

PUBLICATIONS

Note: “*” means corresponding author (CA), “†” means authors equally distributed, “\$” means student mentee/mentor.

Book Chapter

†**Hu, Y.**, †Gao, X., Yu, H., He, Z., & *Zhou, X. (2021). Neuroscience of moral decision making. In S. D. Sala (Ed.), *Encyclopedia of Behavioural Neuroscience*: Elsevier.

Peer-Reviewed Articles

2021-2023 (in press)

1. \$**Hu, Y.**, \$Qiu, S., Wang, G., Liu, K., Li, W., *Yu, H., *Zhou, X. Are Guilt-Prone Power-Holders Less Corrupt? Evidence from Two Online Experiments. *Social Psychology and Personality Science*, online published.
2. †\$Tang, Y., †\$***Hu, Y.**, Zhuang, J., Feng, C., *Zhou, X. Uncovering Individual Variations in Bystander Intervention of Injustice through Intrinsic Brain Connectivity Patterns. *Neuroimage*, in press.
3. Liao, J., Ou, J., ***Hu, Y.**, Tobler, P. N., & *Wu, Y. (2023). Testosterone administration modulates inequality aversion in healthy males: evidence from computational modeling. *Psychoneuroendocrinology*, 106321.
4. Tang, Z., *Qu, C., **Hu, Y.**, Benistant, J., Moisan, F., Derrington, E., & *Dreher, J.-C. (2023). How strength of social ties modulates brain computations for Third-Party Punishment. *Scientific Reports*, 10510.
5. **Hu, Y.**, †Philippe, R., †Guigon, V., †Zhao, S., Derrington, E., Corgnet, B., . . . *Dreher, J.-C. (2022). Perturbation of right dorsolateral prefrontal cortex makes power holders less resistant to tempting bribes. *Psychological Science*, 33(3), 412-423.
6. **Hu, Y.**, Hu, C., Derrington, E., Corgnet, B., *Qu, C., & Dreher, J.-C. (2021). Neural basis of corruption in power-holders. *eLife*, 10, e63922.
7. †**Hu, Y.**, †Pereira, A., Gao, X., Campos, B., Derrington, E., Zhou, X., Cendes, F., *Dreher, J.-C. (2021). Right temporoparietal junction underlies avoidance of moral transgression in Autism Spectrum Disorder. *Journal of Neuroscience*, 41(8), 1699-1715.
8. Hu, J., †**Hu, Y.**, †Li, Y., *Zhou, X. (2021). Computational and neurobiological substrates of cost-benefit integration in altruistic helping decision. *Journal of Neuroscience*, 41(15), 3545-3561.
9. †Ou, J., †*Wu, Y., **Hu, Y.**, Gao, X., *Li, H., & Tobler, P. N. (2021). Testosterone reduces generosity through cortical and subcortical mechanisms. *Proceedings of the National Academy of Sciences*, 118(12), e2021745118.

2017-2020

10. †*Qu, C., †***Hu, Y.**, Tang, Z., *Dreher, J.-C. (2020). Neurocomputational mechanisms underlying flexible immoral decisions benefiting self and others: an fMRI investigation. *Social Cognitive and Affective Neuroscience*, nsaa029.
11. Wu, Y., Zhang, Y., Ou, J., **Hu, Y.**, & Zilioli, S. (2020). Exogenous testosterone increases the audience effect in healthy males: evidence for the social status hypothesis. *Proceedings of the Royal Society B*:

Biological Sciences, 287(1931).

12. ***Hu, Y.**, †Ma, J., †Luan, Z., Dubas, J., *Xi, J. (2019). Indirect reciprocity in adolescents: Evidence from incentivized inequality-related economic paradigms. *Journal of Adolescence*, 74, 221-228.
13. **†Hu, Y.**, †Fiedler, S., Weber, B. (2019). What drives the (un)empathic bystander to intervene? Insights from eye-tracking. *British Journal of Social Psychology*, 9(3), 733-751.
14. †Weng, X., †Li, Q., †Ma, Y., Peng, Y., **Hu, Y.**, Zhou, K., Shen, F., *Wang H., & *Wang, Z. (2019). Effects of hunger on visual perception in binocular rivalry. *Frontiers in Psychology*, 12.
15. ***Hu, Y.**, †He, L., †Zhang, L., Wölke, T., Dreher, J-C., Weber, B. (2018) Spreading Inequality: Neural computations underlying pay-it-forward reciprocity. *Social Cognitive and Affective Neuroscience*, nsy040.
16. **Hu, Y.**, Cui, Z., Fan, M., Pei, Y., & *Wang, Z. (2018). Effects of acute alcohol intoxication on empathic neural responses for pain. *Frontiers in Human Neuroscience*, 11.
17. †Shen, F., **†Hu, Y.**, Fan, M., *Wang, H., & *Wang, Z. (2018). Racial bias in neural response for pain is modulated by minimal group. *Frontiers in Human Neuroscience*, 11.
18. †David, B., **†Hu, Y.**, Krüger, F., Weber, B. (2017). Other-regarding attention can modulate third-party altruistic choice: An fMRI study. *Scientific Reports*, 7, 43024.
19. *Yin, L., **Hu, Y.**, Dynowsky, D., Li, J., Weber, B. (2017). The good lies: Altruistic goals modulate processing of deception in the anterior insula. *Human Brain Mapping*, 38(7), 3675-3690. doi:10.1002/hbm.23623
20. *Strang, S., Gerhardt, H., Marsh, N., Artigas, S. O., **Hu, Y.**, Hurlemann, R., Park, S. Q. (2017). A matter of distance: the effect of oxytocin on social discounting is empathy-dependent. *Psychoneuroendocrinology*, 78, 229-232.

Before 2017

21. ***Hu, Y.**, Scheele, D., Becker, B., Voos, G., David, B., Hurlemann, R., & Weber, B. (2016). The effect of oxytocin on third-party altruistic decisions in unfair situations: An fMRI study. *Scientific Reports*, 6.
22. Yan, C., Su, L., Wang, Y., Xu, T., Yin, D., Fan, M., Deng, C., **Hu, Y.**, . . . Chan, R.C.K. (2016). Multivariate Neural Representations of Value during Reward Anticipation and Consummation in the Human Orbitofrontal Cortex. *Scientific Reports*, 6, 29079.
23. **†Hu, Y.**, †Strang, S., Weber, B. (2015) Helping or punishing strangers: Neural correlates of altruistic decisions as third-party and of its relation to empathic concern. *Frontiers in Behavioral Neuroscience*, 9:24.
24. Enax, L., **Hu, Y.**, Trautner, P., *Weber, B. (2015) Nutrition labels influence value computation of food products in the ventromedial prefrontal cortex. *Obesity*, 2015, 23(4), 786-792.
25. †Sun D., †Chan, C. C. H., **Hu, Y.**, *Wang, Z., *Lee, T. M. C. (2015) Neural correlates of the outcome processing of dishonest choices: An fMRI and ERP study. *Neuropsychologia*, 68, 148-157.
26. †Zhang, Y., **†Hu, Y.**, Guan, S., Hong, X., Wang, Z., *Li, X. (2014) Neural substrate of initiation of cross-modal working memory retrieval. *PLoS ONE*, 9 (8): e103991.
27. *Pan, X., **Hu, Y.**, Li, L., Li, J. (2009) Evaluative-feedback stimuli selectively activate self-related regions: An fMRI study. *Neuroscience Letters*, 465, 90-94.