

Experimental Psychology

20.10.2014

Reading: Howitt & Cramer (2011), pp. 3-23

- Psychology = Research based science
- Study of already performed study needed to develop adequate own studies
- Three steps needed to develop own experiment, last step is the experiment itself, the rest is the pre-setup
- Manipulation could have an effect on other variables

Find 3 file extensions (.eps) for each of the text and binary file types.

| Binary | Text |
|--------|------|
| .raw | .cfg |
| .dat | .log |
| .bin | .txt |

Find the original article for a classical paradigm and five recent articles that cite the original (Pubmed).

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Sleep drives metabolite clearance from the adult brain.

[Xie L](#)¹, [Kang H](#), [Xu Q](#), [Chen MJ](#), [Liao Y](#), [Thiyagarajan M](#), [O'Donnell J](#), [Christensen DJ](#), [Nicholson C](#), [Iliff JJ](#), [Takano T](#), [Deane R](#), [Nedergaard M](#).

- 1) [Neuroscience. Garbage truck of the brain.](#) - Nedergaard M.
- 2) [Brain-wide pathway for waste clearance captured by contrast-enhanced MRI.](#)- Iliff JJ, Lee H, Yu M, Feng T, Logan J, Nedergaard M, Benveniste H.
- 3) [A paravascular pathway facilitates CSF flow through the brain parenchyma and the clearance of interstitial solutes, including amyloid \$\beta\$.](#) - Iliff JJ, Wang M, Liao Y, Plogg BA, Peng W, Gundersen GA, Benveniste H, Vates GE, Deane R, Goldman SA, Nagelhus EA, Nedergaard M.
- 4) [Soluble \$\alpha\$ -synuclein is a novel modulator of Alzheimer's disease pathophysiology.](#) - Larson ME, Sherman MA, Greimel S, Kuskowski M, Schneider JA, Bennett DA, Lesné SE.
- 5) [Extracellular sheets and tunnels modulate glutamate diffusion in hippocampal neuropil.](#) - Kinney JP, Spacek J, Bartol TM, Bajaj CL, Harris KM, Sejnowski TJ.

Alternatives PubMed:

1) <http://www.sciencemag.org/>

2) www.Quertle.com

3) www.NextBio.com

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