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<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2732004>

It is well known that the reinforcing properties of drugs of abuse involve their activation of the mesolimbic dopaminergic (DA) pathways, which include dopamine neurons originating in the ventral tegmental area...

Cited by: 1496

Author: Rajita Sinha

Publish Year: 2008

Drug Addiction: I. A Theoretical Framework for Behavior ...

<https://journals.sagepub.com/doi/abs/10.2466/pr0.1975.37.3.947>

Dec 01, 1975 - A learning theory framework of drug addiction is presented and findings from animal addiction studies are used to demonstrate the possible usefulness of learning theory in accounting for...

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Author: Chester D. Copemann

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Aug 16, 2021 - This paper summarizes derivation of the mechanism that generates first person inner sensations of various higher brain functions using constraints from large number of findings of the system from different levels. It explains a testable mechanism by which nervous system generates mind. Several testable predictions are provided. Article

From cells to sensations: A window to the physics of mind

<https://www.sciencedirect.com/science/article/pii/S1571064519301538>

Dec 01, 2019 - By using constraints from observations from multiple levels (Table 1: columns one and two), careful abstractions are made to understand baseline properties necessary for the induction of units of first person internal sensation at physiological timescales. This should also allow propagation of potentials to trigger motor action, which can be

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Author: Kunjumon I. Vadakkann

Publish Year: 2019

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<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3262308>

Feb 06, 2012 - The prairie vole is monogamous, displaying prolonged pair bonding. This pair-bonding is attributable to the evolutionary development of an oxytocinergic neural system within the brain, including a critical brain structure (the nucleus accumbens) that underlies pleasure and reward. Evolution took a slightly different turn for the closely related montane vole, a polygamous animal that does not pair bond.

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Framework for internal sensation of pleasure

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## Pleasure Systems in the Brain - ScienceDirect

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May 06, 2015 · Pleasure is mediated by well-developed mesocorticolimbic circuitry and serves adaptive functions. In affective disorders, anhedonia (lack of pleasure) or dysphoria (negative affect) can result from breakdowns of that hedonic system. Human neuroimaging studies indicate that surprisingly similar circuitry is activated by quite diverse pleasures, suggesting a common neural currency shared by all.

Cited by: 1022

Author: Kent C. Berridge, Morten L. Kringelbach

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