

# Dobromir Rahnev

## List of Publications by Year in descending order

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Version: 2024-02-01

59  
papers

2,419  
citations

361296

20  
h-index

254106

43  
g-index

84  
all docs

84  
docs citations

84  
times ranked

2083  
citing authors

#	ARTICLE	IF	CITATIONS
1	Attention Reverses the Effect of Prediction in Silencing Sensory Signals. <i>Cerebral Cortex</i> , 2012, 22, 2197-2206.	1.6	341
2	Prestimulus Oscillatory Activity over Motor Cortex Reflects Perceptual Expectations. <i>Journal of Neuroscience</i> , 2013, 33, 1400-1410.	1.7	226
3	Suboptimality in perceptual decision making. <i>Behavioral and Brain Sciences</i> , 2018, 41, e223.	0.4	192
4	Attention induces conservative subjective biases in visual perception. <i>Nature Neuroscience</i> , 2011, 14, 1513-1515.	7.1	168
5	Causal evidence for frontal cortex organization for perceptual decision making. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 6059-6064.	3.3	145
6	Confidence Leak in Perceptual Decision Making. <i>Psychological Science</i> , 2015, 26, 1664-1680.	1.8	119
7	Prior Expectation Modulates the Interaction between Sensory and Prefrontal Regions in the Human Brain. <i>Journal of Neuroscience</i> , 2011, 31, 10741-10748.	1.7	113
8	Direct injection of noise to the visual cortex decreases accuracy but increases decision confidence. <i>Journal of Neurophysiology</i> , 2012, 107, 1556-1563.	0.9	104
9	Distinguishing the Roles of Dorsolateral and Anterior PFC in Visual Metacognition. <i>Journal of Neuroscience</i> , 2018, 38, 5078-5087.	1.7	100
10	Using Conjoint Analysis to Detect Discrimination: Revealing Covert Preferences From Overt Choices. <i>Social Cognition</i> , 2009, 27, 128-137.	0.5	97
11	The Confidence Database. <i>Nature Human Behaviour</i> , 2020, 4, 317-325.	6.2	84
12	Stimulus expectation alters decision criterion but not sensory signal in perceptual decision making. <i>Scientific Reports</i> , 2017, 7, 17072.	1.6	66
13	Continuous theta burst transcranial magnetic stimulation reduces resting state connectivity between visual areas. <i>Journal of Neurophysiology</i> , 2013, 110, 1811-1821.	0.9	58
14	Opportunities and challenges for a maturing science of consciousness. <i>Nature Human Behaviour</i> , 2019, 3, 104-107.	6.2	58
15	Sources of Metacognitive Inefficiency. <i>Trends in Cognitive Sciences</i> , 2021, 25, 12-23.	4.0	52
16	Sensory noise increases metacognitive efficiency.. <i>Journal of Experimental Psychology: General</i> , 2019, 148, 437-452.	1.5	51
17	The nature of metacognitive inefficiency in perceptual decision making.. <i>Psychological Review</i> , 2021, 128, 45-70.	2.7	46
18	Prestimulus hemodynamic activity in dorsal attention network is negatively associated with decision confidence in visual perception. <i>Journal of Neurophysiology</i> , 2012, 108, 1529-1536.	0.9	38

#	ARTICLE	IF	CITATIONS
19	Low attention impairs optimal incorporation of prior knowledge in perceptual decisions. <i>Attention, Perception, and Psychophysics</i> , 2015, 77, 2021-2036.	0.7	29
20	How experimental procedures influence estimates of metacognitive ability. <i>Neuroscience of Consciousness</i> , 2019, 2019, niz009.	1.4	23
21	An Informal Internet Survey on the Current State of Consciousness Science. <i>Frontiers in Psychology</i> , 2018, 9, 2134.	1.1	22
22	The suboptimality of perceptual decision making with multiple alternatives. <i>Nature Communications</i> , 2020, 11, 3857.	5.8	19
23	Subliminal stimuli in the near absence of attention influence top-down cognitive control. <i>Attention, Perception, and Psychophysics</i> , 2012, 74, 521-532.	0.7	17
24	Feature-Specific Awake Reactivation in Human V1 after Visual Training. <i>Journal of Neuroscience</i> , 2018, 38, 9648-9657.	1.7	17
25	Overlapping and unique neural circuits are activated during perceptual decision making and confidence. <i>Scientific Reports</i> , 2020, 10, 20761.	1.6	16
26	The Impact of Feedback on Perceptual Decision-Making and Metacognition: Reduction in Bias but No Change in Sensitivity. <i>Psychological Science</i> , 2022, 33, 259-275.	1.8	15
27	Visual metacognition: Measures, models, and neural correlates.. <i>American Psychologist</i> , 2021, 76, 1445-1453.	3.8	15
28	Consensus Goals in the Field of Visual Metacognition. <i>Perspectives on Psychological Science</i> , 2022, 17, 1746-1765.	5.2	15
29	Top-Down Control of Perceptual Decision Making by the Prefrontal Cortex. <i>Current Directions in Psychological Science</i> , 2017, 26, 464-469.	2.8	14
30	Post-training TMS abolishes performance improvement and releases future learning from interference. <i>Communications Biology</i> , 2019, 2, 320.	2.0	14
31	Qualitative speed-accuracy tradeoff effects that cannot be explained by the diffusion model under the selective influence assumption. <i>Scientific Reports</i> , 2021, 11, 45.	1.6	11
32	Transcranial magnetic stimulation alters multivoxel patterns in the absence of overall activity changes. <i>Human Brain Mapping</i> , 2021, 42, 3804-3820.	1.9	10
33	Examining the robustness of the relationship between metacognitive efficiency and metacognitive bias. <i>Consciousness and Cognition</i> , 2021, 95, 103196.	0.8	10
34	Resolving Age-Related Differences in Working Memory: Equating Perception and Attention Makes Older Adults Remember as Well as Younger Adults. <i>Experimental Aging Research</i> , 2019, 45, 120-134.	0.6	9
35	Predictive cues reduce but do not eliminate intrinsic response bias. <i>Cognition</i> , 2019, 192, 104004.	1.1	5
36	Response Bias Reflects Individual Differences in Sensory Encoding. <i>Psychological Science</i> , 2021, 32, 1157-1168.	1.8	5

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37	Confidence in the Real World. Trends in Cognitive Sciences, 2020, 24, 590-591.	4.0	5
38	A robust confidence-accuracy dissociation via criterion attraction. Neuroscience of Consciousness, 2021, 2021, niab039.	1.4	4
39	Across-subject correlation between confidence and accuracy: A meta-analysis of the Confidence Database. Psychonomic Bulletin and Review, 2022, 29, 1405-1413.	1.4	4
40	Entrainment of Neural Activity Using Transcranial Magnetic Stimulation. Journal of Neuroscience, 2013, 33, 11325-11326.	1.7	3
41	Behavior is sensible but not globally optimal: Seeking common ground in the optimality debate. Behavioral and Brain Sciences, 2018, 41, e251.	0.4	3
42	The Bayesian brain: What is it and do humans have it?. Behavioral and Brain Sciences, 2019, 42, e238.	0.4	3
43	Probabilistic model of onset detection explains previous puzzling findings in human time perception. Frontiers in Psychology, 2010, 1, 37.	1.1	2
44	Awake suppression after brief exposure to a familiar stimulus. Communications Biology, 2021, 4, 348.	2.0	2
45	Criterion attraction in an external-noise paradigm. Journal of Vision, 2021, 21, 2583.	0.1	1
46	Trial-by-trial feedback does not improve performance or metacognition in a large-sample perceptual task. Journal of Vision, 2019, 19, 27.	0.1	1
47	Using model comparisons to reveal the mechanisms of confidence generation. Journal of Vision, 2021, 21, 2300.	0.1	0
48	Brain connectivity profiles associated with perceptual task performance. Journal of Vision, 2021, 21, 2167.	0.1	0
49	Evidence for awake replay in human visual cortex after training. Journal of Vision, 2017, 17, 35.	0.1	0
50	Post-cuing falsifies drift diffusion and signal detection theory. Journal of Vision, 2017, 17, 728.	0.1	0
51	Decision-stage representation: Full distribution over possible choices or information about the most likely choice only?. Journal of Vision, 2018, 18, 663.	0.1	0
52	Distinguishing the roles of dorsolateral and anterior PFC in visual metacognition. Journal of Vision, 2018, 18, 665.	0.1	0
53	The influence of low-level stimulus characteristics on metacognitive efficiency. Journal of Vision, 2018, 18, 1048.	0.1	0
54	Understanding the accuracy-RT relationship: Model-free approaches and limitations of the drift diffusion model. Journal of Vision, 2018, 18, 662.	0.1	0

#	ARTICLE	IF	CITATIONS
55	The nature of metacognitive imperfection in perceptual decision making. <i>Journal of Vision</i> , 2019, 19, 144.	0.1	0
56	Mixing different contrasts inflates estimated metacognitive ability in perceptual decision making. <i>Journal of Vision</i> , 2019, 19, 143d.	0.1	0
57	Speed-accuracy tradeoff heightens serial dependence. <i>Journal of Vision</i> , 2019, 19, 289c.	0.1	0
58	Overlapping and unique neural circuits support perceptual decision making and confidence. <i>Journal of Vision</i> , 2019, 19, 143c.	0.1	0
59	Resource-rational analysis versus resource-rational humans. <i>Behavioral and Brain Sciences</i> , 2020, 43, e19.	0.4	0