

human reproduction

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ORIGINAL ARTICLES

Andrology

Decrease in semen quality and Leydig cell function in infertile men: a longitudinal study

I.A. Olesen, U.N. Joensen, J.H. Petersen, K. Almstrup, E. Rajpert-De Meyts, E. Carlsen, R. McLachlan, A. Juul, and N. Jørgensen

1963

A novel solution for freezing small numbers of spermatozoa using a sperm vitrification device

Arie Berkovitz, Netanella Miller, Michal Silberman, Michael Belenky, and Pavel Itsykson

1975

Embryology

Prevalence and risk factors of zygotic splitting after 937 848 single embryo transfer cycles

Y. Ikemoto, K. Kuroda, A. Ochiai, S. Yamashita, S. Ikuma, S. Nojiri, A. Itakura, and S. Takeda

1984

Associations of blastocyst features, trophectoderm biopsy and other laboratory practice with post-warming behavior and implantation

Danilo Cimadomo, Antonio Capalbo, Paolo Emanuele Levi-Setti, Daria Soscia, Giovanna Orlando, Elena Albani, Valentina Parini, Marta Stoppa, Lisa Dovere, Luisa Tacconi, Elena Ievoli, Roberta Maggiulli, Filippo Maria Ubaldi, and Laura Rienzi

1992

Fertility control

Mifepristone treatment prior to insertion of a levonorgestrel releasing intrauterine system for improved bleeding control – a randomized controlled trial

K. Papaikononou, Helena Kopp Kallner, Fabian Söderdahl, and K. Gemzell-Danielsson

2002

Infertility

Cumulative live birth rates and number of oocytes retrieved in women of advanced age. A single centre analysis including 4500 women ≥ 38 years old

Marta Devesa, Rosa Tur, Ignacio Rodríguez, Buenaventura Coroleu, Francisca Martínez, and Nikolaos P. Polyzos

2010

Perinatal outcomes of singleton live births with and without vanishing twin following transfer of multiple embryos: analysis of 113 784 singleton live births

Mohan S. Kamath, Belavendra Antonisamy, Hepsy Y. Selliah, and Sesh Kamal Sunkara

2018

The prevalence of midline prostatic cysts and the relationship between cyst size and semen parameters among infertile and fertile men

F. Lotti, G. Corona, A. Cocci, S. Cipriani, E. Baldi, S. Degl'Innocenti, P.N. Franco, M. Gacci, and M. Maggi

2023

Psychology and counselling

Two-year follow-up of a randomized controlled trial: knowledge and reproductive outcome after online fertility education

Eri Maeda, Jacky Boivin, Satoshi Toyokawa, Katsuyuki Murata, and Hidekazu Saito

2035

(continued overleaf)

Puberty, aging and HRT

Maternal age at menarche and pubertal development in sons and daughters: a Nationwide Cohort Study

S. Sørensen, N. Brix, A. Ernst, L.L.B. Lauridsen, and C.H. Ramlau-Hansen 2043

Reproductive biology

Fertility preservation in female oncology patients: the influence of the type of cancer on ovarian stimulation response

R.M. Alvarez and P. Ramanathan 2051

Aquaporin-3 mediates ovarian steroid hormone-induced motility of endometrial epithelial cells

Dan Cui, Linlin Sui, Xiao Han, Man Zhang, Zhenzhen Guo, Wanfang Chen, Xinxin Yu, Qiannan Sun, Ming Dong, Tonghui Ma, and Ying Kong 2060

Endometrial receptivity revisited: endometrial transcriptome adjusted for tissue cellular heterogeneity

Marina Suhorutshenko, Viktorija Kukushkina, Agne Velthut-Meikas, Signe Altmäe, Maire Peters, Reedik Mägi, Kaarel Krjutškov, Mariann Koel, Francisco M. Codoñer, Juan Fco. Martinez-Blanch, Felipe Vilella, Carlos Simón, Andres Salumets, and Triin Laisk 2074

CAVI regulates primordial follicle formation via the Notch2 signalling pathway and is associated with premature ovarian insufficiency in humans

Kun Huang, Yujie Dang, Pan Zhang, Cong Shen, Xuesong Sui, Guoliang Xia, Yingying Qin, Xue Jiao, Chao Wang, Ran Huo, and Zi-Jiang Chen 2087

Lysyl oxidase blockade ameliorates anovulation in polycystic ovary syndrome

Chuyue Zhang, Jin Ma, Wangsheng Wang, Yun Sun, and Kang Sun 2096

DMRT1 repression using a novel approach to genetic manipulation induces testicular dysgenesis in human fetal gonads

Joni Macdonald, Karen R. Kilcoyne, Richard M. Sharpe, Áine Kavanagh, Richard A. Anderson, Pamela Brown, Lee B. Smith, Anne Jørgensen, and Rod T. Mitchell 2107

Reproductive endocrinology

Gonadal function and pubertal development in patients with Silver–Russell syndrome

W.J. Goedegebuure, C.C.J. Smeets, J.S. Renes, Y.B. de Rijke, and A.C.S. Hokken-Koelega 2122

Effect on endometrial histology and pharmacokinetics of different dose regimens of progesterone vaginal pessaries, in comparison with progesterone vaginal gel and placebo

I.J.M. Duijkers, I. Klingmann, R. Prinz, M. Wargenau, S. Hrafnisdottir, Th. B. Magnúsdottir, and C. Klipping 2131

Reproductive epidemiology

Female adiposity and time-to-pregnancy: a multiethnic prospective cohort

S.L. Loy, Y.B. Cheung, S.E. Soh, S. Ng, M.T. Tint, I.M. Aris, J.Y. Bernard, Y.S. Chong, K.M. Godfrey, L.P. Shek, K.H. Tan, Y.S. Lee, H.H. Tan, B.S.M. Chern, N. Lek, F. Yap, S.Y. Chan, C. Chi, and J.K.Y. Chan 2141

Reproductive genetics

The cognitive and socio-emotional development of 5-year-old children born after PGD

M. Heijligers, L.M.M. Verheijden, L.M. Jonkman, M. van der Slangen, M. Meijer-Hoogeveen, Y. Arens, M.A. van der Hoeven, and C.E.M. de Die-Smulders 2150