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所有發表期刊論文

(1) JOURNAL

1. J. Reproduction and Fertility 94, 431-436 (1992). SCI
Jiann-Ping Wang, Wann-Yee Her, Yaa-Jyuhn James Meir, Ts'an-Shiuu Lir, Hsiu-Lua Chang, Fore-Lien Haung. Seasonal variation in cell cycle during early development of the mouse embryo.

2. Development 124, 1699-1709 (1997). (SCI) (Ranking Category: 5/41 Developmental Biology)
Amy Pflugrad*, Yaa-Jyuhn James Meir* , Tom M. Barnes, and David M. Miller, III. T Groucho-like transcription factor UNC-37 functions with the neural specificity gene *unc-4* to govern motor neuron identity in *C. elegans*. (*These authors contributed equally to this work)

3. Genes and Development 13(21), 2774-2786 (1999). (SCI 64 citations as of 2013) (Ranking Category: 6/161 Genetics & Heredity)
Angela R. Winnier*, Yaa-Jyuhn James Meir*, Jennifer M. Ross, Nektarios Tavernerakis, Monica Driscoll, Takeshi Ishihara, Isao Katsura, and David M. Miller III. UNC-4/UNC-37-dependent repression of motor neuron-specific genes controls synaptic choice in *Caenorhabditis elegans*. (*These authors contributed equally to this work)

4. Molecular Microbiology 60(2), 331-348 (2006). (SCI; 85 citations as of 2013) (Ranking Category: 19/116 Microbiology)
Bently Lim, Yaa-Jyuhn James Meir, and Fitnat Yildiz. Cyclic-di-GMP signal transduction system in *Vibrio cholerae*: Modulation of Rugosity and Biofilm formation.

5. Proc Natl Acad Sci USA 103(41), 15008-13 (2006). (SCI; 112 citations as of 2013) (Ranking Category: 4/56 Multidisciplinary Sciences)
Wu SC*, Yaa-Jyuhn James Meir*, Coates CJ, Handler AM, Moisyadi S, Pelczar P, Kaminski JM (2006). *piggyBac* is a flexible and highly active transposon as compared to *Sleeping Beauty*, *Tol2*, and *Mos1* in mammalian cells. (* These authors contributed equally to this work.)

6. Current Biology 17(7), 592-8 (2007) (SCI; 91 citations as of 2013) (Ranking Category: 19/290 Biochemistry & Molecular Biology)
Sakaguchi-Nakashima A., Yaa-Jyuhn James Meir, Yishi J., Matsumoto K., & Hisamot N. LRK-1, a *C. elegans* PARK8-Related Kinase, Regulates Axonal-Dendritic Polarity SV Proteins.

7. BMC Biotechnology (11:28, 2011) (SCI; 6 citations as of 2013) (Ranking Category: 77/160 Biotechnology & Applied Microbiology)
Yaa-Jyuhn J. Meir, Matthew T. Weirauch, Heng-Shing Yang, Pei-Cheng Chung, Robert K. Yu, Sareina C.-Y. Wu
Genome-wide target profiling of *piggyBac* and *Tol2* in HEK 293: pros and cons for gene discovery and gene therapy.

8. Chang Gung Medical Journal 34(6): 565-579 (2011)

Yaa-Jyuhn. J. Meir, and Sareina C.-Y. Wu,

Advancing transposon-based vector systems for gene therapy clinical trials: challenges and considerations.

9. The FASEB Journal 27 (11), 4429-4443 (2013) (SCI ; 1 citations as of 2013)

(Ranking Category: 7/83 Biology)

Yaa-Jyuhn James Meir, Angelique Lin, Meng-Fan Huang, Matthew T. Weirauch, Hsiang-Chen Chou, Siang-Jin Ashley Lin, and Sareina Chiung-Yuan Wu

A Versatile, Highly Efficient, and Potentially Safer *piggyBac* Transposon System for Mammalian Genome Manipulations

10. BMC Biotechnology (Submitted)

Yaa-Jyuhn James Meir, Heng-Shing Yang, Meng-Fan Huang, Angelique Lin, Matthew T. Weirauch, and Sareina Chiung-Yuan Wu

Comparative Analyses of *piggyBac*, *Tol2*, and *Sleeping Beauty* Transposon in HEK293 by a Non-Drug Selection System

(2) POPULAR SCIENCE

科學人 『跳躍基因活躍中』 NO.123. p40 (2012).