

CITATION REPORT

List of articles citing

Computations of uncertainty mediate acute stress responses in humans

DOI: 10.1038/ncomms10996
Nature Communications, 2016, 7, 10996.

Source: <https://exaly.com/paper-pdf/63827842/citation-report.pdf>

Version: 2024-04-27

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
188	Acute stress selectively impairs learning to act. <i>Scientific Reports</i> , 2016 , 6, 29816	4.9	17
187	Dispositional negativity: An integrative psychological and neurobiological perspective. 2016 , 142, 1275-1314		126
186	Skin Conductance Measures in Neuroeconomic Research. 2016 , 345-357		1
185	Contributions of the Central Extended Amygdala to Fear and Anxiety. 2016 , 36, 8050-63		157
184	Physiological responses associated with cultural attachment. 2017 , 325, 214-222		12
183	A Framework for Unrestricted Prenatal Whole-Genome Sequencing: Respecting and Enhancing the Autonomy of Prospective Parents. 2017 , 17, 3-18		43
182	Effects of tDCS on motor learning and memory formation: A consensus and critical position paper. 2017 , 128, 589-603		166
181	Pupil-linked arousal is driven by decision uncertainty and alters serial choice bias. <i>Nature Communications</i> , 2017 , 8, 14637	17.4	169
180	Partial reinforcement of avoidance and resistance to extinction in humans. 2017 , 96, 79-89		30
179	Learned expectations and uncertainty facilitate pain during classical conditioning. 2017 , 158, 1528-1537		14
178	Representational Uncertainty in the Brain During Threat Conditioning and the Link With Psychopathic Traits. 2017 , 2, 689-695		15
177	Uncertainty and stress: Why it causes diseases and how it is mastered by the brain. 2017 , 156, 164-188		247
176	Computational Psychiatry. 2017 , 29-42		1
175	Stress attenuates the flexible updating of aversive value. 2017 , 114, 11241-11246		30
174	Strategic adaptation to non-reward prediction error qualities and irreducible uncertainty in fMRI. 2017 , 97, 32-48		7
173	Computational Psychosomatics and Computational Psychiatry: Toward a Joint Framework for Differential Diagnosis. 2017 , 82, 421-430		92
172	Adults with autism overestimate the volatility of the sensory environment. 2017 , 20, 1293-1299		186

171	Cortisol responses enhance negative valence perception for ambiguous facial expressions. <i>Scientific Reports</i> , 2017 , 7, 15107	4.9	23
170	Models of neuromodulation for computational psychiatry. 2017 , 8, e1420		13
169	Task relevance modulates the behavioural and neural effects of sensory predictions. <i>PLoS Biology</i> , 2017 , 15, e2003143	9.7	27
168	Neural cognitive control moderates the association between insular risk processing and risk-taking behaviors via perceived stress in adolescents. 2018 , 30, 150-158		4
167	Stressful Events as Teaching Signals for the Brain. 2018 , 22, 475-478		7
166	Cultural effects on computational metrics of spatial and temporal context. <i>Scientific Reports</i> , 2018 , 8, 2027	4.9	3
165	Modelling weather risk preferences with multi-criteria decision analysis for an aerospace vehicle launch. 2018 , 25, 456-465		5
164	Empathy: The Role of Expectations. 2018 , 10, 161-166		0
163	Understanding psychiatric disorder by capturing ecologically relevant features of learning and decision-making. 2018 , 355, 56-75		18
162	Task-evoked pupil responses reflect internal belief states. <i>Scientific Reports</i> , 2018 , 8, 13702	4.9	19
161	Psychophysiological modeling: Current state and future directions. 2018 , 55, e13214		33
160	Differentiating between Models of Perceptual Decision Making Using Pupil Size Inferred Confidence. 2018 , 38, 8874-8888		15
159	The control of tonic pain by active relief learning. <i>ELife</i> , 2018 , 7,	8.9	11
158	Intrinsic and extrinsic motivators of attachment under active inference. <i>PLoS ONE</i> , 2018 , 13, e0193955	3.7	7
157	Contingency Training Alters Neurobiological Components of Emotional Resilience in Male and Female Rats. 2018 , 386, 121-136		5
156	References. 2018 , 555-664		
155	A Functional Motivation Framework for Examining Superstitious Behavior. 2018 , 3, 454-465		4
154	Dorsal striatum dopamine oscillations: Setting the pace of food anticipatory activity. 2019 , 225, e13152		12

153	Stress Impairs Episodic Retrieval by Disrupting Hippocampal and Cortical Mechanisms of Remembering. 2019 , 29, 2947-2964		18
152	Action boosts episodic memory encoding in humans via engagement of a noradrenergic system. <i>Nature Communications</i> , 2019 , 10, 3534	17.4	13
151	The Misestimation of Uncertainty in Affective Disorders. 2019 , 23, 865-875		31
150	Being right matters: Model-compliant events in predictive processing. <i>PLoS ONE</i> , 2019 , 14, e0218311	3.7	2
149	Sweating the small stuff: A meta-analysis of skin conductance on the Iowa gambling task. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2019 , 19, 1097-1112	3.5	8
148	A computational account of threat-related attentional bias. 2019 , 15, e1007341		15
147	The Associations of Emotion Coping Appraisal With Both the Cue-Outcome Contingency and Perceived Verbal Abuse Exposure. <i>Frontiers in Psychiatry</i> , 2019 , 10, 250	5	1
146	Eye pupil signals information gain. 2019 , 286, 20191593		14
145	Neurocomputational mechanisms underlying emotional awareness: Insights afforded by deep active inference and their potential clinical relevance. 2019 , 107, 473-491		39
144	Acute psychosocial stress alters thalamic network centrality. 2019 , 199, 680-690		11
143	Cultural Attachment: From Behavior to Computational Neuroscience. 2019 , 13, 209		2
142	Parameters as Trait Indicators: Exploring a Complementary Neurocomputational Approach to Conceptualizing and Measuring Trait Differences in Emotional Intelligence. <i>Frontiers in Psychology</i> , 2019 , 10, 848	3.4	2
141	LEAD operational safety: Development and validation of a tool to measure safety control strategies. 2019 , 118, 1-14		9
140	Interpersonal touch interventions for patients in intensive care: A design-oriented realist review. 2019 , 6, 216-235		5
139	How to assess negative affective reactivity to daily life stress in depressed and nondepressed individuals?. 2019 , 279, 259-266		5
138	On the Application of the Safety-II Concept in a Security Context. 2019 , 4, 175-200		3
137	Phasic amygdala and BNST activation during the anticipation of temporally unpredictable social observation in social anxiety disorder patients. 2019 , 22, 101735		22
136	Computational Models of Anxiety: Nascent Efforts and Future Directions. 2019 , 28, 170-176		11

135	Simulating Emotions: An Active Inference Model of Emotional State Inference and Emotion Concept Learning. <i>Frontiers in Psychology</i> , 2019 , 10, 2844	3-4	35
134	The Computational Boundary of a "Self": Developmental Bioelectricity Drives Multicellularity and Scale-Free Cognition. <i>Frontiers in Psychology</i> , 2019 , 10, 2688	3-4	46
133	An Embodied Neurocomputational Framework for Organically Integrating Biopsychosocial Processes: An Application to the Role of Social Support in Health and Disease. 2019 , 81, 125-145		21
132	Emotionally Aversive Cues Suppress Neural Systems Underlying Optimal Learning in Socially Anxious Individuals. 2019 , 39, 1445-1456		17
131	Twelve tips for thriving in the face of clinical uncertainty. 2020 , 42, 493-499		26
130	Appraisal of economic crisis, psychological distress, and work-unit absenteeism: a 1-1-2 model. 2020 , 35, 609-620		7
129	Generalization of instrumentally acquired pain-related avoidance to novel but similar movements using a robotic arm-reaching paradigm. 2020 , 124, 103525		6
128	On booms that never bust: Ambiguity in experimental asset markets with bubbles. 2020 , 110, 103754		0
127	Suboptimal learning of tactile-spatial predictions in patients with complex regional pain syndrome. 2020 , 161, 369-378		3
126	Aberrant computational mechanisms of social learning and decision-making in schizophrenia and borderline personality disorder. 2020 , 16, e1008162		13
125	To What Extent is Leader-member Exchange and Psychological Safety Able to Influence Counterproductive Work Behavior? Evidence from the Hospitality Industry in Surabaya, Indonesia. 2020 , 76, 01001		
124	Expectancy Violation Drives Memory Boost for Stressful Events. 2020 , 31, 1409-1421		4
123	Should Trust Be Stressed? General Trust and Proactive Coping as Buffers to Perceived Stress. <i>Frontiers in Psychology</i> , 2020 , 11, 554962	3-4	1
122	The 'Threat of Scream' paradigm: a tool for studying sustained physiological and subjective anxiety. <i>Scientific Reports</i> , 2020 , 10, 12496	4-9	5
121	Mistrust, uncertainty and health risks. 2020 , 15, 504-516		16
120	Expecting social punishment facilitates control over a decision under uncertainty by recruiting medial prefrontal cortex. 2020 , 15, 1260-1270		0
119	Perceived efficacy of COVID-19 restrictions, reactions and their impact on mental health during the early phase of the outbreak in six countries. 2020 , 7, 200644		53
118	Associations between aversive learning processes and transdiagnostic psychiatric symptoms in a general population sample. <i>Nature Communications</i> , 2020 , 11, 4179	17-4	13

117	The biological classification of mental disorders (BeCOME) study: a protocol for an observational deep-phenotyping study for the identification of biological subtypes. 2020 , 20, 213		13
116	Trait impulsivity and acute stress interact to influence choice and decision speed during multi-stage decision-making. <i>Scientific Reports</i> , 2020 , 10, 7754	4.9	11
115	The impact of the COVID-19 pandemic on suicide rates. 2020 , 113, 707-712		336
114	Income growth is unlikely to help, but we can learn from international comparisons. 2020 , 4, 188-197		2
113	Brain-body interactions underlying the association of loneliness with mental and physical health. 2020 , 116, 283-300		19
112	A simple model for learning in volatile environments. 2020 , 16, e1007963		13
111	Examining the relationship between policy uncertainty and market uncertainty across the G7. 2020 , 71, 101540		10
110	Knowledge of HIV Status Is Associated With a Decrease in the Severity of Depressive Symptoms Among Female Sex Workers in Uganda and Zambia. 2020 , 83, 37-46		7
109	From allostatic agents to counterfactual cognisers: active inference, biological regulation, and the origins of cognition. 2020 , 35, 1		36
108	Fear-Free Cross-Cultural Communication: Toward a More Balanced Approach With Insight From Neuroscience. 2020 , 5,		2
107	Measuring learning in human classical threat conditioning: Translational, cognitive and methodological considerations. 2020 , 114, 96-112		24
106	Exploitation of local and global information in predictive processing. <i>PLoS ONE</i> , 2020 , 15, e0231021	3.7	1
105	Non-invasive Brain Stimulation Effects on the Perceptual and Cognitive Processes Underlying Decision-making: a Mini Review. 2021 , 5, 233-244		3
104	State anxiety biases estimates of uncertainty and impairs reward learning in volatile environments. 2021 , 224, 117424		10
103	The Computational, Pharmacological, and Physiological Determinants of Sensory Learning under Uncertainty. 2021 , 31, 163-172.e4		10
102	The impact of early information concerning the surgical operations on anxiety in patients with burns. 2021 , 47, 847-853		0
101	Electrophysiological Signatures of Hierarchical Learning. 2021 ,		0
100	Valuing what happens: a biogenic approach to valence and (potentially) affect. 2021 , 376, 20190752		7

99	Greater decision uncertainty characterizes a transdiagnostic patient sample during approach-avoidance conflict: a computational modelling approach. 2021 , 46, E74-E87		12
98	Exploring preferences for present- and future-focused job opportunities across seniors and young adults. 1		1
97	Epidemic Risk Perception, Perceived Stress, and Mental Health During COVID-19 Pandemic: A Moderated Mediating Model. <i>Frontiers in Psychology</i> , 2020 , 11, 563741	3.4	13
96	Neural Computations of Threat. 2021 , 25, 151-171		14
95	State anxiety alters the neural oscillatory correlates of predictions and prediction errors during reward learning.		
94	Arm movement adaptation to concurrent pain constraints. <i>Scientific Reports</i> , 2021 , 11, 6792	4.9	
93	Approach-Avoidance Decisions Under Threat: The Role of Autonomic Psychophysiological States. 2021 , 15, 621517		5
92	Prediction errors for aversive events shape long-term memory formation through a distinct neural mechanism.		
91	The Price of Predictability: Estimating Inconsistency Premiums in Social Interactions. 2021 , 146167221998533		0
90	Pupil Dilation and the Slow Wave ERP Reflect Surprise about Choice Outcome Resulting from Intrinsic Variability in Decision Confidence. 2021 , 31, 3565-3578		0
89	Pupil dilation indexes automatic and dynamic inference about the precision of stimulus distributions. 2021 , 101, 102503		
88	Pupil-linked arousal modulates trial-by-trial motor adaptation in humans.		
87	Perceived Stress among Iranians during COVID-19 Pandemic; Stressors and Coping Mechanisms: A Mixed-methods Approach: Stress perçú chez les Iraniens durant la pandémie de la COVID-19; stressseurs et mécanismes d'adaptation: Une approche de méthodes mixtes. <i>Canadian Journal of Psychiatry</i> , 2021 , 7067437211004881	4.8	
86	Corpus-based analysis of genetically modified seed discourse. <i>Discourse and Society</i> , 095792652110232	0.9	0
85	Health Perceptions and Adopted Lifestyle Behaviors During the COVID-19 Pandemic: Cross-National Survey. <i>JMIR Formative Research</i> , 2021 , 5, e23630	2.5	1
84	Training for Professional Uncertainty: Socialization of Medical Students Through the Residency Application Process. <i>Academic Medicine</i> , 2021 , 96, S144-S150	3.9	2
83	An empirical study of affective and cognitive functions in Compulsive Sexual Behavior Disorder. <i>Journal of Behavioral Addictions</i> , 2021 , 10, 657-674	6.3	1
82	Adolescent risk-taking in the context of exploration and social influence. <i>Developmental Review</i> , 2021 , 61, 100979	7.4	8

81	Hat Computational Psychiatry Relevanz für die klinische Praxis der Psychiatrie?. <i>Zeitschrift Fur Psychiatrie, Psychologie Und Psychotherapie</i> , 2017 , 65, 9-19	0.3	4
80	Pupil dilation and the slow wave ERP reflect surprise about choice outcome resulting from intrinsic variability in decision confidence.		1
79	Phasic activation of dorsal raphe serotonergic neurons increases pupil-linked arousal.		1
78	A model for learning based on the joint estimation of stochasticity and volatility.		2
77	A Selective Increase in OC Symptoms is Driving Information Seeking and Guideline Adherence During the Covid-19 Pandemic.		2
76	Task-evoked pupil responses reflect internal belief states.		2
75	Simulating emotions: An active inference model of emotional state inference and emotion concept learning.		4
74	Neurocomputational mechanisms underlying emotional awareness: insights afforded by deep active inference and their potential clinical relevance.		5
73	State anxiety biases estimates of uncertainty during reward learning in volatile environments.		1
72	Pharmacological Fingerprints of Contextual Uncertainty. <i>PLoS Biology</i> , 2016 , 14, e1002575	9.7	55
71	Engaging with change: Information and communication technology professionals' perspectives on change in the context of the 'Brexit' vote. <i>PLoS ONE</i> , 2017 , 12, e0186452	3.7	4
70	An infectious disease pandemic and increased suicide risk. <i>Revista Brasileira De Psiquiatria</i> , 2020 , 42, 239-240		11
69	When will the pandemic end?. <i>Indian Journal of Psychiatry</i> , 2020 , 62, S330-S334	2.2	2
68	Unexpected arousal modulates the influence of sensory noise on confidence. <i>ELife</i> , 2016 , 5,	8.9	99
67	Associability-modulated loss learning is increased in posttraumatic stress disorder. <i>ELife</i> , 2018 , 7,	8.9	20
66	Alterations in the amplitude and burst rate of beta oscillations impair reward-dependent motor learning in anxiety. <i>ELife</i> , 2020 , 9,	8.9	9
65	Neural arbitration between social and individual learning systems. <i>ELife</i> , 2020 , 9,	8.9	2
64	Momentary subjective well-being depends on learning and not reward. <i>ELife</i> , 2020 , 9,	8.9	7

63	Modulation of neural activity in frontopolar cortex drives reward-based motor learning. <i>Scientific Reports</i> , 2021 , 11, 20303	4.9	
62	Psychoenvironmental and cognitive factors of women's emotional states during confinement due to Covid-19 (Factores psicoambientales y cognitivos de los estados emocionales en mujeres durante el confinamiento ante la Covid-19). <i>Estudios De Psicología</i> , 1-27	1.1	○
61	Action boosts episodic memory encoding in humans via engagement of a noradrenergic system.		
60	The control of tonic pain by active relief learning.		○
59	Hochzeiten. 2018 , 111-120		
58	Using confidence inferred from pupil-size to dissect perceptual task-strategy: support for a bounded decision-formation process.		1
57	Computational psychiatry 2.0 and implications for stress research.		
56	Thriving in Digital Workspaces: From Compete to Create Exploring New Tools. 2019 , 61-81		
55	Exploitation of local and global information in predictive processing.		
54	A simple model for learning in volatile environments.		2
53	Eye pupil signals information gain.		
52	Sub-Optimal Learning of Tactile-Spatial Predictions in Patients with Complex Regional Pain Syndrome.		
51	Expecting social punishment facilitates control over a decision under uncertainty by recruiting medial prefrontal cortex.		
50	Neural Arbitration between Social and Individual Learning Systems.		
49	Associations between aversive learning processes and transdiagnostic psychiatric symptoms revealed by large-scale phenotyping.		○
48	Notions of Climate-Change-Related Uncertainty Among Stakeholders in the Coastal Region of Krummhörn, East Frisia, Germany. <i>SSRN Electronic Journal</i> ,	1	
47	Asymmetric representation of aversive prediction errors in Pavlovian threat conditioning.		
46	A model for learning based on the joint estimation of stochasticity and volatility. <i>Nature Communications</i> , 2021 , 12, 6587	17.4	○

45	The association between uncertainty and mental health: a scoping review of the quantitative literature.. <i>Journal of Mental Health</i> , 2022 , 1-12	2.7	4
44	Global Adversities, the Media, and Mental Health.. <i>Frontiers in Psychiatry</i> , 2021 , 12, 809239	5	1
43	Anodal tDCS over the medial prefrontal cortex enhances behavioral adaptation after punishments during reversal learning through increased updating of unchosen choice options.. <i>Cerebral Cortex Communications</i> , 2022 , 3, tgac006	1.9	1
42	Effect of stress on safety-critical behaviour: An examination of combined resilience engineering and naturalistic decision-making approaches. <i>Journal of Contingencies and Crisis Management</i> ,	3.5	
41	Reduced Pupil Oscillation During Facial Emotion Judgment in People with Autism Spectrum Disorder.. <i>Journal of Autism and Developmental Disorders</i> , 2022 , 1	4.6	
40	Cumulative lifetime stressor exposure assessed by the STRAIN predicts economic ambiguity aversion.. <i>Nature Communications</i> , 2022 , 13, 1686	17.4	1
39	Exploring Attachment among Iranian University Students with Respect to the Role of Age and Gender: A Mixed-Method Study. <i>Education Research International</i> , 2022 , 2022, 1-8	1.2	0
38	Anxiety and Aggression in the Context of COVID-19: Sex and Cultural Differences (on the Example of Minsk and Moscow). 2021 , 580-596		
37	Acute Stress in Health Workers during Two Consecutive Epidemic Waves of COVID-19.. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 19,	4.6	0
36	Help or punishment: acute stress moderates basal testosterone's association with prosocial behavior.. <i>Stress</i> , 2022 , 25, 179-188	3	0
35	Sense of Control and Safety Compliance in the Prevention of COVID-19: A Framework Based on Conservation of Resources Theory.. <i>Frontiers in Psychology</i> , 2022 , 13, 790459	3.4	
34	Table_1.docx. 2019 ,		
33	Data_Sheet_1.zip. 2019 ,		
32	Table_1.xlsx. 2020 ,		
31	Fixating on the future: An overview of increased astrology use.. <i>International Journal of Social Psychiatry</i> , 2022 , 207640221094155	8.5	0
30	Compatibility effects in the perception of dispersion. <i>Cognition</i> , 2022 , 225, 105166	3.5	
29	Changes in oscillations in anterior cingulate and medial prefrontal cortex are associated with altered signatures of Bayesian predictive coding in trait anxiety.		
28	Hierarchical inference as a source of human biases. <i>Cognitive, Affective and Behavioral Neuroscience</i> ,	3.5	0

27	Decision biases in revenue management revisited: Dynamic decision-making under stationary and nonstationary demand. <i>Decision Sciences</i> ,	3.7	0
26	The continuous and changing impact of affect on risky decision-making. <i>Scientific Reports</i> , 2022 , 12,	4.9	0
25	Altered predictive control during memory suppression in PTSD. <i>Nature Communications</i> , 2022 , 13,	17.4	1
24	Neurocomputational mechanisms underlying fear-biased adaptation learning in changing environments.		
23	Bridging the Gap Between Competencies and Uncertainties in Postgraduate Training in Family Medicine: Results and Psychometric Properties of a Self-Assessment Questionnaire. <i>Advances in Medical Education and Practice</i> , Volume 13, 671-684	1.5	
22	Modulation of motor vigour by expectation of reward probability trial-by-trial is preserved in healthy ageing and Parkinson's disease patients.		
21	Modulating hierarchical learning by high-definition transcranial alternating current stimulation at theta frequency.		0
20	Stumbling My Way into Trauma-Informed Nursing Education. 2022 , 75-84		0
19	Sweet spot in music's predictability preferred among persons with psychotic-like experiences or autistic traits?. 2022 , 17, e0275308		0
18	Is Categorization in Visual Working Memory a Way to Reduce Mental Effort? A Pupillometry Study. 2022 , 46,		0
17	Pupil diameter tracked during motor adaptation in humans.		0
16	Trait somatic anxiety is associated with reduced directed exploration and underestimation of uncertainty.		0
15	Challenging Dominant Ideologies and Expanding the Narrative Habitus in Spaces of Organizing Through Critical Thinking. 2023 , 201-218		0
14	Atypical prediction error learning is associated with prodromal symptoms in individuals at clinical high risk for psychosis. 2022 , 8,		1
13	Computational models of subjective feelings in psychiatry. 2022 , 105008		0
12	Methods for eliciting and measuring behavioral and physiological consequences of stress and uncertainty in virtual reality. 4,		0
11	Individual wayfinding decisions under stress in indoor emergency situations: A theoretical framework and meta-analysis. 2023 , 160, 106063		1
10	Anterior cingulate and medial prefrontal cortex oscillations underlie learning alterations in trait anxiety in humans. 2023 , 6,		0

- 9 Transdiagnostic computations of uncertainty: towards a new lens on intolerance of uncertainty. **2023**, 148, 105123
- 8 Trust in sources of information on COVID-19 at the beginning of the pandemic's first wave and incident persistent symptoms in the population-based CONSTANCES cohort: A prospective study. **2023**, 169, 111326
- 7 Modulation of Motor Vigor by Expectation of Reward Probability Trial-by-Trial Is Preserved in Healthy Ageing and Parkinson's Disease Patients. **2023**, 43, 1757-1777
- 6 How uncertain are you? Disentangling expected and unexpected uncertainty in pupil-linked brain arousal during reversal learning.
- 5 Anxiety as a disorder of uncertainty: implications for understanding maladaptive anxiety, anxious avoidance, and exposure therapy.
- 4 Positive distraction in daily activities as a predictor of good coping: A day in the life during the COVID-19 pandemic. 14,
- 3 Aberrant uncertainty processing is linked to psychotic-like experiences, autistic traits, and is reflected in pupil dilation during probabilistic learning.
- 2 The Use of Urinalysis and Urine Culture in Diagnosis: The Role of Uncertainty Tolerance. **2023**,
- 1 Meeting information needs in a natural hazard: Development of crisis information needs and adequacy for internal stakeholders (CINA-IS) scale. **2023**,