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*Water, plants, and early human habitats in eastern Africa*
Clayton R. Magill, Gail M. Ashley, and Katherine H. Freeman
(2013) PNAS 110:1175–1180

**Class II: Biological Sciences**

*Eight pairs of descending visual neurons in the dragonfly give wing motor centers accurate population vector of prey direction*
Paloma T. Gonzalez-Bellido, Hanchuan Peng, Jinzhu Yang, Apostolos P. Georgopoulos, and Robert M. Olberg
(2013) PNAS 110:696–701

**Class III: Engineering and Applied Sciences**

*Point process modelling of the Afghan War Diary*
Andrew Zammit-Mangion, Michael Dewar, Visakan Kadirkamanathan, and Guido Sanguinetti

**Class IV: Biomedical Sciences**

*Robust cardiomyocyte differentiation from human pluripotent stem cells via temporal modulation of canonical Wnt signaling*
Xiaojun Lian, Cheston Hsiao, Gisela Wilson, Kexian Zhu, Laurie B. Hazeltine, Samira M. Azarin, Kunil K. Raval, Jianhua Zhang, Timothy J. Kamp, and Sean P. Palecek

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*Evolution of music by public choice*
Robert M. MacCallum, Matthias Mauch, Austin Burt, and Armand M. Leroi

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