Marie H Monfils

List of Publications by Year
in descending order

74 papers	5,565 citations	186265 28 h-index	95266 68 g-index
83 all docs	83 docs citations	83 times ranked	4572 citing authors

#	Article	IF	Citations
1	Sex differences in conditioned orienting and the role of estradiol in addiction-related behaviors.. Behavioral Neuroscience, 2022, 136, 19-29.	1.2	3
2	Appetitive Behavior in the Social Transmission of Food Preference Paradigm Predicts Activation of Orexin-A producing Neurons in a Sex-Dependent Manner. Neuroscience, 2022, 481, 30-46.	2.3	1
3	The High Road to Inhibiting Fear Memories. Biological Psychiatry, 2022, 92, 102-103.	1.3	1
4	Altering Perceived Context: Transportation Cues Influence Novelty-Induced Context Exploration. Frontiers in Behavioral Neuroscience, 2021, 15, 714927.	2.0	0
5	Augmenting exposure therapy with pre-extinction fear memory reactivation and deepened extinction: A randomized controlled trial. Behaviour Research and Therapy, 2020, 135, 103730.	3.1	11
6	Methylene Blue Preserves Cytochrome Oxidase Activity and Prevents Neurodegeneration and Memory Impairment in Rats With Chronic Cerebral Hypoperfusion. Frontiers in Cellular Neuroscience, 2020, 14, 130.	3.7	12
7	Updating mechanisms using an olfactory cue were not successful in improving memory in a rodent model of cognitive aging or in older adults.. Psychology and Neuroscience, 2020, 13, 406-423.	0.8	0
8	Alcohol-associated antecedent stimuli elicit alcohol seeking in non-dependent rats and may activate the insula. Alcohol, 2019, 76, 91-102.	1.7	10
9	Differing effects of familiarity/kinship in the social transmission of fear associations and food preferences in rats. Animal Cognition, 2019, 22, 1013-1026.	1.8	11
10	Conserved features of anterior cingulate networks support observational learning across species. Neuroscience and Biobehavioral Reviews, 2019, 107, 215-228.	6.1	34
11	Extinction to amphetamine-associated context in female rats is dependent upon conditioned orienting. Psychopharmacology, 2019, 236, 507-515.	3.1	7
12	Cue-alcohol associative learning in female rats. Alcohol, 2019, 81, 1-9.	1.7	8
13	Insights from social transmission of information in rodents. Genes, Brain and Behavior, 2019, 18, e12534.	2.2	30
14	Predicting extinction phenotype to optimize fear reduction. Psychopharmacology, 2019, 236, 99-110.	3.1	22
15	Mapping the estrous cycle to context-specific extinction memory.. Behavioral Neuroscience, 2019, 133, 614-623.	1.2	9
16	Data-driven criteria to assess fear remission and phenotypic variability of extinction in rats. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20170035.	4.0	25
17	Does exercise augment operant and Pavlovian extinction: A meta-analysis. Journal of Psychiatric Research, 2018, 96, 73-93.	3.1	14
18	Characterizing conditioned reactivity to sequential alcohol-predictive cues in well-trained rats. Alcohol, 2018, 69, 41-49.	1.7	8

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19	Memory boundaries: opening a window inspired by reconsolidation to treat anxiety, trauma-related, and addiction disorders. Lancet Psychiatry,the, 2018, 5, 1032-1042.	7.4	103
20	Fear Conditioning by Proxy: Social Transmission of Fear Between Interacting Conspecifics. Current Protocols in Neuroscience, 2018, 83, e43.	2.6	8
21	The Social Transmission of Associative Fear in Rodentsâ€"Individual Differences in Fear Conditioning by Proxy. , 2018, , 93-109.		1
22	Effect of demonstrator reliability and recency of last demonstration on acquisition of a socially transmitted food preference. Royal Society Open Science, 2018, 5, 172391.	2.4	9
23	Differential effects of predictable vs. unpredictable aversive experience early in development on fear memory and learning in adulthood.. Behavioral Neuroscience, 2018, 132, 57-65.	1.2	1
24	Postretrieval Extinction Attenuates Alcohol Cue Reactivity in Rats. Alcoholism: Clinical and Experimental Research, 2017, 41, 608-617.	2.4	25
25	Preventing the return of fear using reconsolidation updating and methylene blue is differentially dependent on extinction learning. Scientific Reports, 2017, 7, 46071.	3.3	19
26	Effects of acute exercise on fear extinction in rats and exposure therapy in humans: Null findings from five experiments. Journal of Anxiety Disorders, 2017, 50, 76-86.	3.2	22
27	Use of a Brief Fear Memory Reactivation Procedure for Enhancing Exposure Therapy. Clinical Psychological Science, 2017, 5, 367-378.	4.0	30
28	The roots of empathy: Through the lens of rodent models. Neuroscience and Biobehavioral Reviews, 2017, 76, 216-234.	6.1	135
29	Reconsolidation-Extinction Interactions in Fear Memory Attenuation: The Role of Inter-Trial Interval Variability. Frontiers in Behavioral Neuroscience, 2017, 11, 2.	2.0	8
30	The computational nature of memory modification. ELife, 2017, 6, .	6.0	92
31	Dominance status predicts social fear transmission in laboratory rats. Animal Cognition, 2016, 19, 1051-1069.	1.8	67
32	Post-retrieval extinction in adolescence prevents return of juvenile fear. Learning and Memory, 2016, 23, 567-575.	1.3	22
33	Fight, Flight, or Freeze? The Answer May Depend on Your Sex. Trends in Neurosciences, 2016, 39, 51-53.	8.6	10
34	Assessing Fear Following Retrieval + Extinction Through Suppression of Baseline Reward Seeking vs. Freezing. Frontiers in Behavioral Neuroscience, 2015, 9, 355.	2.0	14
35	Anxiety and Fear Conditioning, Neural Basis of. , 2015, , 811-817.		0
36	Limbic System. , 2015, , 125-130.		0

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37	Extinction and Retrieval + Extinction of Conditioned Fear Differentially Activate Medial Prefrontal Cortex and Amygdala in Rats. Frontiers in Behavioral Neuroscience, 2015, 9, 369.	2.0	27
38	Extinction, applied after retrieval of auditory fear memory, selectively increases zinc-finger protein 268 and phosphorylated ribosomal protein S6 expression in prefrontal cortex and lateral amygdala. Neurobiology of Learning and Memory, 2014, 115, 78-85.	1.9	45
39	Social transmission of Pavlovian fear: fear-conditioning by-proxy in related female rats. Animal Cognition, 2014, 17, 827-834.	1.8	68
40	Predictability and heritability of individual differences in fear learning. Animal Cognition, 2014, 17, 1207-1221.	1.8	44
41	Therapeutic Benefits of Methylene Blue on Cognitive Impairment during Chronic Cerebral Hypoperfusion. Journal of Alzheimer's Disease, 2014, 42, S525-S535.	2.6	19
42	Learned together, extinguished apart: reducing fear to complex stimuli. Learning and Memory, 2013, 20, 674-685.	1.3	26
43	Post-retrieval extinction as reconsolidation interference: methodological issues or boundary conditions?. Psychopharmacology, 2013, 226, 631-647.	3.1	121
44	Extinction during reconsolidation of threat memory diminishes prefrontal cortex involvement. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 20040-20045.	7.1	253
45	Gradual extinction prevents the return of fear: implications for the discovery of state. Frontiers in Behavioral Neuroscience, 2013, 7, 164.	2.0	105
46	Appetitive behavioral traits and stimulus intensity influence maintenance of conditioned fear. Frontiers in Behavioral Neuroscience, 2013, 7, 179.	2.0	27
47	Updating appetitive memory during reconsolidation window: critical role of cue-directed behavior and amygdala central nucleus. Frontiers in Behavioral Neuroscience, 2013, 7, 186.	2.0	48
48	Using Reconsolidation and Extinction to Weaken Fear Memories in Animal Models. , 2013, , 165-184.		4
49	Preventing the return of fear in humans using reconsolidation update mechanisms. Nature, 2010, 463, 49-53.	27.8	1,047
50	GABAC receptors in the lateral amygdala: a possible novel target for the treatment of fear and anxiety disorders?. Frontiers in Behavioral Neuroscience, 2010, 4, 6.	2.0	28
51	Optical activation of lateral amygdala pyramidal cells instructs associative fear learning. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 12692-12697.	7.1	269
52	Erasing Fear Memories with Extinction Training: Figure 1.. Journal of Neuroscience, 2010, 30, 14993-14997.	3.6	206
53	Fear conditioning by-proxy: Social transmission of fear during memory retrieval. Behavioural Brain Research, 2010, 214, 80-84.	2.2	113
54	Fear and safety learning differentially affect synapse size and dendritic translation in the lateral amygdala. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 9418-9423.	7.1	137

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55	Extinction-Reconsolidation Boundaries: Key to Persistent Attenuation of Fear Memories. Science, 2009, 324, 951-955.	12.6	795
56	FGF-2-induced functional improvement from neonatal motor cortex injury via corticospinal projections. Experimental Brain Research, 2008, 185, 453-460.	1.5	18
57	Motor maps, seizures, and behaviour.. Canadian Journal of Experimental Psychology, 2008, 62, 132-139.	0.8	13
58	Brain-Derived Neurotrophic Factor: Linking Fear Learning to Memory Consolidation. Molecular Pharmacology, 2007, 72, 235-237.	2.3	43
59	The modulation of play fighting in rats: Role of the motor cortex.. Behavioral Neuroscience, 2007, 121, 164-176.	1.2	25
60	Synapse-specific reconsolidation of distinct fear memories in the lateral amygdala. Nature Neuroscience, 2007, 10, 414-416.	14.8	157
61	Neurophysiological properties of cells filling the neonatal medial prefrontal cortex lesion cavity. Brain Research, 2007, 1178, 38-43.	2.2	7
62	The aging hippocampus: A multi-level analysis in the rat. Neuroscience, 2006, 139, 1173-1185.	2.3	188
63	Neocortical kindling is associated with opposing alterations in dendritic morphology in neocortical layer V and striatum from neocortical layer III. Synapse, 2006, 59, 1-9.	1.2	28
64	FGFâ€2â€induced cell proliferation stimulates anatomical, neurophysiological and functional recovery from neonatal motor cortex injury. European Journal of Neuroscience, 2006, 24, 739-749.	2.6	48
65	Induction of Neocortical Long-Term Depression Results in Smaller Movement Representations, Fewer Excitatory Perforated Synapses, and More Inhibitory Synapses. Cerebral Cortex, 2006, 17, 434-442.	2.9	38
66	From Ultrastructure to Networks: Kindling-induced changes in neocortex. , 2005, , 125-135.		2
67	A quantitative comparison of synaptic density following perfusion versus immersion fixation in the rat cerebral cortex. Microscopy Research and Technique, 2005, 67, 300-304.	2.2	6
68	In Search of the Motor Engram: Motor Map Plasticity as a Mechanism for Encoding Motor Experience. Neuroscientist, 2005, 11, 471-483.	3.5	243
69	Long-term Potentiation Induces Expanded Movement Representations and Dendritic Hypertrophy in Layer V of Rat Sensorimotor Neocortex. Cerebral Cortex, 2004, 14, 586-593.	2.9	111
70	Differential neuroplastic changes in neocortical movement representations and dendritic morphology in epilepsyâ€prone and epilepsyâ€resistant rat strains following highâ€frequency stimulation. European Journal of Neuroscience, 2004, 19, 2319-2328.	2.6	20
71	Induction of long-term depression is associated with decreased dendritic length and spine density in layers III and V of sensorimotor neocortex. Synapse, 2004, 53, 114-121.	1.2	56
72	Functional Organization of Adult Motor Cortex Is Dependent upon Continued Protein Synthesis. Neuron, 2003, 40, 167-176.	8.1	134

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73	Cortical stimulation improves skilled forelimb use following a focal ischemic infarct in the rat. Neurological Research, 2003, 25, 794-800.	1.3	153
74	Motor Map Expansion Following Repeated Cortical and Limbic Seizures Is Related to Synaptic Potentiation. Cerebral Cortex, 2002, 12, 98-105.	2.9	95