

## Publications for Kay Double

### 2021

Aoun, K., Double, K., Pearson-Dennett, V., Yilmaz, R., Berg, D., Todd, G. (2021). Measurement of the adult human midbrain with transcranial ultrasound. *PLoS One*, 16, e0247920. <a href="http://dx.doi.org/10.1371/journal.pone.0247920">[More Information]</a>

Roudeau, S., Trist, B., Carmona, A., Davies, K., Halliday, G., Rufin, Y., Claverol, S., Van Malderen, S., Falkenberg, G., Double, K., et al (2021). Native Separation and Metallation Analysis of SOD1 Protein from the Human Central Nervous System: A Methodological Workflow. *Analytical Chemistry*, 93(32), 11108-11115. <a href="http://dx.doi.org/10.1021/acs.analchem.1c01128">[More Information]</a>

Trist, B., Hilton, J., Hare, D., Crouch, P., Double, K. (2021). Superoxide Dismutase 1 in Health and Disease: How a Frontline Antioxidant Becomes Neurotoxic. *Angewandte Chemie - International Edition*, 60(17), 9215-9246. <a href="http://dx.doi.org/10.1002/anie.202000451">[More Information]</a>

John, A., Singh, A., Nguyen Do, T., Eidels, A., Nalivaiko, E., Gavgani, A., Brown, S., Bennett, M., Bennett, M., Lal, S., Double, K., Kleitman, S., et al (2021). Unraveling the Physiological Correlates of Mental Workload Variations in Tracking and Collision Prediction Tasks. *IEEE Transactions on Neural Systems and Rehabilitation Engineering*, 30, 770-781. <a href="http://dx.doi.org/10.1109/TNSRE.2022.3157446">[More Information]</a>

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Shehadeh, J., Double, K., Murphy, K., Bobrovskaya, L., Reyes, S., Dunkley, P., Halliday, G., Dickson, P. (2019). Expression of tyrosine hydroxylase isoforms and phosphorylation at serine 40 in the human nigrostriatal system in Parkinson's disease. *Neurobiology of Disease*, 130, 1-8. <a href="http://dx.doi.org/10.1016/j.nbd.2019.104524">[More Information]</a>

Virachit, S., Mathews, K., Cottam, V., Werry, E., Galli, E., Rappou, E., Lindholm, P., Saarma, M., Halliday, G., Shannon Weickert, C., Double, K. (2019). Levels of glial cell line-derived neurotrophic factor are decreased, but fibroblast growth factor 2 and cerebral dopamine neurotrophic factor are increased in the hippocampus in Parkinson's disease. *Brain Pathology*, 29(6), 813-825. <a href="http://dx.doi.org/10.1111/bpa.12730">[More Information]</a>

Trist, B., Hare, D., Double, K. (2019). Oxidative stress in the aging substantia nigra and the etiology of Parkinson's disease. *Aging Cell*, 18(6), 1-23. <a href="http://dx.doi.org/10.1111/ace1.13031">[More Information]</a>

Weissleder, C., Barry, G., Fung, S., Wong, M., Double, K., Webster, M., Weickert, C. (2019). Reduction in IGF1 mRNA in the Human Subependymal Zone During Aging. *Aging and Disease*, 10(1), 197-204. <a href="http://dx.doi.org/10.14336/AD.2018.0317">[More Information]</a>

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<http://dx.doi.org/10.1038/tp.2016.257>>[More Information]</a>

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