

Accepted Manuscript

Functional Thalamocortical Connectivity Development and Alterations in Pre-term Infants during the Neonatal Period

Yue Cai, Xiushuang Wu, Zihui Su, Yuan Shi, Jia-Hong Gao

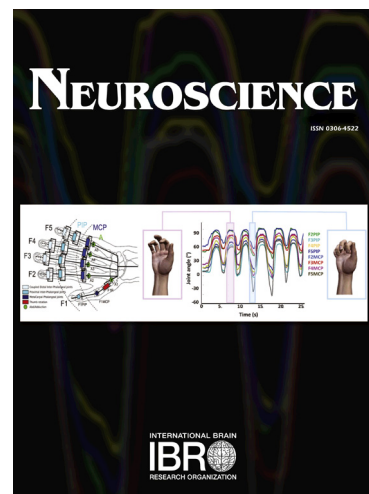
PII: S0306-4522(17)30334-2
DOI: <http://dx.doi.org/10.1016/j.neuroscience.2017.05.011>
Reference: NSC 17769

To appear in: *Neuroscience*

Received Date: 22 November 2016
Revised Date: 3 May 2017
Accepted Date: 8 May 2017

Please cite this article as: Y. Cai, X. Wu, Z. Su, Y. Shi, J-H. Gao, Functional Thalamocortical Connectivity Development and Alterations in Preterm Infants during the Neonatal Period, *Neuroscience* (2017), doi: <http://dx.doi.org/10.1016/j.neuroscience.2017.05.011>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Functional Thalamocortical Connectivity Development and Alterations in Preterm Infants during the Neonatal Period

Yue Cai^{1,2}, Xiushuang Wu³, Zihui Su⁴, Yuan Shi^{3,*}, Jia-Hong Gao^{2,5,6,7,*}

¹ Department of Biomedical Engineering, Peking University, Beijing, China

² Center for MRI Research, Academy for Advanced Interdisciplinary Studies,
Peking University, Beijing, China

³ Department of Pediatrics, Daping Hospital, Third Military Medical University, Chongqing,
China

⁴ Department of Anatomy and Cell Biology, McGill University, Montreal, Canada

⁵ Beijing City Key Lab for Medical Physics and Engineering, Institute of Heavy Ion Physics,
School of Physics, Peking University, Beijing, China

⁶ McGovern Institute for Brain Research, Peking University, Beijing, China

⁷ Shenzhen Institute of Neuroscience, Shenzhen, China

*Please send correspondences to:

Jia-Hong Gao, Ph.D.

Center for MRI Research, Peking University, Beijing, China, 100871

Email: jgao@pku.edu.cn

Tel: 86-10-62753091;

Fax: 86-10-62753091.

Yuan Shi, Ph.D., M.D.

Department of Pediatrics, Daping Hospital, Third Military Medical University, Chongqing,
China, 400042

Email: petshi530@vip.163.com

Tel: 86-23-6875-7731;

Fax: 86-23-6875-7731.

Download English Version:

<https://daneshyari.com/en/article/5737417>

Download Persian Version:

<https://daneshyari.com/article/5737417>

[Daneshyari.com](https://daneshyari.com)