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Pleasure systems in the brain

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902	Mesolimbic Dopamine and the Regulation of Motivated Behavior. 2016 , 27, 231-57		107
901	Neurobiology of opioid dependence in creating addiction vulnerability. 2016 , 5,		76
900	A Noisy Carbohydrate Addiction. 2016 , 17, 147		
899	Involvement of opioid signaling in food preference and motivation: Studies in laboratory animals. 2016 , 229, 159-187		9
898	Pleasure of Food in the Brain. 2016 , 211-234		5
897	Ecstatic Epileptic Seizures: A Glimpse into the Multiple Roles of the Insula. 2016 , 10, 21		23
896	Interacting Cannabinoid and Opioid Receptors in the Nucleus Accumbens Core Control Adolescent Social Play. 2016 , 10, 211		43

895	The Neural Bases of Disgust for Cheese: An fMRI Study. 2016 , 10, 511	10
894	Commentary: New Insights in Anorexia Nervosa. 2016 , 10, 483	2
893	Control of Appetite and Food Preference by NMDA Receptor and Its Co-Agonist d-Serine. 2016 , 17,	9
892	Review of Antibiotic and Non-Antibiotic Properties of Beta-lactam Molecules. 2016 , 15, 3-14	5
891	The Neurobiology Shaping Affective Touch: Expectation, Motivation, and Meaning in the Multisensory Context. 2015 , 6, 1986	81
890	Neurochemical substrates of the rewarding effects of MDMA: implications for the development of pharmacotherapies to MDMA dependence. 2016 , 27, 116-32	7
889	Neuroscience of aesthetics. 2016 , 1369, 172-94	102
888	Epigenetic mechanisms and associated brain circuits in the regulation of positive emotions: A role for transposable elements. 2016 , 524, 2944-54	6
887	Serotonergic modulation of 'waiting impulsivity' is mediated by the impulsivity phenotype in humans. 2016 , 6, e940	11
886	Pilot clinical observations between food and drug seeking derived from fifty cases attending an eating disorder clinic. 2016 , 5, 533-41	9
885	Activation of Glutamatergic Fibers in the Anterior NAc Shell Modulates Reward Activity in the aNAcSh, the Lateral Hypothalamus, and Medial Prefrontal Cortex and Transiently Stops Feeding. 2016 , 36, 12511-12529	16
884	Liking, wanting, and the incentive-sensitization theory of addiction. 2016 , 71, 670-679	571
883	Neural substrates of trait impulsivity, anhedonia, and irritability: Mechanisms of heterotypic comorbidity between externalizing disorders and unipolar depression. 2016 , 28, 1177-1208	42
882	Acquisition and reinstatement of ethanol-induced conditioned place preference in rats: Effects of the cholinesterase inhibitors donepezil and rivastigmine. 2016 , 30, 676-87	6
881	On Cuteness: Unlocking the Parental Brain and Beyond. 2016 , 20, 545-558	129
880	Dopamine signalling adaptations by prolonged high-fat feeding. 2016 , 9, 136-143	15
879	Fuel not fun: Reinterpreting attenuated brain responses to reward in obesity. 2016 , 162, 37-45	71
878	Exploring the concept of homeostasis and considering its implications for economics. 2016 , 126, 125-129	22

877	Reward and Aversion. 2016 , 39, 297-324	110
876	Activational and effort-related aspects of motivation: neural mechanisms and implications for psychopathology. 2016 , 139, 1325-47	182
875	Nutritional and behavioral regulators of choice behavior. 2016 , 9, 61-65	3
874	Modulation of pain, nociception, and analgesia by the brain reward center. 2016 , 338, 81-92	89
873	The neurobiology of social play and its rewarding value in rats. 2016 , 70, 86-105	142
872	25th Annual Computational Neuroscience Meeting: CNS-2016. 2016 , 17 Suppl 1, 54	38
871	To work or not to work: Neural representation of cost and benefit of instrumental action. 2016 , 229, 125-157	8
870	Reduced pain perception in children and adolescents with ADHD is normalized by methylphenidate. 2016 , 10, 24	8
869	Chemogenetic Activation of Melanopsin Retinal Ganglion Cells Induces Signatures of Arousal and/or Anxiety in Mice. 2016 , 26, 2358-63	34
868	Neuroimaging and Violence. 2016 , 39, 579-597	3
867	Circuit Analysis of a Drosophila Dopamine Type 2 Receptor That Supports Anesthesia-Resistant Memory. 2016 , 36, 7936-45	20
866	Do dorsal raphe 5-HT neurons encode "beneficialness"? 2016 , 135, 40-49	44
865	Introduction to Motivational Neuroscience. 2016 , 1-19	78
864	Neuroscience of Reward, Motivation, and Drive. 2016 , 23-35	9
863	Molecular mechanisms underlying alcohol-drinking behaviours. 2016 , 17, 576-91	94
862	Future Targets for Female Sexual Dysfunction. 2016 , 13, 1147-65	14
861	The Basal Ganglia and Hierarchical Control in Voluntary Behavior. 2016 , 513-566	11
860	Neurobiology and principles of addiction and tolerance. 2016 , 44, 693-696	5

859	Song in an Affiliative Context Relates to the Neural Expression of Dopamine- and Neurotensin-Related Genes in Male European Starlings. 2016 , 88, 81-92	10
858	Paradoxical augmented relapse in alcohol-dependent rats during deep-brain stimulation in the nucleus accumbens. 2016 , 6, e840	11
857	Threshold concepts for educating people about human engagement in occupation: The study of human systems that enable occupation. 2016 , 23, 496-509	11
856	"Wanting," "liking," and their relation to consciousness. 2016 , 42, 123-40	28
855	Humor Appreciation Involves Parametric and Synchronized Activity in the Medial Prefrontal Cortex and Hippocampus. 2017 , 27, 5579-5591	6
854	Neurons in the pigeon caudolateral nidopallium differentiate Pavlovian conditioned stimuli but not their associated reward value in a sign-tracking paradigm. 2016 , 6, 35469	5
853	The Nociceptin Receptor as an Emerging Molecular Target for Cocaine Addiction. 2016 , 137, 149-81	12
852	Neuroticism and extraversion moderate neural responses and effective connectivity during appetitive conditioning. 2016 , 37, 2992-3002	12
851	Mesolimbic dopamine signaling in acute and chronic pain: implications for motivation, analgesia, and addiction. 2016 , 157, 1194-1198	117
850	Long-lasting deficits in hedonic and nucleus accumbens reactivity to sweet rewards by sugar overconsumption during adolescence. 2016 , 43, 671-80	25
849	Oxytocin-dependent consolation behavior in rodents. 2016 , 351, 375-8	314
848	The Impact of Mirth-Inducing Ventral Striatal Deep Brain Stimulation on Functional and Effective Connectivity. 2017 , 27, 2183-2194	24
847	Orexin in Rostral Hotspot of Nucleus Accumbens Enhances Sucrose 'Liking' and Intake but Scopolamine in Caudal Shell Shifts 'Liking' Toward 'Disgust' and 'Fear'. 2016 , 41, 2101-11	90
846	Measuring wanting and liking from animals to humans: A systematic review. 2016 , 63, 124-42	125
845	Cognitive enhancers versus addictive psychostimulants: The good and bad side of dopamine on prefrontal cortical circuits. 2016 , 109, 108-18	36
844	Caffeine increases food intake while reducing anxiety-related behaviors. 2016 , 101, 171-7	21
843	Neuronal calcium sensor-1 deletion in the mouse decreases motivation and dopamine release in the nucleus accumbens. 2016 , 301, 213-25	21
842	Architectural Representation of Valence in the Limbic System. 2016 , 41, 1697-715	82

841	Ventral tegmental area dopaminergic lesion-induced depressive phenotype in the rat is reversed by deep brain stimulation of the medial forebrain bundle. 2016 , 299, 132-40	22
840	Evidence for a Caregiving Instinct: Rapid Differentiation of Infant from Adult Vocalizations Using Magnetoencephalography. 2016 , 26, 1309-1321	28
839	Common Brain Mechanisms of Chronic Pain and Addiction. <i>Neuron</i> , 2016 , 89, 11-36	13.9 173
838	Dopamine and anorexia nervosa. 2016 , 60, 26-30	42
837	EEG marker of inhibitory brain activity correlates with resting-state cerebral blood flow in the reward system in major depression. 2016 , 266, 755-764	12
836	Purinergic receptors in psychiatric disorders. 2016 , 104, 212-25	54
835	Contrasting Roles of Dopamine and Noradrenaline in the Motivational Properties of Social Play Behavior in Rats. 2016 , 41, 858-68	54
834	A role for leptin-regulated neurocircuitry in subordination stress. 2017 , 178, 144-150	2
833	Feeding-modulatory effects of mu-opioids in the medial prefrontal cortex: a review of recent findings and comparison to opioid actions in the nucleus accumbens. 2017 , 234, 1439-1449	20
832	Motivation, emotion regulation, and the latent structure of psychopathology: An integrative and convergent historical perspective. 2017 , 119, 108-118	54
831	Diurnal rhythms in psychological reward functioning in healthy young men: 'Wanting', liking, and learning. 2017 , 34, 287-295	17
830	Reward-related ventral striatum activity links polygenic risk for attention-deficit/hyperactivity disorder to problematic alcohol use in young adulthood. 2017 , 2, 180-187	14
829	Investigating the role of anticipatory reward and habit strength in obsessive-compulsive disorder. 2017 , 22, 295-304	23
828	Biological bases of human musicality. 2017 , 28, 235-245	5
827	Cholinergic Interneurons Underlie Spontaneous Dopamine Release in Nucleus Accumbens. 2017 , 37, 2086-2096	27
826	Partial lesion of dopamine neurons of rat substantia nigra impairs conditioned place aversion but spares conditioned place preference. 2017 , 349, 264-277	4
825	Brain fingerprints of olfaction: a novel structural method for assessing olfactory cortical networks in health and disease. 2017 , 7, 42534	39
824	Human orbital and anterior medial prefrontal cortex: Intrinsic connectivity parcellation and functional organization. 2017 , 222, 2941-2960	19

823	The Cognitive Neuroscience of Placebo Effects: Concepts, Predictions, and Physiology. 2017 , 40, 167-188	65
822	The Functional Theory of Counterfactual Thinking: New Evidence, New Challenges, New Insights. 2017 , 1-79	68
821	Weight gain after STN-DBS: The role of reward sensitivity and impulsivity. 2017 , 92, 150-161	22
820	Opposing Roles of Rapid Dopamine Signaling Across the Rostral-Caudal Axis of the Nucleus Accumbens Shell in Drug-Induced Negative Affect. 2017 , 82, 839-846	12
819	The dorsomedial prefrontal cortex mediates the interaction between moral and aesthetic valuation: a TMS study on the beauty-is-good stereotype. 2017 , 12, 707-717	24
818	Neural mechanisms of reward processing associated with depression-related personality traits. 2017 , 128, 1184-1196	22
817	Is there a role for ghrelin in central dopaminergic systems? Focus on nigrostriatal and mesocorticolimbic pathways. 2017 , 73, 255-275	26
816	The Affective Core of Emotion: Linking Pleasure, Subjective Well-Being, and Optimal Metastability in the Brain. 2017 , 9, 191-199	100
815	The "highs and lows" of the human brain on dopaminergics: Evidence from neuropharmacology. 2017 , 80, 351-371	15
814	Flow. 2017 , 31, 65-71	1
813	Collateralization of projections from the paraventricular nucleus of the thalamus to the nucleus accumbens, bed nucleus of the stria terminalis, and central nucleus of the amygdala. 2017 , 222, 3927-3943	63
812	Brain on Fire: Incentive Salience, Hedonic Hot Spots, Dopamine, Obesity, and Other Hunger Games. 2017 , 37, 183-205	25
811	Wanting and Liking: Components of Situated Motivation Constructs?. 2017 , 11, 99-108	2
810	Topiramate-associated sexual dysfunction: A systematic review. 2017 , 73, 10-17	15
809	Increased dopamine receptor expression and anti-depressant response following deep brain stimulation of the medial forebrain bundle. 2017 , 217, 80-88	27
808	Naltrexone moderates the relationship between cue-induced craving and subjective response to methamphetamine in individuals with methamphetamine use disorder. 2017 , 234, 1997-2007	16
807	Algorithms for survival: a comparative perspective on emotions. 2017 , 18, 311-319	66
806	Neural underpinnings of prosexual effects induced by gamma-hydroxybutyrate in healthy male humans. 2017 , 27, 372-382	13

805	Binge ethanol drinking during adolescence modifies cocaine responses in mice. 2017 , 31, 86-95	6
804	Abnormal neural responses to feedback in depressed adolescents. 2017 , 126, 19-31	49
803	The importance of the hypothalamo-pituitary-adrenal axis as a therapeutic target in anorexia nervosa. 2017 , 171, 13-20	13
802	Brain Activity Unique to Orgasm in Women: An fMRI Analysis. 2017 , 14, 1380-1391	25
801	Using the research domain criteria (RDoC) to conceptualize impulsivity and compulsivity in relation to addiction. 2017 , 235, 177-218	31
800	Opioid and orexin hedonic hotspots in rat orbitofrontal cortex and insula. 2017 , 114, E9125-E9134	108
799	Obesity is associated with altered mid-insula functional connectivity to limbic regions underlying appetitive responses to foods. 2017 , 31, 1475-1484	24
798	Cognitive appraisal of environmental stimuli induces emotion-like states in fish. 2017 , 7, 13181	27
797	Wanting, liking and welfare: The role of affective states in proximate control of behaviour in vertebrates. 2017 , 123, 689-704	25
796	Prosocial deficits in behavioral variant frontotemporal dementia relate to reward network atrophy. 2017 , 7, e00807	20
795	Behavioural, Cognitive and Neuronal Changes in the Acquisition of Tool Use. 2017 , 169-185	1
794	Electrocortical components of anticipation and consumption in a monetary incentive delay task. 2017 , 54, 1686-1705	17
793	Central insulin modulates food valuation via mesolimbic pathways. 2017 , 8, 16052	45
792	The dynamics of resting fluctuations in the brain: metastability and its dynamical cortical core. 2017 , 7, 3095	175
791	Somatostatin Neurons in the Basal Forebrain Promote High-Calorie Food Intake. 2017 , 20, 112-123	27
790	Exercise is an effective treatment for positive valence symptoms in major depression. 2017 , 209, 188-194	30
789	Neural correlates of appetitive extinction in humans. 2017 , 12, 106-115	17
788	Factors influencing the reinforcing value of fruit and unhealthy snacks. 2017 , 56, 2589-2598	6

787	Excitation of lateral habenula neurons as a neural mechanism underlying ethanol-induced conditioned taste aversion. 2017 , 595, 1393-1412	19
786	Metabolic activation of amygdala, lateral septum and accumbens circuits during food anticipatory behavior. 2017 , 316, 261-270	12
785	Vulnerability to Depression in Youth: Advances from Affective Neuroscience. 2017 , 2, 28-37	41
784	How the Brain Wants What the Body Needs: The Neural Basis of Positive Alliesthesia. 2017 , 42, 822-830	16
783	The neural basis of responsive caregiving behaviour: Investigating temporal dynamics within the parental brain. 2017 , 325, 105-116	28
782	The impact of a junk-food diet during development on 'wanting' and 'liking'. 2017 , 317, 163-178	11
781	Disrupted reward circuits is associated with cognitive deficits and depression severity in major depressive disorder. 2017 , 84, 9-17	46
780	Nucleus Accumbens Dopamine Signaling Regulates Sexual Preference for Females in Male Mice. 2017 , 21, 3079-3088	31
779	Orbitofrontal cortex mediates pain inhibition by monetary reward. 2017 , 12, 651-661	39
778	Binge Eating Disorder and Substance Use Disorder: A Case for Food Addiction. 2017 , 62, 370-376	5
777	Incentive Motivation and Incentive Salience. 2017 ,	0
776	Constituents of Music and Visual-Art Related Pleasure - A Critical Integrative Literature Review. 2017 , 8, 1218	10
775	Motivational Objects in Natural Scenes (MONS): A Database of >800 Objects. 2017 , 8, 1669	2
774	A Neurodynamic Perspective on Musical Enjoyment: The Role of Emotional Granularity. 2017 , 8, 2187	6
773	How Accurate Appraisal of Behavioral Costs and Benefits Guides Adaptive Pain Coping. 2017 , 8, 103	4
772	Neural and Molecular Mechanisms Involved in Controlling the Quality of Feeding Behavior: Diet Selection and Feeding Patterns. 2017 , 9,	13
771	Functional Sub-Circuits of the Olfactory System Viewed from the Olfactory Bulb and the Olfactory Tubercle. 2017 , 11, 33	17
770	Reward Network Immediate Early Gene Expression in Mood Disorders. 2017 , 11, 77	20

769	Memory Performance for Everyday Motivational and Neutral Objects Is Dissociable from Attention. 2017 , 11, 121	5
768	Commentary: Neural substrates of embodied natural beauty and social endowed beauty: An fMRI study. 2017 , 11, 596	3
767	Mediating Role of the Reward Network in the Relationship between the Dopamine Multilocus Genetic Profile and Depression. 2017 , 10, 292	7
766	Beauty is truth: Multi-sensory input and the challenge of designing aesthetically pleasing digital resources. 2017 , 32, ii135-ii150	2
765	An acute bout of housework activities has beneficial effects on executive function. 2018 , 14, 61-72	7
764	Love as a Modulator of Pain. 2017 , 24, 5-14	
763	Role of Basal Forebrain in Nicotine Alcohol Co-abuse. 2017 , 307-317	
762	Co-localization patterns of neurotensin receptor 1 and tyrosine hydroxylase in brain regions involved in motivation and social behavior in male European starlings. 2018 , 89, 1-10	5
761	What is mood? A computational perspective. 2018 , 48, 2277-2284	72
760	The Sniffing Effect: Olfactory Sensitivity and Olfactory Imagery in Advertising. 2018 , 47, 97-111	12
759	The Function of Emotions. 2018 ,	10
758	The Functional and Dysfunctional Aspects of Happiness: Cognitive, Physiological, Behavioral, and Health Considerations. 2018 , 195-220	0
757	Food additives, food and the concept of 'food addiction': Is stimulation of the brain reward circuit by food sufficient to trigger addiction?. 2018 , 25, 263-276	37
756	Overrated hedonic judgment of odors in patients with schizophrenia. 2018 , 24, 1156-1162	12
755	Sex differences in the neural underpinnings of social and monetary incentive processing during adolescence. 2018 , 18, 296-312	19
754	Can live music therapy reduce distress and pain in children with burns after wound care procedures? A randomized controlled trial. 2018 , 44, 823-833	11
753	Neuromodulation for the treatment of eating disorders and obesity. 2018 , 8, 73-92	26
752	Human Striatal Response to Reward Anticipation Linked to Hippocampal Glutamate Levels. 2018 , 21, 623-630	7

751	Anterior insular volume decrease is associated with dysfunction of the reward system in patients with chronic pain. 2018 , 22, 1170-1179	9
750	Art is not special: an assault on the last lines of defense against the naturalization of the human mind. 2018 , 29, 699-702	16
749	Subcortical association with memory performance in schizophrenia: a structural magnetic resonance imaging study. 2018 , 8, 20	23
748	Amphetamine primes enhanced motivation toward uncertain choices in rats with genetic alcohol preference. 2018 , 235, 1361-1370	4
747	Role of subcortical structures on cognitive and social function in schizophrenia. 2018 , 8, 1183	43
746	Tongue protrusions modify the syntax of skilled reaching for food by the mouse: Evidence for flexibility in action selection and shared hand/mouth central modulation of action. 2018 , 341, 37-44	3
745	Glucose Modulates Human Ventral Tegmental Activity in Response to Sexual Stimuli. 2018 , 15, 20-28	4
744	Nucleus accumbens mu opioid receptors regulate context-specific social preferences in the juvenile rat. 2018 , 89, 59-68	16
743	The neuropsychology of consumer behavior and marketing. 2018 , 1, 22-40	28
742	Nucleus Accumbens Subnuclei Regulate Motivated Behavior via Direct Inhibition and Disinhibition of VTA Dopamine Subpopulations. <i>Neuron</i> , 2018 , 97, 434-449.e4	13.9 164
741	Modality general and modality specific coding of hedonic valence. 2018 , 19, 91-97	21
740	Evolutionary Mismatch, Emotional Homeostasis, and "Emotional Addiction" A Unifying Model of Psychological Dysfunction. 2018 , 4, 428-442	3
739	Hedonic Hotspots, Hedonic Potholes: Vedanā Revisited. 2018 , 19, 7-30	2
738	Biopsychological Aspects of Motivation. 2018 , 407-451	1
737	The High-Order and Conscious Emotion: Assessing the Foundations, Contributions, and Implications of LeDoux's Model of Conscious and Cognitive Emotion. 2018 , 60, 8-17	1
736	Toward an Empirical Multidimensional Structure of Anhedonia, Reward Sensitivity, and Positive Emotionality: An Exploratory Factor Analytic Study. 2018 , 25, 679-690	16
735	"So Happy I Could Shout!" and "So Happy I Could Cry!" Dimorphous expressions represent and communicate motivational aspects of positive emotions. 2018 , 32, 286-302	7
734	Corticolimbic circuitry in the modulation of chronic pain and substance abuse. 2018 , 87, 263-268	10

733	Addiction research and theory: a commentary on the Surgeon General's Report on alcohol, drugs, and health. 2018 , 23, 3-5	7
732	Brain and Emotion. 2018 , 10, 79-86	4
731	Effects of positive emotion, extraversion, and dopamine on cognitive stability-flexibility and frontal EEG asymmetry. 2018 , 55, e12727	19
730	When and Where Learning is Taking Place: Multisynaptic Changes in Strength During Different Behaviors Related to the Acquisition of an Operant Conditioning Task by Behaving Rats. 2018 , 28, 1011-1023	5
729	Prefrontal cortical thinning links to negative symptoms in schizophrenia via the ENIGMA consortium. 2018 , 48, 82-94	66
728	Low Striatal Dopamine D2-type Receptor Availability is Linked to Simulated Drug Choice in Methamphetamine Users. 2018 , 43, 751-760	10
727	The anatomy of apathy: A neurocognitive framework for amotivated behaviour. 2018 , 118, 54-67	132
726	Characterizing ingestive behavior through licking microstructure: Underlying neurobiology and its use in the study of obesity in animal models. 2018 , 64, 38-47	27
725	Cannabis Dampens the Effects of Music in Brain Regions Sensitive to Reward and Emotion. 2018 , 21, 21-32	28
724	Dopaminergic tone does not influence pain levels during placebo interventions in patients with chronic neuropathic pain. 2018 , 159, 261-272	16
723	Anhedonia Following Early-Life Adversity Involves Aberrant Interaction of Reward and Anxiety Circuits and Is Reversed by Partial Silencing of Amygdala Corticotropin-Releasing Hormone Gene. 2018 , 83, 137-147	85
722	Subliminal and supraliminal processing of reward-related stimuli in anorexia nervosa. 2018 , 48, 790-800	21
721	The pathophysiological mechanisms of motivational deficits in Parkinson's disease. 2018 , 81, 138-152	7
720	Neural Correlates of Drug-Biased Choice in Currently Using and Abstinent Individuals With Cocaine Use Disorder. 2018 , 3, 485-494	13
719	Strength, Affect Regulation, and Subcortical Morphology in Military Pilots. 2018 , 50, 722-728	1
718	Estradiol and the control of feeding behavior. 2018 , 133, 44-52	15
717	Amylin - Its role in the homeostatic and hedonic control of eating and recent developments of amylin analogs to treat obesity. 2018 , 8, 203-210	55
716	Presynaptic β -adrenoceptor modulates glutamatergic synaptic transmission in rat nucleus accumbens in vitro. 2018 , 665, 117-122	3

715	The neuroscience of morality and social decision-making. 2018 , 24, 279-295	37
714	Robust age, but limited sex, differences in mu-opioid receptors in the rat brain: relevance for reward and drug-seeking behaviors in juveniles. 2018 , 223, 475-488	16
713	Higher and Lower Pleasures Revisited: Evidence from Neuroscience. 2018 , 11, 211-215	1
712	Cortical Responses to Alien Odors in Newborns: An fNIRS Study. 2018 , 28, 3229-3240	19
711	The risk for problematic opioid use in chronic pain: What can we learn from studies of pain and reward?. 2018 , 87, 255-262	14
710	A very light lunch: Interoceptive deficits and food aversion at onset in a case of behavioral variant frontotemporal dementia. 2018 , 10, 750-754	6
709	Nucleus Accumbens Modulation in Reward and Aversion. 2018 , 83, 119-129	32
708	Parsing the Role of Mesolimbic Dopamine in Specific Aspects of Motivation: Behavioral Activation, Invigoration, and Effort-Based Decision Making. 2018 , 5, 129-167	2
707	The Food and Drug Addiction Epidemic: Targeting Dopamine Homeostasis. 2018 , 23, 6050-6061	29
706	The Neural Mechanism Underlying Cognitive and Emotional Processes in Creativity. 2018 , 9, 1924	23
705	Sugar Addiction: From Evolution to Revolution. 2018 , 9, 545	42
704	Music Affects Rodents: A Systematic Review of Experimental Research. 2018 , 12, 301	12
703	Gender-related differences in cue-elicited cravings in Internet gaming disorder: The effects of deprivation. 2018 , 7, 953-964	30
702	Dynamics of pleasure-displeasure at the limit of exercise tolerance: conceptualizing the sense of exertional physical fatigue as an affective response. 2019 , 222,	17
701	Modulation of Feeding and Associated Behaviors by Lateral Hypothalamic Circuits. 2018 , 159, 3631-3642	18
700	Whole-Brain Multimodal Neuroimaging Model Using Serotonin Receptor Maps Explains Non-linear Functional Effects of LSD. 2018 , 28, 3065-3074.e6	69
699	Dynamics and Functional Role of Dopaminergic Neurons in the Ventral Tegmental Area during Itch Processing. 2018 , 38, 9856-9869	21
698	Gender-related differences in neural responses to gaming cues before and after gaming: implications for gender-specific vulnerabilities to Internet gaming disorder. 2018 , 13, 1203-1214	54

697	Effects of Transcranial Direct Current Stimulation on Psychophysiological Responses to Maximal Incremental Exercise Test in Recreational Endurance Runners. 2018 , 9, 1867	9
696	Emotional visual stimuli affect the evaluation of tactile stimuli presented on the arms but not the related electrodermal responses. 2018 , 236, 3391-3403	2
695	Diminished positive affect and traumatic stress: A biobehavioral review and commentary on trauma affective neuroscience. 2018 , 9, 214-230	14
694	The Neurochemistry of Social Play Behaviour in Rats. 30-48	1
693	A New Method for Studying Licking Behavior Determinants in Rodents: Application to Diet-Induced Obese Mice. 2018 , 26, 1905-1914	3
692	Frontostriatal pathways gate processing of behaviorally relevant reward dimensions. 2018 , 16, e2005722	7
691	Affective Eye Contact: An Integrative Review. 2018 , 9, 1587	51
690	Functional development of olfactory tubercle domains during weaning period in mice. 2018 , 8, 13204	7
689	Evolving Concepts of Emotion and Motivation. 2018 , 9, 1647	96
688	Neural Deletion of Glucose Transporter Isoform 3 Creates Distinct Postnatal and Adult Neurobehavioral Phenotypes. 2018 , 38, 9579-9599	12
687	Helping Parents Make Sense of Video Game Addiction. 2018 , 59-69	2
686	The Psychopharmacology of Effort-Related Decision Making: Dopamine, Adenosine, and Insights into the Neurochemistry of Motivation. 2018 , 70, 747-762	44
685	Distinct Functional Microcircuits in the Nucleus Accumbens Underlying Goal-Directed Decision-Making. 2018 , 199-219	2
684	Opioid-Independent and Opioid-Mediated Modes of Pain Modulation. 2018 , 38, 9047-9058	19
683	The Experience of Pleasure: A Perspective Between Neuroscience and Psychoanalysis. 2018 , 12, 359	18
682	Efavirenz exposure, alone and in combination with known drugs of abuse, engenders addictive-like bio-behavioural changes in rats. 2018 , 8, 12837	6
681	Disrupted reward and cognitive control networks contribute to anhedonia in depression. 2018 , 103, 61-68	13
680	Consummatory successive negative contrast in rats: Assessment through orofacial taste reactivity responses. 2018 , 63, 98-104	6

679	Striatal dopamine regulates systemic glucose metabolism in humans and mice. 2018 , 10,	50
678	Win for your kin: Neural responses to personal and vicarious rewards when mothers win for their adolescent children. 2018 , 13, e0198663	5
677	Neuroscience of apathy and anhedonia: a transdiagnostic approach. 2018 , 19, 470-484	184
676	Sweet taste potentiates the reinforcing effects of e-cigarettes. 2018 , 28, 1089-1102	14
675	Study Protocol: Using Deep-Brain Stimulation, Multimodal Neuroimaging and Neuroethics to Understand and Treat Severe Enduring Anorexia Nervosa. 2018 , 9, 24	12
674	Application of Gamification to Blended Learning in Elementary Math Instructional Design. 2018 , 93-104	3
673	Molecular role of dopamine in anhedonia linked to reward deficiency syndrome (RDS) and anti-reward systems. 2018 , 10, 309-325	78
672	Emotional State and Motivation Interactions: Ultrasonic Vocalizations During Incentive Contrast and Free Choice Paradigms. 2018 , 25, 267-277	
671	Hungry brains: A meta-analytical review of brain activation imaging studies on food perception and appetite in obese individuals. 2018 , 94, 271-285	52
670	Norepinephrine in the Medial Pre-frontal Cortex Supports Accumbens Shell Responses to a Novel Palatable Food in Food-Restricted Mice Only. 2018 , 12, 7	5
669	Biopsychologische Aspekte der Motivation. 2018 , 297-329	0
668	Deficits in mesolimbic reward pathway underlie social interaction impairments in children with autism. 2018 , 141, 2795-2805	44
667	Understanding Resilience and Preventing and Treating PTSD. 2018 , 26, 158-174	49
666	Video Game Influences on Aggression, Cognition, and Attention. 2018 ,	2
665	Transforming Sensory Cues into Aversive Emotion via Septal-Habenular Pathway. <i>Neuron</i> , 2018 , 99, 1016-1028, e5	1028, e5
664	Music, dance, and other art forms: New insights into the links between hedonia (pleasure) and eudaimonia (well-being). 2018 , 237, 129-152	7
663	Eating as a motivated behavior: modulatory effect of high fat diets on energy homeostasis, reward processing and neuroinflammation. 2018 , 13, 673-686	7
662	Social interaction recruits mentalizing and reward systems in middle childhood. 2018 , 39, 3928-3942	20

- 661 L'Éducation thérapeutique du patient comme soutien de la motivation. **2018**, 12, 295-302 2
- 660 Neuropsychopharmacological aesthetics: A theoretical consideration of pharmacological approaches to causative brain study in aesthetics and art. **2018**, 237, 343-372 9
- 659 Pain Inhibits Pain: an Ascending-Descending Pain Modulation Pathway Linking Mesolimbic and Classical Descending Mechanisms. **2019**, 56, 1000-1013 19
- 658 Sparking interest in restaurant dishes? Cognitive and affective processes underlying dish design and ecological origin. An fMRI study. **2019**, 200, 116-129 7
- 657 Pituitary adenylate cyclase-activating polypeptide (PACAP) acts in the nucleus accumbens to reduce hedonic drive. **2019**, 43, 928-932 13
- 656 Brain plasticity in pregnancy and the postpartum period: links to maternal caregiving and mental health. **2019**, 22, 289-299 63
- 655 Wanting without enjoying: The social value of sharing experiences. **2019**, 14, e0215318 10
- 654 Incentive Conditioning. **2019**, 109-117
- 653 The effect of sexual arousal and emotional arousal on working memory. **2019**, 6, 1645260 0
- 652 Re-examining the role of ventral tegmental area dopaminergic neurons in motor activity and reinforcement by chemogenetic and optogenetic manipulation in mice. **2019**, 34, 1421-1430 7
- 651 Differential rewarding effects of electrical stimulation of the lateral hypothalamus and parabrachial complex: Functional characterization and the relevance of opioid systems and dopamine. **2019**, 33, 1475-1490
- 650 Revisiting the brain activity associated with innocuous and noxious cold exposure. **2019**, 104, 197-208 3
- 649 Translational approach to apathy-like behavior in mice: From the practical point of view. **2019**, 73, 685-689 2
- 648 Neuroscience in Psychology. **2019**, 63-87
- 647 More of me! Less of me!: Reflexive Imperativism about Affective Phenomenal Character. **2019**, 128, 1013-1044 7
- 646 Weight Loss in Women Taking Flibanserin for Hypoactive Sexual Desire Disorder (HSDD): Insights Into Potential Mechanisms. **2019**, 7, 575-586 2
- 645 The Bivalent Rewarding and Aversive properties of Tetrahydrocannabinol are Mediated Through Dissociable Opioid Receptor Substrates and Neuronal Modulation Mechanisms in Distinct Striatal Sub-Regions. **2019**, 9, 9760 13
- 644 Music and Language in Social Interaction: Synchrony, Antiphony, and Functional Origins. **2019**, 10, 1514 5

643	Neural Processing of Disorder-Related Stimuli in Patients with Anorexia Nervosa: A Narrative Review of Brain Imaging Studies. 2019 , 8,	17
642	Could the link between drug addiction in adulthood and substance use in adolescence result from a blurring of the boundaries between incentive and hedonic processes?. 2019 , 10, 33-46	
641	Experiences of Discrimination and Sexual Behaviors: An Examination of Motives as Potential Psychological Mediators. 2019 , 31, 115-130	
640	Affective biases and their interaction with other reward-related deficits in rodent models of psychiatric disorders. 2019 , 372, 112051	5
639	Hypothalamic neuronal circuits regulating hunger-induced taste modification. 2019 , 10, 4560	19
638	A Neurobehavioral Approach to Addiction: Implications for the Opioid Epidemic and the Psychology of Addiction. 2019 , 20, 96-127	24
637	Developing neuroscience-based treatments for alcohol addiction: A matter of choice?. 2019 , 9, 255	37
636	What Is so Positive about Positive Animal Welfare?-A Critical Review of the Literature. 2019 , 9,	33
635	Meta-analysis of reward processing in major depressive disorder reveals distinct abnormalities within the reward circuit. 2019 , 9, 293	56
634	Uncertainty and Surprise Jointly Predict Musical Pleasure and Amygdala, Hippocampus, and Auditory Cortex Activity. 2019 , 29, 4084-4092.e4	57
633	Reward anticipation in individuals with subclinical psychotic experiences: A functional MRI approach. 2019 , 29, 1374-1385	
632	Preface. 2019 , xiii-xvi	
631	Contents of the Mind. 2019 , 32-38	
630	What Are the Causes of Unhealthy Behavior?. 2019 , 39-50	
629	Psychological Hedonism and Its Problems. 2019 , 53-60	
628	Reformulating Psychological Hedonism. 2019 , 61-66	
627	Pleasure, Displeasure, and Affective Valence. 2019 , 67-77	
626	Hedonic Response. 2019 , 78-83	

625 Reward, Incentive Salience, and Hedonic Motivation. **2019**, 92-108

624 Hedonic Motivation versus Reflective Motivation. **2019**, 118-130

623 From Hedonic Motivation to Unhealthy Behavior. **2019**, 131-138

622 The Theory of Hedonic Motivation. **2019**, 139-146

o

621 Neo-Darwinism. **2019**, 152-158

620 The Evolutionary Function of Psychological Hedonism. **2019**, 159-168

619 The Phylogenetic Development of Psychological Hedonism. **2019**, 169-186

618 Motivational Mismatch. **2019**, 189-193

617 Darwinian Hedonism and Unhealthy Behavior. **2019**, 194-198

616 Darwinian Hedonism and Hedonic Desire for Calorie-Dense Foods. **2019**, 199-218

615 Darwinian Hedonism and Hedonic Dread of Physical Activity. **2019**, 219-237

614 Darwinian Hedonism and Hedonic Desire for Smoking, Drinking, and Drug Use. **2019**, 238-254

613 Health Behavior Interventions. **2019**, 255-260

612 Darwinian Hedonism and Health-Behavior Policy. **2019**, 261-272

611 Conclusions and Future Directions. **2019**, 284-294

610 Hedonic Motivation and Other Motivation Concepts. **2019**, 295-305

609 Anticipating Criticisms of Darwinian Hedonism. **2019**, 306-317

608 Endnotes. **2019**, 318-326

607 Index. **2019**, 358-360

606 Evidence for incentive salience sensitization as a pathway to alcohol use disorder. **2019**, 107, 897-926 26

605 Sources of Hedonic Response. **2019**, 84-91

604 Darwinian Hedonism. **2019**, 149-151

603 Why would Parkinson's disease lead to sudden changes in creativity, motivation, or style with visual art?: A review of case evidence and new neurobiological, contextual, and genetic hypotheses. **2019**, 100, 129-165 9

602 The Sphere Model of Consciousness: From Geometrical to Neuro-Psycho-Educational Perspectives. **2019**, 13, 395-415 12

601 Parkinson's disease and changes in the appreciation of art: A comparison of aesthetic and formal evaluations of paintings between PD patients and healthy controls. **2019**, 136, 103597 6

600 Urban Architecture: A Cognitive Neuroscience Perspective. **2019**, 22, 853-872 6

599 Anhedonia as a key clinical feature in the maintenance and treatment of opioid use disorder. **2019**, 7, 1190-1206 20

598 Reduced mu opioid receptor availability in schizophrenia revealed with [C]-carfentanil positron emission tomographic Imaging. **2019**, 10, 4493 19

597 The maternal brain: Neural responses to infants in mothers with and without mood disorder. **2019**, 107, 196-207 17

596 Porous tal palm carbon nanosheets: preparation, characterization and application for the simultaneous determination of dopamine and uric acid. **2019**, 1, 613-626 48

595 Dopamine modulates the reward experiences elicited by music. **2019**, 116, 3793-3798 88

594 Quantifying Sweet Taste Liker Phenotypes: Time for Some Consistency in the Classification Criteria. **2019**, 11, 31

593 Can they Feel? The Capacity for Pain and Pleasure in Patients with Cognitive Motor Dissociation. **2019**, 12, 153-169 7

592 Effects of chronic cocaine exposure on the circadian rhythmic expression of the clock genes in reward-related brain areas in rats. **2019**, 363, 61-69 11

591 Affective valence in the brain: modules or modes?. **2019**, 20, 225-234 60

590 Physiological feelings. **2019**, 103, 267-304 64

589	Do food cinemagraphs evoke stronger appetitive responses than stills?. 2019 , 4, 63-83	4
588	Topography of Reward and Aversion Encoding in the Mesolimbic Dopaminergic System. 2019 , 39, 6472-6481	26
587	Examining neural reactivity to gambling cues in the age of online betting. 2019 , 6, 59-71	9
586	The structure of non-human cognitive neuroscience: an epistemological critique. 2019 , 30, 881-888	
585	Masturbatory Behavior in a Population Sample of German Women. 2019 , 16, 963-974	10
584	Parvalbumin Interneurons Determine Emotional Valence Through Modulating Accumbal Output Pathways. 2019 , 13, 110	6
583	The ventral pallidum as a critical region for fatty acid amide hydrolase inhibition of nausea-induced conditioned gaping in male Sprague-Dawley rats. 2019 , 155, 142-149	5
582	A place for emotions in behavior systems research. 2019 , 166, 103881	12
581	Introduction. 2019 , 1-10	
580	The Epidemic of Unhealthy Behavior. 2019 , 13-17	
579	Understanding the Causes of Behavior. 2019 , 18-26	
578	A Causal Chain of Behavior. 2019 , 27-31	
577	Investigation on the effect of noisy galvanic vestibular stimulation on fine motor skills during a visuomotor task in healthy participants. 2019 , 14, e0216214	4
576	Ultrafast optical clearing method for three-dimensional imaging with cellular resolution. 2019 , 116, 11480-11488	9
575	Ginseng treatment improves the sexual side effects of methadone maintenance treatment. 2019 , 276, 142-150	13
574	Addiction, Responsibility, and Neuroscience. 2019 ,	1
573	A dyad shows mutual changes during social buffering of conditioned fear responses in male rats. 2019 , 366, 45-55	9
572	The role of hedonics in the Human Affectome. 2019 , 102, 221-241	18

571	Neural Correlates of Preference: A Transmodal Validation Study. 2019 , 13, 73	0
570	A Model for Basic Emotions Using Observations of Behavior in. 2019 , 10, 781	34
569	Competitive ability during mate competition relates to unique patterns of dopamine-related gene expression in the social decision-making network of male zebra finches. 2019 , 706, 30-35	2
568	Endogenous opioid modulation of food intake and body weight: Implications for opioid influences upon motivation and addiction. 2019 , 116, 42-62	16
567	Self-Control in Cyberspace. 2019 ,	31
566	Process-based framework for precise neuromodulation. 2019 , 3, 436-445	35
565	Aesthetic Appreciation: The View From Neuroimaging. 2019 , 37, 220-248	25
564	Sketching the Power of Machine Learning to Decrypt a Neural Systems Model of Behavior. 2019 , 9,	2
563	The Heterogeneity of Empathy: Possible Treatment for Anhedonia?. 2019 , 10, 185	
562	Distinct representations of basic taste qualities in human gustatory cortex. 2019 , 10, 1048	36
561	Mesolimbic white matter connectivity mediates the preference for sweet food. 2019 , 9, 4349	4
560	Ayres Theories of Autism and Sensory Integration Revisited: What Contemporary Neuroscience Has to Say. 2019 , 9,	20
559	Kappa Opioid Receptors Drive a Tonic Aversive Component of Chronic Pain. 2019 , 39, 4162-4178	53
558	The orbitofrontal cortex modulates parenting stress in the maternal brain. 2019 , 9, 1658	14
557	Motor Synchronization to Rhythmic Auditory Stimulation (RAS) Attenuates Dopaminergic Responses in Ventral Striatum in Young Healthy Adults: [C]-(+)-PHNO PET Study. 2019 , 13, 106	10
556	Fronto-striatal activity predicts anhedonia and positive empathy subtypes. 2019 , 13, 1554-1565	2
555	A Temperament-Attachment-Mentalization-Based (TAM) Theory of Personality and Its Disorders. 2019 , 10, 518	12
554	Art and Psychological Well-Being: Linking the Brain to the Aesthetic Emotion. 2019 , 10, 739	17

553	Ventromedial prefrontal cortex is involved in preference and hedonic evaluation of tastes. 2019 , 367, 149-157	1
552	The role of the opioid system in decision making and cognitive control: A review. 2019 , 19, 435-458	36
551	Excessive Consumption of Sugar: an Insatiable Drive for Reward. 2019 , 8, 120-128	19
550	Sweet and bitter taste stimuli activate VTA projection neurons in the parabrachial nucleus. 2019 , 1714, 99-110	8
549	Musical reward prediction errors engage the nucleus accumbens and motivate learning. 2019 , 116, 3310-3315	44
548	Oxytocin Receptors Are Expressed by Glutamatergic Prefrontal Cortical Neurons That Selectively Modulate Social Recognition. 2019 , 39, 3249-3263	39
547	References. 2019 , 161-183	
546	Anhedonia in Depression: Mechanisms, Assessment, and Therapeutics. 2019 , 31-41	2
545	Distinct Subsets of Lateral Hypothalamic Neurotensin Neurons are Activated by Leptin or Dehydration. 2019 , 9, 1873	17
544	The Neurobiology of Sensory Valuation. 2019 ,	5
543	Existential Habit. 2019 , 6, 55-78	
542	Emotion in the Mind and Body. 2019 ,	2
541	Sucrose intake lowers Ebpioid and dopamine D2/3 receptor availability in porcine brain. 2019 , 9, 16918	13
540	Augmentation of Positive Valence System-Focused Cognitive Behavioral Therapy by Inaudible High-Frequency Sounds for Anhedonia: A Trial Protocol for a Pilot Study. 2019 , 2, e1915819	1
539	Functional neural changes and altered cortical-subcortical connectivity associated with recovery from Internet gaming disorder. 2019 , 8, 692-702	10
538	Systematically testing the effects of promotion techniques on children's fruit and vegetables intake on the long term: a protocol study of a multicenter randomized controlled trial. 2019 , 19, 1578	0
537	The Behavioral Biology of Teams: Multidisciplinary Contributions to Social Dynamics in Isolated, Confined, and Extreme Environments. 2019 , 10, 2571	13
536	Expression and co-expression of serotonin and dopamine transporters in social anxiety disorder: a multitracer positron emission tomography study. 2021 , 26, 3970-3979	21

535 Darwinian Hedonism and Political Will. **2019**, 273-283

534 P.329 Anhedonia in major depressive disorder: the role of neurocognitive profiles. **2019**, 29, S235-S236

533 Prolonged ad libitum access to low-concentration sucrose changes the neurochemistry of the nucleus accumbens in male Sprague-Dawley rats. **2019**, 201, 95-103 6

532 Underlying decision making processes on Iowa Gambling Task. **2019**, 39, 63-69 3

531 FoxO1 regulates leptin-induced mood behavior by targeting tyrosine hydroxylase. **2019**, 91, 43-52 3

530 A Neural Circuit Mechanism for Encoding Aversive Stimuli in the Mesolimbic Dopamine System. *Neuron*, **2019**, 101, 133-151.e7 13.9 164

529 Neurochemical Responses to Music. **2019**, 332-363

528 Attributed social context and emotional content recruit frontal and limbic brain regions during virtual feedback processing. **2019**, 19, 239-252 10

527 Neural reward-related reactions to monetary gains for self and charity. **2019**, 19, 845-858 6

526 A Transdiagnostic Approach to Obsessions, Compulsions and Related Phenomena. **2019**, 1-13 1

525 Nucleus Accumbens Drd1-Expressing Neurons Control Aggression Self-Administration and Aggression Seeking in Mice. **2019**, 39, 2482-2496 24

524 The Positive Brain - Resting State Functional Connectivity in Highly Vital and Flourishing Individuals. **2018**, 12, 540 5

523 The emotional brain: Fundamental questions and strategies for future research. **2019**, 693, 68-74 10

522 Neuropeptide Y and representation of salience in human nucleus accumbens. **2019**, 44, 495-502 6

521 What is animal happiness?. **2019**, 1438, 62-76 25

520 The Neuroaesthetics of Music: A Research Agenda Coming of Age. **2019**, 363-390 3

519 Real-Time Accumbal Dopamine Response to Negative Stimuli: Effects of Ethanol. **2019**, 10, 1986-1991 5

518 Disentangling Reward Processing in Trichotillomania: 'Wanting' and 'Liking' Hair Pulling Have Distinct Clinical Correlates. **2019**, 41, 271-279 4

517	Targeting the Oxytocin System: New Pharmacotherapeutic Approaches. 2019 , 40, 22-37	28
516	Ventral pallidal modulation of aversion processing. 2019 , 1713, 62-69	26
515	Gustatory responses in macaque monkeys revealed with fMRI: Comments on taste, taste preference, and internal state. 2019 , 184, 932-942	14
514	Wandering thoughts about consciousness, the brain, and the commentary system of Larry Weiskrantz. 2019 , 128, 266-269	3
513	Opioid and nondopamine reward circuitry and state-dependent mechanisms. 2019 , 1451, 29-41	6
512	Emotions as Regulators of Motivated Behavior. 2020 , 11-25	1
511	Non-pharmacological factors that determine drug use and addiction. 2020 , 110, 3-27	38
510	Assessing Reality Testing in Mice Through Dopamine-Dependent Associatively Evoked Processing of Absent Gustatory Stimuli. 2020 , 46, 54-67	7
509	Blunted endogenous opioid release following an oral dexamphetamine challenge in abstinent alcohol-dependent individuals. 2020 , 25, 1749-1758	12
508	A brief natural history of the orgasm. 2020 , 13, 34-44	1
507	Hippocampal Input to the Nucleus Accumbens Shell Enhances Food Palatability. 2020 , 87, 597-608	8
506	RYGB and flavor-consequence learning. 2020 , 146, 104467	2
505	The Science of Addiction Through the Lens of Opioid Treatment for Chronic Noncancer Pain. 2020 , 21, 57-64	1
504	Emotional Objectivity: Neural Representations of Emotions and Their Interaction with Cognition. 2020 , 71, 25-48	17
503	Medial prefrontal cortex involvement in aesthetic appreciation of paintings: a tDCS study. 2020 , 21, 65-76	6
502	Machine Learning Identifies Large-Scale Reward-Related Activity Modulated by Dopaminergic Enhancement in Major Depression. 2020 , 5, 163-172	8
501	Emotional and Autonomic Processing of Olfactory Stimuli Is Compromised in Patients with a History of Mild Traumatic Brain Injury. 2020 , 37, 125-138	1
500	Stimulation-induced side effects after deep brain stimulation - a systematic review. 2020 , 32, 57-64	14

499	Role of orexinergic receptors in the dentate gyrus of the hippocampus in the acquisition and expression of morphine-induced conditioned place preference in rats. 2020 , 379, 112349	6
498	The Clitoris-An Appraisal of its Reproductive Function During the Fertile Years: Why Was It, and Still Is, Overlooked in Accounts of Female Sexual Arousal. 2020 , 33, 136-145	8
497	Genetic and psychological underpinnings of motivation and satisfaction of industrial salespeople. 2020 , 85, 69-83	3
496	Neuromodulatory and possible anxiolytic-like effects of a spice functional food ingredient in a pig model of psychosocial chronic stress. 2020 , 64, 103599	3
495	Investigating the Effect of Physiological Need States on Palatability and Motivation Using Microstructural Analysis of Licking. 2020 , 447, 155-166	7
494	Neuroanatomical Abnormalities in Older Depressed Adults With Apathy: A Systematic Review. 2020 , 33, 289-303	9
493	Fasting- and ghrelin-induced food intake is regulated by NAMPT in the hypothalamus. 2020 , 228, e13437	10
492	Psychobiology of gambling-related cognitions in gambling disorder. 2020 , 31, 60-68	2
491	Antidepressant effects of ketamine on depression-related phenotypes and dopamine dysfunction in rodent models of stress. 2020 , 379, 112367	27
490	Mapping excessive "disgust" in the brain: Ventral pallidum inactivation recruits distributed circuitry to make sweetness "disgusting". 2020 , 20, 141-159	6
489	Structural and functional brain correlates of altered taste processing in anorexia nervosa: A systematic review. 2020 , 28, 122-140	5
488	Opoid and dopamine-D2 receptor expression in the nucleus accumbens of male Sprague-Dawley rats whose sucrose consumption, but not preference, decreases after nerve injury. 2020 , 381, 112416	6
487	Learning to lose control: A process-based account of behavioral addiction. 2020 , 108, 771-780	20
486	Reverse translation of major depressive disorder symptoms: A framework for the behavioural phenotyping of putative biomarkers. 2020 , 263, 353-366	4
485	Midbrain circuits of novelty processing. 2020 , 176, 107323	8
484	Tracking the Influence of Predictive Cues on the Evaluation of Food Images: Volatility Enables Nudging. 2020 , 11, 569078	1
483	From Architecture to Evolution: Multisensory Evidence of Decentralized Emotion. 2020 , 24, 916-929	7
482	Seeking the "Beauty Center" in the Brain: A Meta-Analysis of fMRI Studies of Beautiful Human Faces and Visual Art. 2020 , 20, 1200-1215	8

481	Systematically lower structural brain connectivity in individuals with elevated food addiction symptoms. 2020 , 155, 104850	11
480	Nucleus accumbens cytoarchitecture predicts weight gain in children. 2020 , 117, 26977-26984	17
479	Insights into the Neurobiology of Craving in Opioid Use Disorder. 2020 , 10, 378-387	1
478	Obesity is associated with reduced orbitofrontal cortex volume: A coordinate-based meta-analysis. 2020 , 28, 102420	6
477	'Liking' and 'wanting' in eating and food reward: Brain mechanisms and clinical implications. 2020 , 227, 113152	43
476	Heightened degree connectivity of the striatum in obsessive-compulsive disorder induced by symptom provocation. 2020 , 276, 1069-1076	1
475	What you want may not be what you like: A test of the aberrant salience hypothesis in schizophrenia risk. 2020 , 20, 873-887	1
474	Assessment of Anhedonia in Adults With and Without Mental Illness: A Systematic Review and Meta-analysis. 2020 , 3, e2013233	15
473	I am happy for us: Neural processing of vicarious joy when winning for parents versus strangers. 2020 , 20, 1309-1322	4
472	Diet containing stearic acid increases food reward-related behaviors in mice compared with oleic acid. 2020 , 164, 45-54	3
471	"Stopping for knowledge": The sense of beauty in the perception-action cycle. 2020 , 118, 723-738	9
470	Effect of short-term intake of high- and low-concentrations of sucrose solution on the neurochemistry of male and female mice. 2020 , 11, 9103-9113	1
469	Amygdalostriatal coupling underpins positive but not negative coloring of ambiguous affect. 2020 , 20, 949-960	3
468	Some Thoughts on Happiness, Well-being, and a Meaningful Life for Academics. 2020 , 137-169	0
467	Understanding the Contribution of Individual Amino Acid Residues in the Binding of Psychoactive Substances to Monoamine Transporters. 2020 , 5, 17223-17231	2
466	Genesis of the Heroin-Induced Addictive Process: Articulation Between Psychodynamic and Neurobiological Theories. 2020 , 11, 524764	1
465	Soft Drink Consumption in Young Mexican Adults Is Associated with Higher Total Body Fat Percentage in Men but Not in Women. 2020 , 9,	1
464	Hypothetical Roles of the Olfactory Tubercle in Odor-Guided Eating Behavior. 2020 , 14, 577880	8

463	Event-Related Potentials (ERP) Indices of Motivation during the Effort Expenditure for Reward Task. 2020 , 10,	4
462	Drug instrumentalization. 2020 , 390, 112672	11
461	The Role of Positive Emotions in Education: A Neuroscience Perspective. 2020 , 14, 220-234	4
460	Phenomenal Consciousness and Emergence: Eliminating the Explanatory Gap. 2020 , 11, 1041	15
459	Valence Encoding Signals in the Human Amygdala and the Willingness to Eat. 2020 , 40, 5264-5272	2
458	Hunger and BMI modulate neural responses to sweet stimuli: fMRI meta-analysis. 2020 , 44, 1636-1652	13
457	Childhood Trauma, Personality, and Substance Use Disorder: The Development of a Neuropsychanalytic Addiction Model. 2020 , 11, 531	2
456	Behavioral and Neural Arguments of Motivational Influence on Decision Making During Uncertainty. 2020 , 14, 583	2
455	Active Recharge Burst and Tonic Spinal Cord Stimulation Engage Different Supraspinal Mechanisms: A Functional Magnetic Resonance Imaging Study in Peripherally Injured Chronic Neuropathic Rats. 2020 , 20, 510-521	10
454	Are Evolutionary Psychology and the Neuroscience of Motivation Compatible?. 2020 , 77-90	0
453	Involvement of the Nucleus Accumbens in Chocolate-induced Cataplexy. 2020 , 10, 4958	4
452	Cypermethrin-induced cortical neurons apoptosis via the Nrf2/ARE signaling pathway. 2020 , 165, 104547	11
451	Morphine-element interactions - The influence of selected chemical elements on neural pathways associated with addiction. 2020 , 60, 126495	6
450	Neural reward related-reactions to monetar gains for self and charity are associated with donating behavior in adolescence. 2020 , 15, 151-163	2
449	On the Nature of the Mother-Infant Tie and Its Interaction With Freudian Drives. 2020 , 11, 317	6
448	Wanting to eat matters: Negative affect and emotional eating were associated with impaired memory suppression of food cues. 2020 , 150, 104660	8
447	An insight-related neural reward signal. 2020 , 214, 116757	15
446	Behavioral and Neurobiological Convergence of Odor, Mood and Emotion: A Review. 2020 , 14, 35	22

445 Are We Designed to Be Happy?. **2020**, 91-96

444 The Power of Smiling: The Adult Brain Networks Underlying Learned Infant Emotionality. **2020**, 30, 2019-2029 8

443 Implicit food odour priming effects on reactivity and inhibitory control towards foods. **2020**, 15, e0228830 5

442 Association between duration of breastfeeding based on maternal reports and dorsal and ventral striatum and medial orbital gyrus volumes in early adolescence. **2020**, 220, 117083 0

441 The insula, a grey matter of tastes: a volumetric MRI study in dementia with Lewy bodies. **2020**, 12, 79 2

440 Ghrelin Receptor Stimulation of the Lateral Parabrachial Nucleus in Rats Increases Food Intake but not Food Motivation. **2020**, 28, 1503-1511 7

439 Effects of naltrexone on alcohol, sucrose, and saccharin binge-like drinking in C57BL/6J mice: a study with a multiple bottle choice procedure. **2020**, 31, 256-271 5

438 Ordinaries. **2020**, 22, 63-76 0

437 A Survey Exploring the Relationship Between Cannabis Use Characteristics and Sexual Function in Men. **2020**, 8, 436-445 4

436 Affective experience in the predictive mind: a review and new integrative account. **2020**, 198, 10847 4

435 The Assessment of Eating Pleasure among Older Adults: Development and Preliminary Validation of the Anticipatory and Consummatory Eating Pleasure (ACEPS). **2020**, 24, 606-613 2

434 Developmental trajectories to reduced activation of positive valence systems: A review of biological and environmental contributions. **2020**, 43, 100791 15

433 The neurobiological reward system in Prolonged Grief Disorder (PGD): A systematic review. **2020**, 303, 111135 12

432 A Farewell to Art: Aesthetics as a Topic in Psychology and Neuroscience. **2020**, 15, 630-642 20

431 Anticipatory Behavior for a Mealworm Reward in Laying Hens Is Reduced by Opioid Receptor Antagonism but Not Standard Feed Intake. **2019**, 13, 290 0

430 A computational perspective on the roles of affect in cognitive control. **2020**, 151, 25-34 11

429 Treatment with low doses of nicotine but not alcohol affects social play reward in rats. **2020**, 9, 39-57 4

428 Reward and empathy in the treating clinician: the neural correlates of successful doctor-patient interactions. **2020**, 10, 17 3

427	Konsumentenverständnis. 2020 ,	1
426	Mapping the interconnected neural systems underlying motivation and emotion: A key step toward understanding the human affectome. 2020 , 113, 204-226	15
425	Disturbance of taste reactivity and other behavioral alterations after bilateral interleukin-1 α microinjection into the cingulate cortex of the rat. 2020 , 383, 112537	
424	Baseline reward processing and ventrostriatal dopamine function are associated with pramipexole response in depression. 2020 , 143, 701-710	25
423	Gratification Phenomena in Infancy: A Report of Twenty-Nine Children. 2020 , 18, 141-143	
422	Using rat ultrasonic vocalization to study the neurobiology of emotion: from basic science to the development of novel therapeutics for affective disorders. 2020 , 60, 192-200	15
421	Experimental evidence for a role of dopamine in avian personality traits. 2020 , 223,	2
420	Theories of compulsive drug use: A brief overview of learning and motivation processes. 2020 , 137-185	
419	Neuroimaging the consciousness of self: Review, and conceptual-methodological framework. 2020 , 112, 164-212	43
418	Deep Brain Stimulation of the Medial Forebrain Bundle in a Rodent Model of Depression: Exploring Dopaminergic Mechanisms with Raclopride and Micro-PET. 2020 , 98, 8-20	6
417	Head and Neck Cancer. 2020 ,	
416	Animal affect and decision-making. 2020 , 112, 144-163	16
415	Impact of Sleep Restriction on Food Intake and Food Choice. 2020 , 217-228	1
414	Conjunctive reward-place coding properties of dorsal distal CA1 hippocampus cells. 2020 , 114, 285-301	11
413	The Effects of Short Sleep Duration and Deprivation on Gustation and Olfaction: Implications for Dietary Intake. 2020 , 183-189	
412	Signals of anticipation of reward and of mean reward rates in the human brain. 2020 , 10, 4287	3
411	Facial EMG Correlates of Subjective Hedonic Responses During Food Consumption. 2020 , 12,	9
410	Human brain connectivity: Clinical applications for clinical neurophysiology. 2020 , 131, 1621-1651	23

409	Pre-clinical models of reward deficiency syndrome: A behavioral octopus. 2020 , 115, 164-188	9
408	GDF15 Induces an Aversive Visceral Malaise State that Drives Anorexia and Weight Loss. 2020 , 31, 107543	26
407	Claims of categorical primacy for musical affect are confounded by using language as a measure. 2020 , 117, 9692-9693	2
406	The nature of beauty: behavior, cognition, and neurobiology. 2021 , 1488, 44-55	6
405	Cognitive response and how it is affected by changes in temperature. 2021 , 49, 399-416	1
404	The abnormal reward network associated with insomnia severity and depression in chronic insomnia disorder. 2021 , 15, 1033-1042	7
403	The sweet side of dark chocolate for chronic kidney disease patients. 2021 , 40, 15-26	4
402	Neuromodulation in Psychiatric disorders: Experimental and Clinical evidence for reward and motivation network Deep Brain Stimulation: Focus on the medial forebrain bundle. 2021 , 53, 89-113	10
401	Using pharmacological manipulations to study the role of dopamine in human reward functioning: A review of studies in healthy adults. 2021 , 120, 123-158	7
400	The Neurobiology of Binge-eating Disorder Compared with Obesity: Implications for Differential Therapeutics. 2021 , 43, 50-69	8
399	The neuroscience of positive emotions and affect: Implications for cultivating happiness and wellbeing. 2021 , 121, 220-249	25
398	Oxycodone in the Opioid Epidemic: High 'Liking', 'Wanting', and Abuse Liability. 2021 , 41, 899-926	11
397	A mu-opioid feedback model of human social behavior. 2021 , 121, 250-258	3
396	Conditioned place preference for cocaine and methylphenidate in female mice from lines selectively bred for high voluntary wheel-running behavior. 2021 , 20, e12700	0
395	Towards the Integration of Social Cognition and Social Motivation in Autism Spectrum Disorder. 2021 , 67-83	0
394	Kappa Opioid Signaling at the Crossroads of Chronic Pain and Opioid Addiction. 2022 , 271, 315-350	2
393	Sociodemographic differences, prevalence, and patterns of energy drink consumption among Jazan university students, Saudi Arabia. 2021 , 11, 45-50	0
392	Neural mechanisms underlying the experience of musical pleasure. 2021 , 29, 123	

391	Mechanisms of weight regain. 2021 , 93, 3-7	8
390	Social norms, cooperation, and punishment: Insights from behavioral sciences. 2021 , 4, 99-130	
389	Alexithymia. 2021 , 183, 47-62	4
388	Neural mechanisms of reward processing in adolescent irritability. 2021 , 63, 1241-1254	5
387	Reason and passion. 2021 , 61-77	
386	References. 2021 , 235-300	
385	The Reward System and Post-Traumatic Stress Disorder: Does Trauma Affect the Way We Interact With Positive Stimuli?. 2021 , 5, 2470547021996006	10
384	Anhedonia correlates with functional connectivity of the nucleus accumbens subregions in patients with major depressive disorder. 2021 , 30, 102599	9
383	Rolling the Dice to Learn in Social Studies. 2021 , 94, 83-89	
382	Life-course effects of early life adversity exposure on eating behavior and metabolism. 2021 , 97, 237-273	1
381	The pleasures of life. 2021 , 79-106	
380	Microbiota-gut-brain axis as a regulator of reward processes. 2021 , 157, 1495-1524	17
379	Revisiting the global workspace orchestrating the hierarchical organization of the human brain. 2021 , 5, 497-511	19
378	Harmonicity and Roughness in the Biology of Tonal Aesthetics. 2021 , 38, 331-334	1
377	The Contribution of Sex to Quality of Life in Modern Societies. 1	1
376	Impact of Gut and Metabolic Hormones on Feeding Reward. 2021 , 11, 1425-1447	0
375	Discovering the Lost Reward: Critical Locations for Endocannabinoid Modulation of the Cortico-Striatal Loop That Are Implicated in Major Depression. 2021 , 22,	3
374	Shifting motivational states: The effects of nucleus accumbens dopamine and opioid receptor activation on a modified effort-based choice task. 2021 , 399, 112999	2

373	Human brain activity reflecting facial attractiveness from skin reflection. 2021 , 11, 3412	1
372	Sexual excitation induces courtship ultrasonic vocalizations and cataplexy-like behavior in orexin neuron-ablated male mice. 2021 , 4, 165	1
371	The neurochemistry of social reward during development: What have we learned from rodent models?. 2021 , 157, 1408-1435	3
370	Structural and functional sex differences in the ventral pallidal vasopressin system are associated with the sex-specific regulation of juvenile social play behavior in rats.	0
369	Unraveling the Temporal Dynamics of Reward Signals in Music-Induced Pleasure with TMS. 2021 , 41, 3889-3899	2
368	Vision-to-value transformations in artificial neural networks and human brain.	1
367	Differential Roles of Positive and Negative Valence Systems in the Development of Post-Traumatic Stress Psychopathology.	1
366	Enjoyment of watching pimple popping videos: An fMRI investigation. 2021 , 402, 113129	2
365	Neurons in the Locus Coeruleus Modulate the Hedonic Effects of Sub-Anesthetic Dose of Propofol. 2021 , 15, 636901	2
364	GLP-1 and hunger modulate incentive motivation depending on insulin sensitivity in humans. 2021 , 45, 101163	4
363	Interactions between methodological and interindividual variability: How Monetary Incentive Delay (MID) task contrast maps vary and impact associations with behavior. 2021 , 11, e02093	3
362	Personality differences in brain network mechanisms for placebo analgesia and nocebo hyperalgesia in experimental pain: a functional magnetic resonance imaging study. 2021 , 9, 371	2
361	Differences in Regional Grey Matter Volume Predict the Extent to which Openness influences Judgments of Beauty and Pleasantness of Interior Architectural Spaces.	
360	Psychoactive Drugs-From Chemical Structure to Oxidative Stress Related to Dopaminergic Neurotransmission. A Review. 2021 , 10,	11
359	Diet Protein Content and Individual Phenotype Affect Food Intake and Protein Appetence in Rats. 2021 , 151, 1311-1319	0
358	Introducing compassion focused psychosexual therapy. 1-33	1
357	The Individual Inclination to an Occupation and its Neuronal Correlate. 2021 , 6,	
356	Sexual Behavior in Modern Societies: An Interdisciplinary Analysis. 2021 , 25, 2075	1

355	Attenuated dopamine signaling after aversive learning is restored by ketamine to rescue escape actions. 2021 , 10,	6
354	Ventral Pallidum GABA Neurons Mediate Motivation Underlying Risky Choice. 2021 , 41, 4500-4513	2
353	Covid-19 and Mental Health: Could Visual Art Exposure Help?. 2021 , 12, 650314	1
352	Uncovering the prevalence and neural substrates of anhedonia in frontotemporal dementia. 2021 , 144, 1551-1564	8
351	Distinct functional and structural connections predict crystallised and fluid cognition in healthy adults. 2021 , 42, 3102-3118	9
350	The Role of Mu-Opioids for Reward and Threat Processing in Humans: Bridging the Gap from Preclinical to Clinical Opioid Drug Studies. 2021 , 8, 306-318	5
349	'Defrosting' music chills with naltrexone: The role of endogenous opioids for the intensity of musical pleasure. 2021 , 90, 103105	2
348	Drosophila reward system - A summary of current knowledge. 2021 , 123, 301-319	2
347	Acting with shared intentions: A systematic review on joint action coordination in Autism Spectrum Disorder. 2021 , 149, 105693	5
346	Deep brain stimulation of the "medial forebrain bundle": a strategy to modulate the reward system and manage treatment-resistant depression. 2021 ,	4
345	PtNPt/MWCNT-PEDOT:PSS-Modified Microelectrode Arrays for the Synchronous Dopamine and Neural Spike Detection in Rat Models of Sleep Deprivation.. 2021 , 4, 4872-4884	2
344	Understanding Emotions: Origins and Roles of the Amygdala. 2021 , 11,	18
343	Electrophysiological investigation of reward anticipation and outcome evaluation during slot machine play. 2021 , 232, 117874	1
342	Creativity Is Optimal Novelty and Maximal Positive Affect: A New Definition Based on the Spreading Activation Model. 2021 , 15, 612379	3
341	Trauma-related dysfunction in the fronto-striatal reward circuit. 2021 , 287, 359-366	2
340	Value, drug addiction and the brain. 2021 , 116, 106816	3
339	Effects of compassion training on brain responses to suffering others. 2021 , 16, 1036-1047	0
338	The Role of Glia in Addiction: Dopamine as a Modulator of Glial Responses in Addiction. 2021 , 1	1

337	Extensive divergence of projections to the forebrain from neurons in the paraventricular nucleus of the thalamus. 2021 , 226, 1779-1802	4
336	Mesolimbic opioid-dopamine interaction is disrupted in obesity but recovered by weight loss following bariatric surgery. 2021 , 11, 259	0
335	AI Alignment and Human Reward. 2021 ,	0
334	The prospective role of epistemic curiosity in national standardized test performance. 2021 , 88, 102008	3
333	Differential contributions of ventral striatum subregions to the motivational and hedonic components of the affective processing of the reward.	0
332	Involvement of the dopaminergic system in the reward-related behavior of pregabalin. 2021 , 11, 10577	0
331	Virtually in Synch: A Pilot Study on Affective Dimensions of Dancing with Parkinson's during COVID-19.	
330	Gratification Disorder Associated With Perineal Irritation in Young Children: Management and Short-Term Outcome. 2021 , 3, 265-269	
329	Incentive sensitization in binge behaviors: A mini review on electrophysiological evidence. 2021 , 13, 100344	0
328	The role of working memory capacity in evaluative judgments of liking and beauty. 2021 , 35, 1407-1415	2
327	The Radically Embodied Conscious Cybernetic Bayesian Brain: From Free Energy to Free Will and Back Again. 2021 , 23,	5
326	Expressions of emotions across species. 2021 , 68, 57-66	4
325	Ketamine Rapidly Enhances Glutamate-Evoked Dendritic Spinogenesis in Medial Prefrontal Cortex Through Dopaminergic Mechanisms. 2021 , 89, 1096-1105	19
324	Repetitive Transcranial Magnetic Stimulation: A Potential Treatment for Obesity in Patients with Schizophrenia. 2021 , 11,	
323	Sweet anticipation and positive emotions in music, groove, and dance. 2021 , 39, 79-84	2
322	Reward and emotion: an affective neuroscience approach. 2021 , 39, 161-167	6
321	Opioid antagonism reduces wanting by strengthening frontostriatal connectivity.	
320	Calcitonin receptor signaling in the medial preoptic area enables risk-taking maternal care. 2021 , 35, 109204	5

319	Understanding sweet-liking phenotypes and their implications for obesity: Narrative review and future directions. 2021 , 235, 113398	4
318	The Paraventricular Thalamus as a Critical Node of Motivated Behavior the Hypothalamic-Thalamic-Striatal Circuit. 2021 , 15, 706713	2
317	Superior Communication of Positive Emotions Through Nonverbal Vocalisations Compared to Speech Prosody. 2021 , 45, 419-454	2
316	Brain structural connectivity, anhedonia, and phenotypes of major depressive disorder: A structural equation model approach. 2021 , 42, 5063-5074	2
315	Neural coding of human values is underpinned by brain areas representing the core self in the cortical midline region. 2021 , 16, 486-499	1
314	Opioid use during pregnancy can impair maternal behavior and the Maternal Brain Network: A literature review. 2021 , 86, 106976	2
313	Do you find exercise pleasant or unpleasant? The Affective Exercise Experiences (AFFEXX) questionnaire. 2021 , 55, 101930	1
312	Aiding and Abetting Anhedonia: Impact of Inflammation on the Brain and Pharmacological Implications. 2021 , 73, 1084-1117	6
311	Medical Students' Perceptions of Play and Learning: Qualitative Study With Focus Groups and Thematic Analysis. 2021 , 9, e25637	3
310	Roles of Glucose and Sucrose Intakes on the Brain Functions Measured by the Working Ability and Morris Maze.	
309	Decoding molecular and cellular heterogeneity of nucleus accumbens with high-throughput scRNA-seq and MERFISH.	0
308	Anhedonia in Semantic Dementia-Exploring Right Hemispheric Contributions to the Loss of Pleasure. 2021 , 11,	4
307	Evaluative judgment across domains: Liking balance, contour, symmetry and complexity in melodies and visual designs. 2021 , 151, 105729	3
306	Comparing Meal Satisfaction Based on Different Types of Tableware: An Experimental Study of Japanese Cuisine Culture. 2021 , 10,	0
305	Changes in neural reward processing following Amplification of Positivity treatment for depression and anxiety: Preliminary findings from a randomized waitlist controlled trial. 2021 , 142, 103860	2
304	Dopamine 'ups and downs' in addiction revisited. 2021 , 44, 516-526	13
303	Sex Differences in the Blood Oxygen Level-Dependent Signal to Placebo Analgesia and Nocebo Hyperalgesia in Experimental Pain: A Functional MRI Study. 2021 , 15, 657517	0
302	Time-dependent changes in striatal monoamine levels and gene expression following single and repeated amphetamine administration in rats. 2021 , 904, 174148	3

301	Neural Representation of Costs and Rewards in Decision Making. 2021 , 11,	0
300	Experimental Social Stress: Dopaminergic Receptors, Oxidative Stress, and c-Fos Protein Are Involved in Highly Aggressive Behavior. 2021 , 15, 696834	3
299	[Positive cognitive neuroscience : Positive valence systems of the Research Domain Criteria initiative]. 2021 , 92, 878-891	1
298	Incentive motivation: 'wanting' roles of central amygdala circuitry. 2021 , 411, 113376	1
297	The Thermodynamic Consequences of Parkinson's Disease. 2021 , 12, 685314	0
296	Explaining socioeconomic disparities in health behaviours: A review of biopsychological pathways involving stress and inflammation. 2021 , 127, 689-708	4
295	Pain modulates dopamine neurons via a spinal-parabrachial-mesencephalic circuit. 2021 , 24, 1402-1413	5
294	Neuroimaging of pleasantness and unpleasantness induced by thermal stimuli.. 2021 , 8, 342-350	1
293	Dietary lipids as regulators of reward processes: multimodal integration matters. 2021 , 32, 693-705	1
292	Chronic Distress in Male Mice Impairs Motivation Compromising Both Effort and Reward Processing With Altered Anterior Insular Cortex and Basolateral Amygdala Neural Activation. 2021 , 15, 717701	1
291	Brain Network to Placebo and Nocebo Responses in Acute Experimental Lower Back Pain: A Multivariate Granger Causality Analysis of fMRI Data. 2021 , 15, 696577	1
290	Differences in regional gray matter volume predict the extent to which openness influences judgments of beauty and pleasantness of interior architectural spaces. 2021 ,	2
289	The role of SIRT1 in the basolateral amygdala in depression-like behaviors in mice. 2021 , 20, e12765	2
288	Activation of ventral tegmental area neurotensin Receptor-1 neurons promotes weight loss. 2021 , 195, 108639	2
287	Dysfunctional eating behavior in fibromyalgia and its association with serum biomarkers of brain plasticity (BDNF and S100B): an exploratory study. 2021 ,	1
286	The Aversion Function of the Limbic Dopaminergic Neurons and Their Roles in Functional Neurological Disorders. 2021 , 9, 713762	1
285	Happy for Us not Them: Differences in neural activation in a vicarious reward task between family and strangers during adolescent development. 2021 , 51, 100985	5
284	Environmental exposure to 17 β -trenbolone during adolescence inhibits social interaction in male mice. 2021 , 289, 117710	2

283	Striatal and septo-hypothalamic responses to anticipation and outcome of affiliative rewards. 2021 , 243, 118474	2
282	When the brain comes into play: Neurofunctional correlates of emotions and reward in game-based learning. 2021 , 125, 106946	6
281	Value-based cognition and drug dependency. 2021 , 123, 107070	
280	Predictive processing models and affective neuroscience. 2021 , 131, 211-228	3
279	Ventral pallidum cellular and pathway specificity in drug seeking. 2021 , 131, 373-386	1
278	Social Play Behavior. 2022 , 85-92	1
277	Effects of Biology, Drugs, Life Events, and the Environment on Wellbeing. 2021 , 175-204	
276	Transcriptional and Anatomical Diversity of Medium Spiny Neurons in the Primate Striatum.	
275	Pain and suffering. 2021 , 107-133	
274	Measuring Liking for Food and Drink. 2019 , 1-22	1
273	Orbitofrontal, dorsal striatum, and habenula functional connectivity in psychiatric patients with substance use problems. 2020 , 108, 106457	3
272	How to Study Animal Minds. 2020 ,	15
271	Darwinian Hedonism and the Epidemic of Unhealthy Behavior. 2019 ,	5
270	Motivational and cognitive correlates of community integration in homeless veterans entering a permanent supported housing program. 2020 , 90, 181-192	7
269	Purified and specific cytoplasmic pollen extract: a non-hormonal alternative for the treatment of menopausal symptoms. 2020 , 36, 190-196	6
268	The dynamics of resting fluctuations in the brain: metastability and its dynamical cortical core.	5
267	Ketamine restores escape behavior by re-engaging dopamine systems to drive cortical spinogenesis.	2
266	Persistent Epigenetic Reprogramming of Sweet Taste by Diet.	2

265	Ventral Pallidum GABA Neurons Mediate Motivation Underlying Risky Choice.	1
264	Transcriptional Diversity of Medium Spiny Neurons in the Primate Striatum.	1
263	Meta-analysis of Reward Processing in Major Depressive Disorder Reveals Distinct Abnormalities within the Reward Circuit.	1
262	Revisiting the Global Workspace: Orchestration of the functional hierarchical organisation of the human brain.	4
261	Integration of homeostatic signaling and food reward processing in the human brain. 2017 , 2,	25
260	Oxytocin, Dopamine, and Opioid Interactions Underlying Pair Bonding: Highlighting a Potential Role for Microglia. 2021 , 162,	17
259	Translational models of adaptive and excessive fighting: an emerging role for neural circuits in pathological aggression. 2019 , 8,	10
258	Evidence that Illness-Compatible Cues Are Rewarding in Women Recovered from Anorexia Nervosa: A Study of the Effects of Dopamine Depletion on Eye-Blink Startle Responses. 2016 , 11, e0165104	15
257	Altered reward-related effective connectivity in obsessive-compulsive disorder: an fMRI study. 2019 , 44, 395-406	9
256	Terminal Dopamine Release Kinetics in the Accumbens Core and Shell Are Distinctly Altered after Withdrawal from Cocaine Self-Administration. 2016 , 3,	7
255	Our evolved unique pleasure circuit makes humans different from apes: Reconsideration of data derived from animal studies. 2018 , 4,	8
254	Dopamine in the Brain: Hypothesizing Surfeit or Deficit Links to Reward and Addiction. 2015 , 1, 95-104	66
253	Neuropharmacological and Neurogenetic Correlates of Opioid Use Disorder (OUD) As a Function of Ethnicity: Relevance to Precision Addiction Medicine. 2020 , 18, 578-595	14
252	Dopaminergic activity and exercise behavior in anorexia nervosa. 2020 , 4,	3
251	Medical Students's Perceptions of Play and Learning: Qualitative Study With Focus Groups and Thematic Analysis (Preprint).	1
250	Altered Plasma Levels of Glial Cell Line-Derived Neurotrophic Factor in Patients with Internet Gaming Disorder: A Case-Control, Pilot Study. 2019 , 16, 469-474	1
249	Sex differences in addiction. 2016 , 18, 395-402	149
248	Dietary sugar inhibits satiation by decreasing the central processing of sweet taste. 2020 , 9,	15

- 247 Dopaminergic and opioidergic regulation during anticipation and consumption of social and nonsocial rewards. **2020**, 9, 13
- 246 Interoception and Addiction: Etiological Mechanisms and a Root for Intervention. **2021**, 211-226
- 245 Morphological analysis of the brain subcortical gray structures in restless legs syndrome. **2021**, 88, 74-80 4
- 244 Pain is so close to pleasure: the same dopamine neurons can mediate approach and avoidance in *Drosophila*.
- 243 Decoding molecular and cellular heterogeneity of mouse nucleus accumbens. **2021**, 24, 1757-1771 5
- 242 Limbic Cortex: The Functional Neuroanatomy of Emotion and Hedonic Processing. **2015**, 1-33
- 241 Limbic Cortex: The Functional Neuroanatomy of Emotion and Hedonic Processing. **2016**, 1469-1501
- 240 Predicting functional neuroanatomical maps from fusing brain networks with genetic information. 0
- 239 Nature of Human Intelligence.
- 238 The Relationship Between Drugs of Abuse and Palatable Foods: Pre-clinical Evidence Towards a Better Understanding of Addiction-Like Behaviors. **2017**, 239-250
- 237 Encyclopedia of Animal Cognition and Behavior. **2017**, 1-7
- 236 Encyclopedia of Personality and Individual Differences. **2017**, 1-2
- 235 The Cognitive Dimension of Institutions.
- 234 Evolution of Moral Sense and Moral Judgement. **2018**, 59-75 0
- 233 Mutant screen for reproduction unveils depression-associated *Piccolo* control over reproductive behavior. 3
- 232 CHANGing Consciousness Epistemically (CHANCE): An empirical method to convert the subjective content of consciousness into scientific data.
- 231 Pathways to Motivational Impairments in Psychopathology: Common Versus Unique Elements Across Domains. **2019**, 121-160 1
- 230 Parental brain network and its influential factors. **2019**, 27, 1072

229 Osteopathic Pain Management and Cardiovascular Diseases. **2019**, 1-23

228 Homöostase: Wohlbefinden, Zufriedenheit, psychische Gesundheit. **2019**, 1-50

227 Rapid neural representations of personally relevant faces.

226 Chapitre 2. Psychologie positive, cognition et neurosciences. **2019**, 43-56

225 Machine learning identifies large-scale reward-related activity modulated by dopaminergic enhancement in major depression.

224 Signals of anticipation of reward and of mean reward rates in the human brain.

0

223 Similar network compositions, but distinct neural dynamics underlying belief updating in environments with and without explicit outcomes.

222 Amygdalostratial coupling underpins positive but not negative coloring of ambiguous affect.

221 Dopaminergic and opioidergic regulation of implicit hedonic facial reactions during anticipation and consumption of social and nonsocial rewards.

220 Dietary sugar inhibits satiation by decreasing the central processing of sweet taste.

219 According, against, and above dietary norms: a key to understanding the relationship between personality style and taste preferences. **2019**, 7, e8198

218 Implicit food odour priming effects on reactivity and inhibitory control towards foods.

217 Emotion, Motivation, Persönlichkeit und ihre neurobiologischen Grundlagen. **2020**, 147-180

216 Desire and pleasure in choice. **2020**, 32, 168-196

1

215 Trends in big data analyses by multicenter collaborative translational research in psychiatry. **2021**,

5

214 Transcriptional and anatomical diversity of medium spiny neurons in the primate striatum. **2021**,

3

213 Measuring Liking for Food and Drink. **2020**, 235-256

1

212 Mesolimbic opioid-dopamine interaction is disrupted in obesity but recovered by weight loss following bariatric surgery.

211 Stereotaxic Surgery in Rodents for Stimulation of the Brain Reward System. **2021**, 21-50

210 Die funktionelle Neuroanatomie des limbischen Systems. **2020**, 15-62

1

209 Psychische und Verhaltensstörungen durch psychotrope Substanzen. **2020**, 345-369

208 Bibliography. **2020**, 265-286

207 Bovine Prospection, the Mesocorticolimbic Pathways, and Neuroethics: Is a Cow's Future Like Ours?. **2020**, 73-97

2

206 Gedächtnis. **2020**, 93-155

205 Encyclopedia of Personality and Individual Differences. **2020**, 3951-3952

204 Impact of Communication and Swallowing Dysfunction. **2020**, 107-125

203 Osteopathic Pain Management and Cardiovascular Diseases. **2020**, 681-703

202 c-Fos-MMP-9 pathway in central amygdala mediates approach motivation but not reward consumption.

0

201 Functional connectivity during feedback learning in smokers. **2021**, e13109

200 Informal groups, disruptive innovations, and industry change in low-tech peripheries.

1

199 Electrophysiological investigation of reward anticipation and outcome evaluation during slot machine play.

198 The role of opiodergic system in modulating cost/benefit decision-making in alcohol-preferring AA rats and Wistar rats. **2021**, 32, 220-228

1

197 Gender-related Differences in Food Craving and Obesity. **2016**, 89, 161-73

56

196 [Cypermethrin induces cell injury in primary cortical neurons of C57BL/6 mice by inhibiting Nrf2/ARE signaling pathway]. **2019**, 39, 1469-1475

195 Multiple Routes to Animal Consciousness: Constrained Multiple Realizability Rather Than Modest Identity Theory. **2021**, 12, 732336

1

194 [Procyanidin B2 protects neurons from cypermethrin-induced oxidative stress through the P13K/Akt/Nrf2 signaling pathway]. **2021**, 41, 1158-1164

- 193 Addiction, autonomy, and the Internet: Some ethical considerations. **2022**, 481-495
- 192 Opioid antagonism modulates wanting-related frontostriatal connectivity. **2021**, 10, 1
- 191 Tasting rewards. Effects of orosensory sweet signals on human error processing. **2021**, 1-11
- 190 Mitochondria-Related Nuclear Gene Expression in the Nucleus Accumbens and Blood Mitochondrial Copy Number After Developmental Fentanyl Exposure in Adolescent Male and Female C57BL/6 Mice. **2021**, 12, 737389 1
- 189 Manipulated exposure to television-style healthy food advertising and children's healthy food intake in nurseries. **2022**, 168, 105791 0
- 188 Affective Neuroscience Contributions to the Treatment of Addiction: The Role of Social Instincts, Pleasure and SEEKING. **2021**, 12, 761744 2
- 187 Potential structural trait markers of depression in the form of alterations in the structures of subcortical nuclei and structural covariance network properties. **2021**, 32, 102871 3
- 186 The Neuroscience of Affective Dynamics. **2021**, 33-60
- 185 Brain Imaging Biomarkers for Chronic Pain.. **2021**, 12, 734821 1
- 184 Temporal dynamics of affect in the brain: Evidence from human imaging and animal models.. **2021**, 133, 104491
- 183 Similar network compositions, but distinct neural dynamics underlying belief updating in environments with and without explicit outcomes.. **2021**, 247, 118821
- 182 Less Can Be More: Fine Tuning the Maternal Brain. **2021**, 4
- 181 The impact of environmental sounds on food reward.. **2021**, 113689 2
- 180 Multi-region local field potential signatures in response to the formalin-induced inflammatory stimulus in male rats.. **2022**, 1778, 147779 1
- 179 White matter microstructure associated with anhedonia among individuals with bipolar disorders and high-risk for bipolar disorders.. **2021**, 300, 91-91 0
- 178 Moderated mediation for exercise maintenance in pain and posttraumatic stress disorder: A randomized trial. **2020**, 39, 826-840
- 177 Multi-Level Processes and Retina-Brain Pathways of Photic Regulation of Mood.. **2022**, 11, 1
- 176 Role of Happiness When Evaluating Society. **2022**, 2, 230-236

175	Eating driven by the gustatory insula: contrasting regulation by infralimbic vs. prelimbic cortices.. 2022 ,	0
174	Interoception as modeling, allostasis as control.. 2021 , 167, 108242	8
173	Neurobiological Process of Addiction. 2022 , 125-128	
172	Optogenetic stimulation of ventral tegmental area dopaminergic neurons in a female rodent model of depression: The effect of different stimulation patterns.. 2022 ,	1
171	Applications of human induced pluripotent stem cell and human embryonic stem cell models for substance use disorders: addiction and neurodevelopmental toxicity. 2022 , 153-177	
170	Atomistic simulations of dopamine diffusion dynamics on a pristine graphene surface.. 2021 ,	0
169	Shared and distinct reward neural mechanisms among patients with schizophrenia, major depressive disorder, and bipolar disorder: an effort-based functional imaging study.. 2022 , 1	0
168	Developmental Trajectories of Anhedonia in Preclinical Models.. 2022 , 1	0
167	Deep Brain Stimulation for Treatment-Resistant Depression. 2022 , 357-372	
166	Reinstating olfactory bulb derived limbic gamma oscillations alleviates depression.	2
165	Differential contributions of ventral striatum subregions to the motivational and hedonic components of the affective processing of reward.. 2022 ,	1
164	Chronic pain precedes disrupted eating behavior in low-back pain patients.. 2022 , 17, e0263527	0
163	Reduced Child-Oriented Face Mirroring Brain Responses in Mothers With Opioid Use Disorder: An Exploratory Study.. 2021 , 12, 770093	0
162	Discontinuation of hormonal contraception due to changes in mood and decreases in sexual desire: the role of adverse childhood experiences.. 2022 , 1-9	
161	Psychomotor Symptoms in Chronic Cocaine Users: An Interpretative Model.. 2022 , 19,	1
160	Dopaminergic mushroom body neurons in Drosophila: Flexibility of neuron identity in a model organism?. 2022 , 135, 104570	0
159	Multiple Routes to Animal Consciousness: Constrained Multiple Realizability Rather Than Modest Identity Theory. 2021 , 12, 732336	2
158	Food Pleasure Profiles-An Exploratory Case Study of the Relation between Drivers of Food Pleasure and Lifestyle and Personality Traits in a Danish Consumer Segment.. 2022 , 11,	0

- 157 How Life Regulation and Feelings Motivate the Cultural Mind. **2022**, 15-26
- 156 Progress and challenges in research of the mechanisms of anhedonia in major depressive disorder.. **2022**, 35, e100724 o
- 155 The Affective Neuroscience of Sexuality: Development of a LUST Scale.. **2022**, 16, 853706 o
- 154 Influence of age and cognitive performance on resting-state functional connectivity of dopaminergic and noradrenergic centres.
- 153 Associations between Omega-3 Index, Dopaminergic Genetic Variants and Aggressive and Metacognitive Traits: A Study in Adult Male Prisoners.. **2022**, 14, o
- 152 Beneficial effects of prolonged 2-phenylethyl alcohol inhalation on chronic distress-induced anxio-depressive-like phenotype in female mice.
- 151 Increased child-evoked activation in the precuneus during facial affect recognition in mothers.. **2022**, o
- 150 Comprehensive Preclinical Assessment of Sensory, Functional, Motivational-Affective, and Neurochemical Outcomes in Neuropathic Pain: The Case of the Sigma-1 Receptor.. **2022**, 5, 240-254 1
- 149 Activity of putative orexin neurons during cataplexy.. **2022**, 15, 21 o
- 148 Oxytocin and the social facilitation of placebo effects.. **2022**, o
- 147 Deep brain stimulation of the "medial forebrain bundle": sustained efficacy of antidepressant effect over years.. **2022**, o
- 146 The influence of the subcortex and brain stem on overeating: How advances in functional neuroimaging can be applied to expand neurobiological models to beyond the cortex.. **2022**, 1 o
- 145 Transient decreases in blood pressure and heart rate with increased subjective level of relaxation while viewing water compared with adjacent ground. **2022**, 81, 101794 o
- 144 Applying the Addictions Neuroclinical Assessment to Derive Neurofunctional Domains in Individuals Who Use Methamphetamine.. **2022**, 113876 o
- 143 Towards modeling anhedonia and its treatment in zebrafish.. **2021**, 1
- 142 Virtually in synch: a pilot study on affective dimensions of dancing with Parkinson's during COVID-19. 1-15 o
- 141 Liking.. **2021**, 31, R1555-R1557 o
- 140 Psychological Treatments for Anhedonia.. **2021**, 1 3

- 139 Kalirin as a Novel Treatment Target for Cognitive Dysfunction in Schizophrenia.. **2021**, o
- 138 Anhedonia in Neurodegenerative Diseases.. **2022**, 1 1
- 137 Anhedonia and Suicide.. **2022**, 1
- 136 Breath chemical markers of sexual arousal in humans.. **2022**, 12, 6267 o
- 135 Major Transitions in Human Evolutionary History. 1-40
- 134 Ontological and conceptual challenges in the study of aesthetic experience. 1-43 o
- 133 Oxytocin-releasing reward: a remedy for cerebral inflammaging?. **2022**,
- 132 Classification of Chemotherapy-Related Subjective Cognitive Complaints in Breast Cancer Using Brain Functional Connectivity and Activity: A Machine Learning Analysis.. **2022**, 11, o
- 131 Data_Sheet_1.docx. **2019**,
- 130 Data_Sheet_1.docx. **2019**,
- 129 Data_Sheet_1.docx. **2018**,
- 128 Data_Sheet_2.docx. **2018**,
- 127 Data_Sheet_3.docx. **2018**,
- 126 Data_Sheet_1.xlsx. **2020**,
- 125 Synapse differentiation-induced gene 1 regulates stress-induced depression through interaction with the AMPA receptor GluA2 subunit of nucleus accumbens in male mice.. **2022**, 109076 o
- 124 Deep Brain Stimulation of the Nucleus Accumbens in Severe Enduring Anorexia Nervosa: A Pilot Study.. **2022**, 16, 842184 o
- 123 Development of the Hedonic Overeating-Questionnaire (HEDO-Q).. **2022**, 14,
- 122 Why do animals want what they like?. **2022**, 376, 456-457 1

- 121 Food wanting is mediated by transient activation of dopaminergic signaling in the honey bee brain.. **2022**, 376, 508-512 3
- 120 The Birth of the Mammalian Sleep. **2022**, 11, 734 0
- 119 Patterns of Brain Activity Associated with Nostalgia: A Social-Cognitive Neuroscience Perspective.. **2022**, 1
- 118 Neuromodulation for trigeminal neuralgia.. **2022**,
- 117 Macroscale connections of the mouse lateral preoptic area and anterior lateral hypothalamic area.. **2022**, 0
- 116 An Attempt to Explain Visual Aesthetic Appreciation.. **2022**,
- 115 Disgust. **2022**, 2051-2057
- 114 Beneficial effects of prolonged 2-phenylethyl alcohol inhalation on chronic distress-induced anxio-depressive-like phenotype in female mice. **2022**, 151, 113100
- 113 The differences and similarities between curiosity and interest: Meta-analysis and network analyses. **2022**, 80, 101628 2
- 112 Sailing, Flow and, Happiness. **2022**, 17-29 1
- 111 Still Wanting to Win: Reward System Stability in Healthy Aging. 14,
- 110 From the Heterogeneity Problem to a Natural-Kind Approach to Pleasure.
- 109 A Longitudinal Magnetoencephalographic Study of the Effects of Deep Brain Stimulation on Neuronal Dynamics in Severe Anorexia Nervosa. 16,
- 108 Epistemic Feelings are Affective Experiences. 175407392211044 0
- 107 Chapitre 15. L'activité physique, une pratique de psychologie positive ^ promouvoir pour favoriser le bien-être des jeunes et des personnes âgées. **2021**, 292-309
- 106 Neural substrates of psychosis revealed by altered dependencies between brain activity and white-matter architecture in individuals with 22q11 deletion syndrome. **2022**, 35, 103075
- 105 The Human Passion for Music. **2022**, 2, 1119-1127 0
- 104 Brain Responses to Food Choices and Decisions Depend on Individual Hedonic Profiles and Eating Habits in Healthy Young Women. 9, 0

- 103 Tactile Stimulation in Adult Rats Modulates Dopaminergic Molecular Parameters in the Nucleus accumbens Preventing Amphetamine Relapse. o
- 102 Serotonin and ConsciousnessâA Reappraisal. **2022**, 113970 o
- 101 Why Being âStressedâIs âDessertsâIn ReverseâThe Effect of Acute Psychosocial Stress on Food Pleasure and Food Choice. **2022**, 11, 1756 o
- 100 Birdsong and the Neural Regulation of Positive Emotion. 13, o
- 99 Different brain systems support learning from received and avoided pain during human pain-avoidance learning. 11, 2
- 98 Museotherapy âhow trend in therapy of emotional disorders. 76, 61-69
- 97 Differential neural substrates for responding to monetary, sexual humor, and erotic rewards. **2022**, 172, 108385 2
- 96 Anatomy of the Intellect in the Quran: A Fresh Perspective. **2022**, 20, 182-216
- 95 Beauty and Uncertainty as Transformative Factors: A Free Energy Principle Account of Aesthetic Diagnosis and Intervention in Gestalt Psychotherapy. 16,
- 94 Is Stress Taking the Pleasure Out of Food?âA Characterization of the Food Pleasure Profiles, Appetite, and Eating Behaviors of People with Chronic Stress. **2022**, 11, 1980 o
- 93 Stress-induced plasticity of a novel CRHGABA projection disrupts reward behaviors. o
- 92 The unexplored link between aesthetic perception and creativity: A theory-driven meta-analysis of fMRI studies in the visual domain. **2022**, 140, 104768 o
- 91 Anhedonia in Depression and Schizophrenia: Brain Reward and Aversion Circuits. Volume 18, 1385-1396 o
- 90 Psycho-Neuro-Endocrine-Immunology: A Role for Melatonin in This New Paradigm. **2022**, 27, 4888
- 89 A molecularly defined D1 medium spiny neuron subtype negatively regulates cocaine addiction. **2022**, 8, o
- 88 Aesthetic experiences and flourishing in science: A four-country study. 13, o
- 87 New Insights into In Vivo Dopamine Physiology and Neurostimulation: A Fiber Photometry Study Highlighting the Impact of Medial Forebrain Bundle Deep Brain Stimulation on the Nucleus Accumbens. **2022**, 12, 1105 o
- 86 Negative affectivity and emotions in youths with temporomandibular disorders across cultures. 1-9

- 85 In- and Out-Group Effects on Social Perception and Empathy in Cocaine Use Disorder. 13, 0
- 84 Evolutionary Perspective on Improving Mental Health. **2022**, 2, 1464-1482
- 83 Drug effect and addiction research with insects âFrom Drosophila to collective reward in honeybees. **2022**, 140, 104816
- 82 Increment in the consummatory response induced by reward delay: An animal model of binge-like eating episodes. **2022**, 80, 101842 0
- 81 Baby, I'm addicted! The pleasure-pain pathway that shifts entrepreneurial passion to entrepreneurial addiction: Pivotal role of dopamine. **2022**, 18, e00340 1
- 80 Cross-paradigm integration shows a common neural basis for aversive and appetitive conditioning. **2022**, 263, 119594 0
- 79 Why haven't we solved the addiction crisis?. **2022**, 442, 120404 1
- 78 The subjective experience of heroin effects among individuals with chronic opioid use: Revisiting reinforcement in an exploratory study. **2022**, 4, 100034 0
- 77 Influence of age and cognitive performance on resting-state functional connectivity of dopaminergic and noradrenergic centers. **2022**, 1796, 148082 0
- 76 Parkinson's Disease. **2022**, 169-181 0
- 75 Reward, Punishment, Desire, Pleasure, and Terminology. **2022**, 7-13 0
- 74 Neural structural abnormalities behind altered brain activation in obesity: Evidence from meta-analyses of brain activation and morphometric data. **2022**, 36, 103179 0
- 73 Depression and Other Forms of Mental Illness. **2022**, 197-208 0
- 72 Addiction. **2022**, 183-196 0
- 71 Biology of Motivation, Dopamine, and Brain Circuits That Mediate Pleasure. **2022**, 105-119 0
- 70 Neural correlates of externalizing disorders. **2022**, 0
- 69 DNA Directed Pro-Dopamine Regulation Coupling Subluxation Repair, H-Wave and Other Neurobiologically Based Modalities to Address Complexities of Chronic Pain in a Female Diagnosed with Reward Deficiency Syndrome (RDS): Emergence of Induction of âDopamine Homeostasisâ in the Face of the Opioid Crisis. **2022**, 12, 1416 1
- 68 Plasticity of synapses and reward circuit function in the genesis and treatment of depression. 0

67	Emotions as Affective Position-Takings and as Nonconceptual Meta-Representations: A Comparison. 175407392211254	1
66	Molecular examination of the endogenous opioid system in rhesus macaque monkeys with self-injurious behavior.	0
65	Drive, instinct, reflexâApplications to treatment of anxiety, depressive and addictive disorders. 13,	0
64	Genetic influences on the shape of brain ventricular and subcortical structures.	0
63	Recent advances in dopamine D 2 receptor ligands in the treatment of neuropsychiatric disorders.	1
62	Do what matters, no matter what! Factorizing positive activities during COVID-19 lockdown. 135910532211209	0
61	Learning from Addiction: Craving of Prescription Opioids in Chronic Pain Sufferers. 2022 , 104904	0
60	Common brain areas for processing physiologically and socially âeededâtimuli.	0
59	Multicomponential affective processes modulating food-seeking behaviors. 2022 , 48, 101226	0
58	Limbic Cortex: The Functional Neuroanatomy of Emotion and Hedonic Processing. 2022 , 1779-1811	0
57	You Can Have Too Much Sex? The Line Between Sexual Expression and Addiction. 2022 , 357-376	0
56	Distinct roles of dopamine receptor subtypes in the nucleus accumbens during itch signal processing. JN-RM-0821-22	0
55	Neural circuits provide insights into reward and aversion. 16,	0
54	A common neural code for representing imagined and inferred tastes.	0
53	How universal is preference for visual curvature? A systematic review and meta-analysis.	0
52	A computational account of need states, reward and wanting.	0
51	Primary motor cortex drives expressive facial movements related to reward processing in mice.	0
50	A mesocorticolimbic signature of pleasure in the human brain.	0

- 49 Functionally similar yet distinct neural mechanisms underlie different choice behaviors: ALE meta-analyses of decision-making under risk in adolescents and adults. **2022**, 66, 101052 ○
- 48 Music and Brain Circuitry: Strategies for Strengthening Evidence-Based Research for Music-Based Interventions. **2022**, 42, 8498-8507 ○
- 47 Longitudinal neural and behavioral trajectories of charity contributions across adolescence. ○
- 46 Molecular Imaging of the Human Emotion Circuit. **2023**, 3-21 ○
- 45 A dopaminergic memory circuit controls acute valence. ○
- 44 Prefrontalâ€”accumbens neural dynamics abnormalities in mice vulnerable to develop food addiction. ○
- 43 Computational modeling reveals latent components of mouse behavior in the sucrose preference test. ○
- 42 Appetitive Motivation and Associated Neurobiology Change Differentially across the Life Course of Mouse Offspring Exposed to Peri- and Postnatal High Fat Feeding. **2022**, 14, 5161 ○
- 41 Emotion regulation and the salience network: a hypothetical integrative model of fibromyalgia. **2023**, 19, 44-60 ○
- 40 Channeling of Brain Towards Engaging Sensorimotor Tasks for Inducing Hedonic Pleasure to Alleviate Blood Pressure in Hypertension. 097275312211359 ○
- 39 A mechanistic staging model of reward processing alterations in individuals with binge-type eating disorders. ○
- 38 Assumptions of twentieth-century neuroscience: reductionist and computational paradigms. 1-18 ○
- 37 Relationships between Recent Suicidal Ideation and Recent, State, Trait and Musical Anhedonias in Depression. **2022**, 19, 16147 ○
- 36 How gut hormones shape reward: a systematic review of the role of ghrelin and GLP-1 in human fMRI. ○
- 35 The role of opioid transmission in music-induced pleasure. ○
- 34 Abnormal functional connectivity of the nucleus accumbens subregions mediates the association between anhedonia and major depressive disorder. ○
- 33 Modality-specific and modality-general representations of reward value in frontal cortex. ○
- 32 Adverse childhood experiences and hormonal contraception: Interactive impact on sexual reward function. **2023**, 18, e0279764 ○

- 31 Neurochemical mechanisms of deep brain stimulation for depression in animal models. **2023**, 68, 11-26 ○
- 30 Smoking is associated with lower brain volume and cognitive differences: A large population analysis based on the UK Biobank. **2023**, 123, 110698 ○
- 29 Gender differences in brain response to infant emotional faces. **2022**, 23, ○
- 28 Effective connectivity of the amygdala during the consumption of erotic, sexual humor, and monetary rewards with a DCM-PEB approach. **2022**, 17, e0279281 1
- 27 Association between reward-related functional connectivity and tri-level mood and anxiety symptoms. **2023**, 37, 103335 ○
- 26 From neural circuits to communities: an integrative multidisciplinary roadmap for global mental health. **2023**, 1, 12-24 ○
- 25 Transcriptomic Definition of Neuron Types. **2023**, 153-167 ○
- 24 The Dopamine System in Mediating Alcohol Effects in Humans. **2023**, ○
- 23 Ventral pallidal regulation of motivated behaviors and reinforcement. 17, ○
- 22 How gut hormones shape reward: A systematic review of the role of ghrelin and GLP-1 in human fMRI. **2023**, 263, 114111 ○
- 21 Emotion, Motivation, Personality and Their Neurobiological Foundations. **2023**, 143-174 ○
- 20 Stress-induced plasticity of a CRH/GABA projection disrupts reward behaviors in mice. **2023**, 14, ○
- 19 Suicidal urges and attempted suicide at multiple time scales in borderline personality disorder. **2023**, 329, 581-588 ○
- 18 CoxNi1 double hydroxide decorated graphene NPs for simultaneous determination of dopamine and uric acid. **2023**, 355, 114314 ○
- 17 The art of film: Perspective on neural clues to repeated attraction to movie watching. **2023**, 180, 108485 ○
- 16 Neuroplastic Changes in Addiction Memory How Music Therapy and Music-Based Intervention May Reduce Craving: A Narrative Review. **2023**, 13, 259 ○
- 15 Sexual satiety modifies methamphetamine-induced locomotor and rewarding effects and dopamine-related protein levels in the striatum of male rats. **2023**, 240, 797-812 ○
- 14 Spatiotemporal profile of altered neural reactivity to food images in obesity: Reward system is altered automatically and predicts efficacy of weight loss intervention. 17, ○

- 13 A common neural code for representing imagined and inferred tastes. **2023**, 223, 102423 ○
- 12 A Nucleus Accumbens Tac1 Neural Circuit Regulates Avoidance Responses to Aversive Stimuli. **2023**, 24, 4346 ○
- 11 Adding Pieces to the Puzzle. **2023**, 83-109 ○
- 10 Nuts, Energy Balance and Body Weight. **2023**, 15, 1162 ○
- 9 The Functional Neuroanatomy of the Limbic System. **2023**, 15-59 ○
- 8 How Images of Food Become Cravingly Salient in Obesity. ○
- 7 Serotonin and Dopamine Show Different Response Profiles to Acute Stress in the Nucleus Accumbens and Medial Prefrontal Cortex of Rats with Neuropathic Pain. ○
- 6 Association Between the Fronto-Limbic Network and Cognitive and Emotional Functioning in Individuals With Bipolar Disorder. ○
- 5 Sex, ducks, and rock âroll: Mathematical model of sexual response. **2023**, 33, 043106 ○
- 4 Heat-killed Lactobacillus helveticus improves mood states: a randomised, double-blind, placebo-controlled study. **2023**, 14, 109-117 ○
- 3 Stress-related neuropeptide systems as targets for treatment of alcohol addiction: A clinical perspective. **2023**, 293, 559-573 ○
- 2 Abnormal functional connectivity of the nucleus accumbens subregions mediates the association between anhedonia and major depressive disorder. **2023**, 23, ○
- 1 Reinstating olfactory bulb-derived limbic gamma oscillations alleviates depression-like behavioral deficits in rodents. **2023**, ○