

# Jean-Claude Dreher

## List of Publications by Year in descending order

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Version: 2024-02-01

56  
papers

4,884  
citations

136950

32  
h-index

189892

50  
g-index

60  
all docs

60  
docs citations

60  
times ranked

6509  
citing authors

#	ARTICLE	IF	CITATIONS
1	Processing of primary and secondary rewards: A quantitative meta-analysis and review of human functional neuroimaging studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 681-696.	6.1	594
2	Menstrual cycle phase modulates reward-related neural function in women. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 2465-2470.	7.1	474
3	Separate Valuation Subsystems for Delay and Effort Decision Costs. <i>Journal of Neuroscience</i> , 2010, 30, 14080-14090.	3.6	405
4	Variation in dopamine genes influences responsivity of the human reward system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 617-622.	7.1	338
5	The Architecture of Reward Value Coding in the Human Orbitofrontal Cortex. <i>Journal of Neuroscience</i> , 2010, 30, 13095-13104.	3.6	277
6	Age-related changes in midbrain dopaminergic regulation of the human reward system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 15106-15111.	7.1	191
7	Neural Coding of Distinct Statistical Properties of Reward Information in Humans. <i>Cerebral Cortex</i> , 2006, 16, 561-573.	2.9	171
8	Fractionating the neural substrate of cognitive control processes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 14595-14600.	7.1	159
9	The Roles of Timing and Task Order during Task Switching. <i>NeuroImage</i> , 2002, 17, 95-109.	4.2	147
10	Dissociating the Roles of the Rostral Anterior Cingulate and the Lateral Prefrontal Cortices in Performing Two Tasks Simultaneously or Successively. <i>Cerebral Cortex</i> , 2003, 13, 329-339.	2.9	141
11	The roles of the cerebellum and basal ganglia in timing and error prediction. <i>European Journal of Neuroscience</i> , 2002, 16, 1609-1619.	2.6	137
12	Imbalance in the sensitivity to different types of rewards in pathological gambling. <i>Brain</i> , 2013, 136, 2527-2538.	7.6	129
13	Testosterone causes both prosocial and antisocial status-enhancing behaviors in human males. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 11633-11638.	7.1	127
14	Cerebral Correlates of Salient Prediction Error for Different Rewards and Punishments. <i>Cerebral Cortex</i> , 2013, 23, 477-487.	2.9	111
15	Decision Threshold Modulation in the Human Brain. <i>Journal of Neuroscience</i> , 2010, 30, 14305-14317.	3.6	97
16	Damage to the Fronto-Polar Cortex Is Associated with Impaired Multitasking. <i>PLoS ONE</i> , 2008, 3, e3227.	2.5	93
17	An Integrative Interdisciplinary Perspective on Social Dominance Hierarchies. <i>Trends in Cognitive Sciences</i> , 2017, 21, 893-908.	7.8	84
18	Silence Is Golden: Transient Neural Deactivation in the Prefrontal Cortex during Attentive Reading. <i>Cerebral Cortex</i> , 2008, 18, 443-450.	2.9	80

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19	An integrative theory of the phasic and tonic modes of dopamine modulation in the prefrontal cortex. <i>Neural Networks</i> , 2002, 15, 583-602.	5.9	77
20	Dynamical Representation of Dominance Relationships in the Human Rostromedial Prefrontal Cortex. <i>Current Biology</i> , 2016, 26, 3107-3115.	3.9	71
21	A common currency for the computation of motivational values in the human striatum. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 467-473.	3.0	69
22	Additive Gene-Environment Effects on Hippocampal Structure in Healthy Humans. <i>Journal of Neuroscience</i> , 2014, 34, 9917-9926.	3.6	59
23	The Hippocampus Codes the Uncertainty of Cue-Outcome Associations: An Intracranial Electrophysiological Study in Humans. <i>Journal of Neuroscience</i> , 2009, 29, 5287-5294.	3.6	58
24	Hormonal and Genetic Influences on Processing Reward and Social Information. <i>Annals of the New York Academy of Sciences</i> , 2007, 1118, 43-73.	3.8	57
25	Long-lasting effects of performance-contingent unconscious and conscious reward incentives during cued task-switching. <i>Cortex</i> , 2013, 49, 1943-1954.	2.4	56
26	Shifted risk preferences in pathological gambling. <i>Psychological Medicine</i> , 2013, 43, 1059-1068.	4.5	56
27	The neural dynamics of reward value and risk coding in the human orbitofrontal cortex. <i>Brain</i> , 2016, 139, 1295-1309.	7.6	50
28	The medial orbitofrontal cortex encodes a general unsigned value signal during anticipation of both appetitive and aversive events. <i>Cortex</i> , 2015, 63, 42-54.	2.4	48
29	Hormone therapy at early post-menopause increases cognitive control-related prefrontal activity. <i>Scientific Reports</i> , 2017, 7, 44917.	3.3	47
30	Local Morphology Predicts Functional Organization of Experienced Value Signals in the Human Orbitofrontal Cortex. <i>Journal of Neuroscience</i> , 2015, 35, 1648-1658.	3.6	44
31	A Model of Prefrontal Cortex Dopaminergic Modulation during the Delayed Alternation Task. <i>Journal of Cognitive Neuroscience</i> , 2002, 14, 853-865.	2.3	41
32	Temporal order and spatial memory in schizophrenia: a parametric study. <i>Schizophrenia Research</i> , 2001, 51, 137-147.	2.0	36
33	Planning dysfunction in schizophrenia: impairment of potentials preceding fixed/free and single/sequence of self-initiated finger movements. <i>Experimental Brain Research</i> , 1999, 124, 200-214.	1.5	35
34	A causal role for right temporo-parietal junction in signaling moral conflict. <i>ELife</i> , 2018, 7, .	6.0	35
35	Sensitivity of the brain to loss aversion during risky gambles. <i>Trends in Cognitive Sciences</i> , 2007, 11, 270-272.	7.8	32
36	Hormonal treatment increases the response of the reward system at the menopause transition: A counterbalanced randomized placebo-controlled fMRI study. <i>Psychoneuroendocrinology</i> , 2014, 50, 167-180.	2.7	32

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37	Common and Differential Pathophysiological Features Accompany Comparable Cognitive Impairments in Medication-Free Patients with Schizophrenia and in Healthy Aging Subjects. <i>Biological Psychiatry</i> , 2012, 71, 890-897.	1.3	29
38	Neural coding of computational factors affecting decision making. <i>Progress in Brain Research</i> , 2013, 202, 289-320.	1.4	26
39	Chapter 4 Space-time, order, and hierarchy in fronto-hippocampal system: A neural basis of personality. <i>Advances in Psychology</i> , 1997, 124, 123-189.	0.1	24
40	Social brains and divides: the interplay between social dominance orientation and the neural sensitivity to hierarchical ranks. <i>Scientific Reports</i> , 2017, 7, 45920.	3.3	22
41	Neurocomputational mechanisms at play when weighing concerns for extrinsic rewards, moral values, and social image. <i>PLoS Biology</i> , 2019, 17, e3000283.	5.6	22
42	Endogenous cortisol levels are associated with an imbalanced striatal sensitivity to monetary versus non-monetary cues in pathological gamblers. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 83.	2.0	17
43	Neural dynamics of reward probability coding: a Magnetoencephalographic study in humans. <i>Frontiers in Neuroscience</i> , 2013, 7, 214.	2.8	16
44	Right Temporoparietal Junction Underlies Avoidance of Moral Transgression in Autism Spectrum Disorder. <i>Journal of Neuroscience</i> , 2021, 41, 1699-1715.	3.6	16
45	Neurocomputational mechanisms underlying immoral decisions benefiting self or others. <i>Social Cognitive and Affective Neuroscience</i> , 2020, 15, 135-149.	3.0	10
46	Cognitive and hormonal regulation of appetite for food presented in the olfactory and visual modalities. <i>NeuroImage</i> , 2021, 230, 117811.	4.2	9
47	Neural basis of corruption in power-holders. <i>ELife</i> , 2021, 10, .	6.0	8
48	Effect of the catecholâ€œmethyltransferase Val158Met polymorphism on theory of mind in obesity. <i>European Eating Disorders Review</i> , 2019, 27, 401-409.	4.1	7
49	Decomposing brain signals involved in value-based decision making. , 2009, , 135-163.		5
50	State-dependent value representation: evidence from the striatum. <i>Frontiers in Neuroscience</i> , 2014, 8, 193.	2.8	3
51	Neuroimaging Evidences of Gonadal Steroid Hormone Influences on Reward Processing and Social Decision-Making in Humans. , 2015, , 1011-1018.		3
52	Perturbation of Right Dorsolateral Prefrontal Cortex Makes Power Holders Less Resistant to Tempting Bribes. <i>Psychological Science</i> , 2022, 33, 412-423.	3.3	3
53	Gonadal steroid hormonesâ€™ influence on reward and decision-making processes. , 2009, , 307-334.		2
54	Handbook of Reward and Decision Making. , 2009, , .		2

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55	Punishment-based decision making. <i>Frontiers in Neuroscience</i> , 2013, 7, 236.	2.8	0
56	Neurocomputational mechanisms engaged in moral choices and moral learning. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 132, 50-60.	6.1	0