

**PUBLICATIONS (Peer-reviewed journal articles)**

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- Jadhav SP**, Rothschild G, Frank LM, “Coordinated awake reactivation of behaviorally related hippocampal-prefrontal ensembles”, (*Manuscript In Review*)
1. Felix SH, Shah KG, Tolosa VM, Sheth HJ, Tooker AC, Delima TL, **Jadhav SP**, Frank LM, Pannu SS (2013), “Insertion of Flexible Neural Probes Using Rigid Stiffeners Attached with Biodissolvable Adhesive”, *Journal of Visualized Experiments*. (79), e50609, doi:10.3791/50609.
  2. **Jadhav SP**, Kemere C, German PW, Frank LM (2012), “Awake hippocampal sharp-wave ripples support spatial memory”, *Science*. 336(6087): 1454-1458.
  3. Morita T, Kang H, Wolfe J, **Jadhav SP**, Feldman DE (2011), “Psychometric curve and behavioral strategies for whisker-based texture discrimination in rats”, *PLoS One*. 6(6): e20437.
  4. Carr MF\*, **Jadhav SP\***, Frank LM (2011), “Hippocampal replay in the awake state: a potential substrate for memory consolidation and retrieval”, *Nature Neuroscience*. 14: 147-153. (\*Equal author contribution, Peer-reviewed review article).
  5. **Jadhav SP**, Feldman DE (2010), “Texture coding in the whisker system”, *Current Opinion in Neurobiology*. 20: 1-6. (Peer-reviewed review article).
  6. Li L\*, Bender KJ\*, Drew PJ, **Jadhav SP**, Sylwestrak E, Feldman DE (2009), “Endocannabinoid signaling is required for development and critical period plasticity of the whisker map in somatosensory cortex”, *Neuron*. 65: 537-549.
  7. **Jadhav SP**, Wolfe J, Feldman DE (2009), “Sparse temporal coding of elementary tactile features during active whisker sensation”. *Nature Neuroscience*. 12: 792-800.
  8. Gabernet L, **Jadhav SP**, Feldman DE, Carandini M, Scanziani M (2005), “Somatosensory integration controlled by dynamic thalamocortical feed-forward inhibition”, *Neuron*, 48: 315-327.
  9. Vyas A\*, **Jadhav S\***, Chattarji S (2006), “Prolonged chronic stress induces amygdaloid neuronal hypertrophy and enhanced anxiety-like behavior”, *Neuroscience*, 143: 387-393. (\*Equal author contribution).
  10. Mitra R, **Jadhav S**, McEwen BS, Vyas A, Chattarji S (2005), “Stress duration modulates the spatiotemporal patterns of spine formation in the basolateral amygdala”, *PNAS*, vol. 102 (26), pp. 9371-9376.

**BOOK CHAPTER AND INVITED ARTICLES**

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1. **Jadhav SP**, Frank LM (2014), “Memory replay in the hippocampus”, *In Time, Space and Memory in the Hippocampal Formation* (Ed: D. Derdikman, J. Knierim). Springer Publishers, (*In Press*).
2. **Jadhav SP**, Frank LM (2009), “Reactivating Memories for Consolidation”, *Neuron*. 62: 745-746. (Preview Article).