Philippe N Tobler

List of Publications by Year in descending order

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150		10,030	39		93
papers		citations	h-index		g-index
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170		170	170		9392
all docs		docs citations	times ranked		citing authors

#	Article	IF	CITATIONS
1	Toward a Unifying Account of Dopamine's Role in Cost-Benefit Decision Making. Biological Psychiatry Global Open Science, 2023, 3, 179-186.	2.2	10
2	Neuro-computational foundations of moral preferences. Social Cognitive and Affective Neuroscience, 2022, 17, 253-265.	3.0	6
3	Reconciling psychological and neuroscientific accounts of reduced motivation in aging. Social Cognitive and Affective Neuroscience, 2022, 17, 398-407.	3.0	6
4	Increased ventral striatal functional connectivity in patients with schizophrenia during reward anticipation. Neurolmage: Clinical, 2022, 33, 102944.	2.7	3
5	Association of Optimism with Cardiovascular Events and All-Cause Mortality: Systematic Review and Meta-Analysis. American Journal of Medicine, 2022, 135, 856-863.e2.	1.5	10
6	Cerebellar and cortico-striatal-midbrain contributions to reward-cognition processes and apathy within the psychosis continuum. Schizophrenia Research, 2022, 246, 85-94.	2.0	6
7	Why We Learn Less from Observing Outgroups. Journal of Neuroscience, 2021, 41, 144-152.	3.6	8
8	Conditional valuation for combinations of goods in primates. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20190669.	4.0	3
9	Associations Between Negative Symptoms and Effort Discounting in Patients With Schizophrenia and Major Depressive Disorder. Schizophrenia Bulletin Open, 2021, 2, sgab022.	1.7	6
10	Increased random exploration in schizophrenia is associated with inflammation. NPJ Schizophrenia, 2021, 7, 6.	3.6	19
11	A computational reward learning account of social media engagement. Nature Communications, 2021, 12, 1311.	12.8	37
12	Selective serotonin reuptake inhibitor treatment retunes emotional valence in primate ventral striatum. Neuropsychopharmacology, 2021, 46, 2073-2082.	5.4	6
13	Testosterone reduces generosity through cortical and subcortical mechanisms. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118 , .	7.1	15
14	The role of oxytocin in delay of gratification and flexibility in non-social decision making. ELife, 2021, 10, .	6.0	11
15	Age-Related Changes in the Role of Social Motivation: Implications for Healthy Aging. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2021, 76, S115-S124.	3.9	13
16	On the reproducibility of in vivo temporal <scp>signalâ€toâ€noise</scp> ratio and its utility as a predictor of subjectâ€level tâ€values in a functional magnetic resonance imaging study. International Journal of Imaging Systems and Technology, 2021, 31, 1849-1860.	4.1	2
17	Frontopolar theta oscillations link metacognition with prospective decision making. Nature Communications, 2021, 12, 3943.	12.8	15
18	Effects of a virtual gender swap on social and temporal decision-making. Scientific Reports, 2021, 11, 15376.	3.3	15

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19	Motivation and Healthy Aging: A Heuristic Model. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2021, 76, S97-S104.	3.9	7
20	Effort Mobilization and Healthy Aging. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2021, 76, S135-S144.	3.9	8
21	Multi-scale neural decoding and analysis. Journal of Neural Engineering, 2021, 18, 045013.	3.5	16
22	How far to go in deconstructing negative symptoms? Behavioural and neural level evidence for the amotivation domain. Schizophrenia Research, 2021, 236, 41-47.	2.0	8
23	Changes in beta and high-gamma power in resting-state electrocorticogram induced by repetitive transcranial magnetic stimulation of primary motor cortex in unanesthetized macaque monkeys. Neuroscience Research, 2021, 171, 41-48.	1.9	13
24	Testing models at the neural level reveals how the brain computes subjective value. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	12
25	Opioid antagonism modulates wanting-related frontostriatal connectivity. ELife, 2021, 10, .	6.0	9
26	Shared and dissociable features of apathy and reward system dysfunction in bipolar I disorder and schizophrenia. Psychological Medicine, 2020, 50, 936-947.	4.5	19
27	Dopaminergic D1 Receptor Stimulation Affects Effort and Risk Preferences. Biological Psychiatry, 2020, 87, 678-685.	1.3	29
28	Causal role of lateral prefrontal cortex in mental effort and fatigue. Human Brain Mapping, 2020, 41, 4630-4640.	3.6	18
29	The right temporoparietal junction enables delay of gratification by allowing decision makers to focus on future events. PLoS Biology, 2020, 18, e3000800.	5.6	11
30	Aesthetics and morality judgments share cortical neuroarchitecture. Cortex, 2020, 129, 484-495.	2.4	11
31	Therapeutic status quo in patients with relapsing-remitting multiple sclerosis: A sign of poor self-perception of their clinical status?. Multiple Sclerosis and Related Disorders, 2020, 45, 102354.	2.0	4
32	Clinical, behavioural and neural validation of the PANSS amotivation factor. Schizophrenia Research, 2020, 220, 38-45.	2.0	14
33	Effect of an Educational Intervention on Therapeutic Inertia in Neurologists With Expertise in Multiple Sclerosis. JAMA Network Open, 2020, 3, e2022227.	5. 9	9
34	Know your weaknesses: Sophisticated impulsiveness motivates voluntary self-restrictions Journal of Experimental Psychology: Learning Memory and Cognition, 2020, 46, 1611-1623.	0.9	4
35	Activation of D1 receptors affects human reactivity and flexibility to valued cues. Neuropsychopharmacology, 2020, 45, 780-785.	5.4	16
36	Neural arbitration between social and individual learning systems. ELife, 2020, 9, .	6.0	14

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37	Traffic Lights Intervention Reduces Therapeutic Inertia: A Randomized Controlled Trial in Multiple Sclerosis Care. MDM Policy and Practice, 2019, 4, 238146831985564.	0.9	6
38	Emotional expressions associated with therapeutic inertia in multiple sclerosis care. Multiple Sclerosis and Related Disorders, 2019, 34, 17-28.	2.0	3
39	Testosterone administration increases social discounting in healthy males. Psychoneuroendocrinology, 2019, 108, 127-134.	2.7	28
40	Social threat learning transfers to decision making in humans. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 4732-4737.	7.1	37
41	Cerebral blood flow in striatal regions is associated with apathy in patients with schizophrenia. Journal of Psychiatry and Neuroscience, 2019, 44, 102-110.	2.4	15
42	Ventral Striatal Dysfunction and Symptom Expression in Individuals With Schizotypal Personality Traits and Early Psychosis. Schizophrenia Bulletin, 2018, 44, sbw142.	4.3	28
43	Motivation for the greater good: neural mechanisms of overcoming costs. Current Opinion in Behavioral Sciences, 2018, 22, 96-105.	3.9	19
44	Inequality signals in dorsolateral prefrontal cortex inform social preference models. Social Cognitive and Affective Neuroscience, 2018, 13, 513-524.	3.0	9
45	Do confident individuals generally work harder?. Journal of Multinational Financial Management, 2018, 44, 51-60.	2.3	4
46	Dopamine Receptor-Specific Contributions to the Computation of Value. Neuropsychopharmacology, 2018, 43, 1415-1424.	5.4	31
47	Brain Stimulation Over the Frontopolar Cortex Enhances Motivation to Exert Effort for Reward. Biological Psychiatry, 2018, 84, 38-45.	1.3	44
48	Ventrolateral Prefrontal Cortex Updates Chosen Value According to Choice Set Size. Journal of Cognitive Neuroscience, 2018, 30, 307-318.	2.3	5
49	Deficits in context-dependent adaptive coding in early psychosis and healthy individuals with schizotypal personality traits. Brain, 2018, 141, 2806-2819.	7.6	19
50	Pain relief provided by an outgroup member enhances analgesia. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20180501.	2.6	12
51	The Role of Prescribing Generic (Non-proprietary) Drugs in the Prevalence of Therapeutic Inertia in Multiple Sclerosis Care. Frontiers in Neurology, 2018, 9, 835.	2.4	6
52	Frontostriatal pathways gate processing of behaviorally relevant reward dimensions. PLoS Biology, 2018, 16, e2005722.	5.6	18
53	Incidental ostracism emerges from simple learning mechanisms. Nature Human Behaviour, 2018, 2, 405-414.	12.0	18
54	Investigating the association of ventral and dorsal striatal dysfunction during reward anticipation with negative symptoms in patients with schizophrenia and healthy individuals. PLoS ONE, 2018, 13, e0198215.	2.5	34

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55	Usability of an Educational Intervention to Overcome Therapeutic Inertia in Multiple Sclerosis Care. Frontiers in Neurology, 2018, 9, 522.	2.4	3
56	Ventral Pallidum Encodes Contextual Information and Controls Aversive Behaviors. Cerebral Cortex, 2017, 27, bhw107.	2.9	53
57	Overconfidence and investment: An experimental approach. Journal of Corporate Finance, 2017, 43, 175-192.	5 . 5	109
58	Dopamine Modulates the Functional Organization of the Orbitofrontal Cortex. Journal of Neuroscience, 2017, 37, 1493-1504.	3.6	52
59	Altered reward anticipation: Potential explanation for weight gain in schizophrenia?. Neuroscience and Biobehavioral Reviews, 2017, 75, 91-103.	6.1	16
60	Ovarian hormones and obesity. Human Reproduction Update, 2017, 23, 300-321.	10.8	229
61	The dopaminergic reward system underpins gender differences in social preferences. Nature Human Behaviour, 2017, 1, 819-827.	12.0	91
62	A neural link between generosity and happiness. Nature Communications, 2017, 8, 15964.	12.8	104
63	Deficits in reinforcement learning but no link to apathy in patients with schizophrenia. Scientific Reports, 2017, 7, 40352.	3.3	15
64	Binding oneself to the mast: stimulating frontopolar cortex enhances precommitment. Social Cognitive and Affective Neuroscience, 2017, 12, 635-642.	3.0	18
65	Testosterone administration does not affect men's rejections of low ultimatum game offers or aggressive mood. Hormones and Behavior, 2017, 87, 1-7.	2.1	29
66	Herding: a new phenomenon affecting medical decision-making in multiple sclerosis care? Lessons learned from DIScUTIR MS. Patient Preference and Adherence, 2017, Volume 11, 175-180.	1.8	11
67	Decision-making in Multiple Sclerosis: The Role of Aversion to Ambiguity for Therapeutic Inertia among Neurologists (DIScUTIR MS). Frontiers in Neurology, 2017, 8, 65.	2.4	42
68	Overcoming Therapeutic Inertia in Multiple Sclerosis Care: A Pilot Randomized Trial Applying the Traffic Light System in Medical Education. Frontiers in Neurology, 2017, 8, 430.	2.4	16
69	Doubt in the Insula: Risk Processing in Obsessive-Compulsive Disorder. Frontiers in Human Neuroscience, 2016, 10, 283.	2.0	15
70	Time, Not Size, Matters for Striatal Reward Predictions to Dopamine. Neuron, 2016, 91, 8-11.	8.1	5
71	Deficits in context-dependent adaptive coding of reward in schizophrenia. NPJ Schizophrenia, 2016, 2, 16020.	3.6	33
72	Partial Adaptation of Obtained and Observed Value Signals Preserves Information about Gains and Losses. Journal of Neuroscience, 2016, 36, 10016-10025.	3.6	35

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73	Prefrontal connections express individual differences in intrinsic resistance to trading off honesty values against economic benefits. Scientific Reports, 2016, 6, 33263.	3.3	30
74	Cognitive biases associated with medical decisions: a systematic review. BMC Medical Informatics and Decision Making, 2016, 16, 138.	3.0	574
75	Brain stimulation reveals crucial role of overcoming self-centeredness in self-control. Science Advances, 2016, 2, e1600992.	10.3	100
76	Shared neural basis of social and non-social reward deficits in chronic cocaine users. Social Cognitive and Affective Neuroscience, 2016, 11, 1017-1025.	3.0	39
77	How learning shapes the empathic brain. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 80-85.	7.1	74
78	Ventral striatal hypoactivation is associated with apathy but not diminished expression in patients with schizophrenia. Journal of Psychiatry and Neuroscience, 2016, 41, 152-161.	2.4	64
79	Dopamine regulates stimulus generalization in the human hippocampus. ELife, 2016, 5, e12678.	6.0	41
80	Cortisol and testosterone increase financial risk taking and may destabilize markets. Scientific Reports, 2015, 5, 11206.	3.3	84
81	Discrete coding of stimulus value, reward expectation, and reward prediction error in the dorsal striatum. Journal of Neurophysiology, 2015, 114, 2600-2615.	1.8	24
82	Spatial gradient in value representation along the medial prefrontal cortex reflects individual differences in prosociality. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 7851-7856.	7.1	108
83	Apathy But Not Diminished Expression in Schizophrenia Is Associated With Discounting of Monetary Rewards by Physical Effort. Schizophrenia Bulletin, 2015, 41, 503-512.	4.3	161
84	Dopaminergic and serotonergic modulation of anterior insular and orbitofrontal cortex function in risky decision making. Neuroscience Research, 2015, 92, 53-61.	1.9	35
85	Social discounting involves modulation of neural value signals by temporoparietal junction. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 1619-1624.	7.1	148
86	Efficient learning mechanisms hold in the social domain and are implemented in the medial prefrontal cortex. Social Cognitive and Affective Neuroscience, 2015, 10, 735-743.	3.0	19
87	Apathy in schizophrenia as a deficit in the generation of options for action Journal of Abnormal Psychology, 2015, 124, 309-318.	1.9	27
88	Dopamine D2-Receptor Blockade Enhances Decoding of Prefrontal Signals in Humans. Journal of Neuroscience, 2015, 35, 4104-4111.	3.6	36
89	Identity-specific coding of future rewards in the human orbitofrontal cortex. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 5195-5200.	7.1	181
90	Reward-dependent modulation of working memory is associated with negative symptoms in schizophrenia. Schizophrenia Research, 2015, 168, 238-244.	2.0	30

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91	State-dependent value representation: evidence from the striatum. Frontiers in Neuroscience, 2014, 8, 193.	2.8	3
92	Functional changes of the reward system underlie blunted response to social gaze in cocaine users. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 2842-2847.	7.1	89
93	Valuation for Risky and Uncertain Choices. , 2014, , 149-172.		20
94	Poster #T119 REWARD SYSTEM DYSFUNCTION AND NEGATIVE SYMPTOM DIMENSIONS IN SCHIZOPHRENIA. Schizophrenia Research, 2014, 153, S331-S332.	2.0	0
95	Disentangling neural representations of value and salience in the human brain. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 5000-5005.	7.1	156
96	Comparison of functional near-infrared spectroscopy and electrodermal activity in assessing objective versus subjective risk during risky financial decisions. Neurolmage, 2014, 84, 833-842.	4.2	45
97	Surprise beyond prediction error. Human Brain Mapping, 2014, 35, 4805-4814.	3 . 6	19
98	Bonus schemes and trading activity. Journal of Corporate Finance, 2014, 29, 369-389.	5 . 5	2
99	Value Learning through Reinforcement. , 2014, , 283-298.		41
100	The role of learning-related dopamine signals in addiction vulnerability. Progress in Brain Research, 2014, 211, 31-77.	1.4	72
101	Poster #S165 APATHY BUT NOT DIMINISHED EXPRESSION IN SCHIZOPHRENIA IS ASSOCIATED WITH DISCOUNTING OF MONETARY REWARDS BY PHYSICAL EFFORT. Schizophrenia Research, 2014, 153, S149.	2.0	5
102	Restricting Temptations: Neural Mechanisms of Precommitment. Neuron, 2013, 79, 391-401.	8.1	101
103	The cognitive and neural basis of option generation and subsequent choice. Cognitive, Affective and Behavioral Neuroscience, 2013, 13, 814-829.	2.0	31
104	Predicting the imagined contents using brain activation. , 2013, , .		2
105	Understanding consumer decisions using behavioral economics. Progress in Brain Research, 2013, 202, 197-211.	1.4	15
106	Neural Integration of Risk and Effort Costs by the Frontal Pole: Only upon Request. Journal of Neuroscience, 2013, 33, 1706-1713.	3.6	69
107	Parabolic discounting of monetary rewards by physical effort. Behavioural Processes, 2013, 100, 192-196.	1.1	102
108	Salience Signals in the Right Temporoparietal Junction Facilitate Value-Based Decisions. Journal of Neuroscience, 2013, 33, 863-869.	3.6	66

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109	Value of freedom to choose encoded by the human brain. Journal of Neurophysiology, 2013, 110, 1915-1929.	1.8	38
110	Punishment-based decision making. Frontiers in Neuroscience, 2013, 7, 236.	2.8	0
111	Causes of social reward differences encoded in human brain. Journal of Neurophysiology, 2012, 107, 1403-1412.	1.8	25
112	Inactivating Anterior Insular Cortex Reduces Risk Taking. Journal of Neuroscience, 2012, 32, 16031-16039.	3.6	51
113	How Glitter Relates to Gold: Similarity-Dependent Reward Prediction Errors in the Human Striatum. Journal of Neuroscience, 2012, 32, 16521-16529.	3.6	36
114	BOLD responses in reward regions to hypothetical and imaginary monetary rewards. NeuroImage, 2012, 59, 1692-1699.	4.2	35
115	Practical Implications of Empirically Studying Moral Decision-Making. Frontiers in Neuroscience, 2012, 6, 94.	2.8	9
116	Coding of Reward Probability and Risk by Single Neurons in Animals. Frontiers in Neuroscience, 2011, 5, 121.	2.8	29
117	Neuronal signals for reward risk in frontal cortex. Annals of the New York Academy of Sciences, 2011, 1239, 109-117.	3.8	31
118	Reward skewness coding in the insula independent of probability and loss. Journal of Neurophysiology, 2011, 106, 2415-2422.	1.8	53
119	Decision Making in Frontal Cortex: From Single Units to fMRI. , 2011, , 75-94.		0
120	Striatal BOLD response reflects the impact of herd information on financial decisions. Frontiers in Human Neuroscience, 2010, 4, 48.	2.0	36
121	Neural signatures of intransitive preferences. Frontiers in Human Neuroscience, 2010, 4, .	2.0	12
122	Neural mechanisms of observational learning. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 14431-14436.	7.1	268
123	Electrophysiological correlates of reward processing in dopamine neurons., 2009,, 29-50.		2
124	Short-Term Temporal Discounting of Reward Value in Human Ventral Striatum. Journal of Neurophysiology, 2009, 101, 1507-1523.	1.8	85
125	Functional imaging of the human dopaminergic midbrain. Trends in Neurosciences, 2009, 32, 321-328.	8.6	184
126	Risk-dependent reward value signal in human prefrontal cortex. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 7185-7190.	7.1	160

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127	Neural Correlates of Value, Risk, and Risk Aversion Contributing to Decision Making under Risk. Journal of Neuroscience, 2009, 29, 12574-12583.	3.6	358
128	A parametric relief signal in human ventrolateral prefrontal cortex. NeuroImage, 2009, 44, 1163-1170.	4.2	27
129	Segregated and Integrated Coding of Reward and Punishment in the Cingulate Cortex. Journal of Neurophysiology, 2009, 101, 3284-3293.	1.8	86
130	Behavioral Functions of Dopamine Neurons., 2009,, 316-330.		0
131	Introduction. Cognitive, Affective and Behavioral Neuroscience, 2008, 8, 345-347.	2.0	3
132	The role of moral utility in decision making: An interdisciplinary framework. Cognitive, Affective and Behavioral Neuroscience, 2008, 8, 390-401.	2.0	18
133	Conceptual representations in goal-directed decision making. Cognitive, Affective and Behavioral Neuroscience, 2008, 8, 418-428.	2.0	16
134	Personality-dependent dissociation of absolute and relative loss processing in orbitofrontal cortex. European Journal of Neuroscience, 2008, 27, 1547-1552.	2.6	18
135	Neuronal Distortions of Reward Probability without Choice. Journal of Neuroscience, 2008, 28, 11703-11711.	3.6	83
136	Explicit neural signals reflecting reward uncertainty. Philosophical Transactions of the Royal Society B: Biological Sciences, 2008, 363, 3801-3811.	4.0	199
137	Awfully Afraid? Dissociating Decision- from Motor- and Sensory-Related Brain Activation during Perceptual Choices. Journal of Neuroscience, 2007, 27, 6081-6082.	3.6	2
138	Learning-Related Human Brain Activations Reflecting Individual Finances. Neuron, 2007, 54, 167-175.	8.1	78
139	Reward Value Coding Distinct From Risk Attitude-Related Uncertainty Coding in Human Reward Systems. Journal of Neurophysiology, 2007, 97, 1621-1632.	1.8	418
140	Human Neural Learning Depends on Reward Prediction Errors in the Blocking Paradigm. Journal of Neurophysiology, 2006, 95, 301-310.	1.8	175
141	Adaptive Coding of Reward Value by Dopamine Neurons. Science, 2005, 307, 1642-1645.	12.6	1,085
142	Evidence that the delay-period activity of dopamine neurons corresponds to reward uncertainty rather than backpropagating TD errors. Behavioral and Brain Functions, 2005, 1, 7.	3.3	62
143	Discrete Coding of Reward Probability and Uncertainty by Dopamine Neurons. Science, 2003, 299, 1898-1902.	12.6	1,737
144	Coding of Predicted Reward Omission by Dopamine Neurons in a Conditioned Inhibition Paradigm. Journal of Neuroscience, 2003, 23, 10402-10410.	3.6	298

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145	Role of human frontal and supplementary eye fields in double step saccades. NeuroReport, 2002, 13, 253-255.	1.2	27
146	Functional organisation of the saccadic reference system processing extraretinal signals in humans. Vision Research, 2001, 41, 1351-1358.	1.4	22
147	Overconfidence, Effort, and Investment. SSRN Electronic Journal, 0, , .	0.4	6
148	Bonus Schemes and Trading Activity. SSRN Electronic Journal, 0, , .	0.4	0
149	Does Confidence Predict Out-of-Domain Effort?. SSRN Electronic Journal, 0, , .	0.4	O
150	Does Confidence Predict Out-of-Domain Effort?. SSRN Electronic Journal, 0, , .	0.4	0