <i>Frontiers in Computational Neuroscience</i> , 2009, 3, 4.	2.1	34
16	Pupil Dilation: A Fingerprint of Temporal Selection During the "Attentional Blink". <i>Frontiers in Psychology</i> , 2012, 3, 316.	2.1	27
17	Comment on "Single-trial spike trains in parietal cortex reveal discrete steps during decision-making". <i>Science</i> , 2016, 351, 1406-1406.	12.6	26
18	Multiple decisions about one object involve parallel sensory acquisition but time-multiplexed evidence incorporation. <i>ELife</i> , 2021, 10, .	6.0	26

#	ARTICLE	IF	CITATIONS
19	Confidence through consensus: a neural mechanism for uncertainty monitoring. Scientific Reports, 2016, 6, 21830.	3.3	16
20	Consensus Goals in the Field of Visual Metacognition. Perspectives on Psychological Science, 2022, 17, 1746-1765.	9.0	15
21	Sequential sampling from memory underlies action selection during abstract decision-making. Current Biology, 2022, 32, 1949-1960.e5.	3.9	12
22	Serial, parallel and hierarchical decision making in primates. ELife, 2017, 6, .	6.0	8
23	Decision prioritization and causal reasoning in decision hierarchies. PLoS Computational Biology, 2021, 17, e1009688.	3.2	5
24	When order matters: Last-come first-served effect in sequential arithmetic operations. Journal of Integrative Neuroscience, 2012, 11, 385-399.	1.7	0