

Publications

A peer reviewed publication for SpiSOP is in preparation, but you can use the SciCrunch tool identifier “SpiSOP, RRID:SCR_015673” in your publication already.

Please keep me updated (spisop@spisop.org) if you use, used or plan to use SpiSOP in any upcoming publications.

It would be nice to receive your feedback to list them here. Thanks.

Publications that utilized SpiSOP

1. Klinzing J. G., Mölle M., Weber F. D., Supp G., Hipp J. F., Engel A. K., Born J. (2016). Spindle activity phase-locked to sleep slow oscillations. *NeuroImage*, 134, 607-616. [doi: 10.1016/j.neuroimage.2016.04.031](https://doi.org/10.1016/j.neuroimage.2016.04.031), [[Pupmed 271031351](#)].
2. Zinke K., Wilhelm I., Bayramoglu M., Klein S., Born J. (2016). Children’s initial sleep-associated changes in motor skill are unrelated to long-term skill levels. *Developmental Science*. Oct 16 [*Epub ahead of print*]. [doi: 10.1111/desc.12463](https://doi.org/10.1111/desc.12463), [[Pupmed 27747974](#)].
3. Pereira S. I. R., Beijamini F., Weber F. D., Vincenzi R. A., da Silva F. A. C., Louzada F. M. (2016). Tactile stimulation during sleep alters slow oscillation and spindle densities but not motor skill. *Physiology & Behavior*, 169, 59-68, [doi: 10.1016/j.physbeh.2016.11.024](https://doi.org/10.1016/j.physbeh.2016.11.024), [[Pupmed 27887994](#)].
4. Lecci S., Fernandez L. M. J., Weber F. D., Cardis R., Chatton J-Y., Born J., Lüthi A. (2017). Coordinated infraslow neural and cardiac oscillations mark fragility and offline periods in mammalian sleep. *Science*

Advances, 3(2),
e1602026, [doi: 10.1126/sciadv.1602026](https://doi.org/10.1126/sciadv.1602026), [PDF](#), [[Pupmed 28246641](#)].

5. Wang J-Y., Weber F.D., Zinke K., Inostroza M., Born J. (2017). More Effective Consolidation of Episodic Long-Term Memory in Children Than Adults—Unrelated to Sleep. *Child Development*, Jun 8 [Epub ahead of print], [doi: 10.1111/cdev.12839](https://doi.org/10.1111/cdev.12839), [[Pupmed 28594100](#)].
6. Wang, J-Y., Weber, F.D., Zinke K., Noack H., Born J. (2017). Effects of sleep on word-pair memory in children – separating item and source memory aspects. *Frontiers in Psychology*, 8, 1533, [doi: 10.3389/fpsyg.2017.01533](https://doi.org/10.3389/fpsyg.2017.01533), [[Pupmed 28943858](#)].
7. Hanert A., Weber F. D., Pedersen A., Born, J., Bartsch, T. (2017). Sleep in humans stabilizes pattern separation performance. *Journal of Neuroscience*, 37(50), 12238-12246, [doi: 10.1523/JNEUROSCI.1189-17.2017](https://doi.org/10.1523/JNEUROSCI.1189-17.2017), [[Pupmed 29118106](#)].
8. Klinzing J. G., Kugler S., Soekadar S. R., Rasch B., Born J., Diekelmann S. (2018). Odor cueing during slow-wave sleep benefits memory independently of low cholinergic tone. *Psychopharmacology*, 1-9, [doi: 10.1007/s00213-017-4768-5](https://doi.org/10.1007/s00213-017-4768-5)
9. Rudzik F., Thiesse L., Pieren R., Wunderli J. M., Brink M., Foraster M., Héritier H., Eze I. C., Garbazza C., Vienneau D., Probst-Hensch N., Rösli M., Cajochen C. (2018) Sleep spindle characteristics and arousability from night-time transportation noise exposure in healthy young and older individuals. *Sleep*, zsy077, [doi: 10.1093/sleep/zsy077](https://doi.org/10.1093/sleep/zsy077)
10. Thürer B., Weber F. D., Jan Born J., Stein T. (2018). Variable training but not sleep improves consolidation of motor adaptation *bioRxiv 259671*, [doi: 10.1101/259671](https://doi.org/10.1101/259671) or *Scientific Reports* 8(1), 15977 [doi: 10.1038/s41598-018-34225-w](https://doi.org/10.1038/s41598-018-34225-w)
11. Spanò G, Weber F.D., Pizzamiglio G., McCormick C., Miller T.D., Rosenthal C.R., Edgin J.O., Maguire E.A.

(2020). Sleeping with Hippocampal Damage. *Current Biology* (2020), [doi: 10.1016/j.cub.2019.11.072](https://doi.org/10.1016/j.cub.2019.11.072)

12. Cha K. S., Kim T. J., Jun J. S., Byun J. I., Sunwoo J. S., Shin, J. W., Kim K.H., Lee S.K., Jung, K. Y. (2020). Impaired slow oscillation, sleep spindle, and slow oscillation- spindle coordination in patients with idiopathic restless legs syndrome. *Sleep Medicine*, 66, 139-147. [doi: 10.1016/j.sleep.2019.09.021](https://doi.org/10.1016/j.sleep.2019.09.021)

Just Cited:

1. Combrisson E., Vallat R., Eichenlaub J. B., O'Reilly C., Lajnef T., Guillot A., Ruby P. M., Jerbi K. (2017). Sleep: An Open-Source Python Software for Visualization, Analysis, and Staging of Sleep Data. *Frontiers in neuroinformatics*, 11, 60, [doi: 10.3389/fninf.2017.00060](https://doi.org/10.3389/fninf.2017.00060)
2. Zhang, G. Q., Cui, L., Mueller, R., Tao, S., Kim, M., Rueschman, M., Mariani, S., Mobley, D., Redline, S. (2018). The National Sleep Research Resource: towards a sleep data commons. *Journal of the American Medical Informatics Association*, 25(10), 1351-1358 , [doi: 10.1093/jamia/ocy064](https://doi.org/10.1093/jamia/ocy064)