# Luca Lambertini

List of Publications by Year
in descending order



| 68 | 2,476 | 186254 | 206102 |
|---|---|---|---|
| papers | citations | 28 h-index | 48 g-index |

| 73 | 73 | 73 | 4325 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | ARTICLE | IF | CITATIONS |
|---|---|---|---|
| 1 | A Research Strategy to Discover the Environmental Causes of Autism and Neurodevelopmental Disabilities. Environmental Health Perspectives, 2012, 120, a258-60. | 6.0 | 191 |
| 2 | First Experimental Demonstration of the Multipotential Carcinogenic Effects of Aspartame Administered in the Feed to Sprague-Dawley Rats. Environmental Health Perspectives, 2006, 114, 379-385. | 6.0 | 190 |
| 3 | Differential expression of imprinted genes in normal and IUGR human placentas. Epigenetics, 2009, 4, 235-240. | 2.7 | 176 |
| 4 | Global Methylation in the Placenta and Umbilical Cord Blood From Pregnancies With Maternal Gestational Diabetes, Preeclampsia, and Obesity. Reproductive Sciences, 2014, 21, 131-137. | 2.5 | 138 |
| 5 | Effect of postnatal low-dose exposure to environmental chemicals on the gut microbiome in a rodent model. Microbiome, 2016, 4, 26. | 11.1 | 122 |
| 6 | Results of Longâ€Term Experimental Studies on the Carcinogenicity of Ethyleneâ€bisâ€Dithiocarbamate (Mancozeb) in Rats. Annals of the New York Academy of Sciences, 2002, 982, 123-136. | 3.8 | 96 |
| 7 | Exploring the associations between microRNA expression profiles and environmental pollutants in human placenta from the National Children's Study (NCS). Epigenetics, 2015, 10, 793-802. | 2.7 | 91 |
| 8 | Placental expression profile of imprinted genes impacts birth weight. Epigenetics, 2015, 10, 842-849. | 2.7 | 79 |
| 9 | Cadmium-Associated Differential Methylation throughout the Placental Genome: Epigenome-Wide Association Study of Two U.S. Birth Cohorts. Environmental Health Perspectives, 2018, 126, 017010. | 6.0 | 69 |
| 10 | Insights into beta cell regeneration for diabetes via integration of molecular landscapes in human insulinomas. Nature Communications, 2017, 8, 767. | 12.8 | 67 |
| 11 | Stable heteroplasmy at the single-cell level is facilitated by intercellular exchange of mtDNA. Nucleic Acids Research, 2015, 43, 2177-2187. | 14.5 | 62 |
| 12 | Expression of imprinted genes in placenta is associated with infant neurobehavioral development. Epigenetics, 2015, 10, 834-841. | 2.7 | 59 |
| 13 | Expression quantitative trait loci (eQTLs) in human placentas suggest developmental origins of complex diseases. Human Molecular Genetics, 2017, 26, 3432-3441. | 2.9 | 58 |
| 14 | A sensitive functional assay reveals frequent loss of genomic imprinting in human placenta. Epigenetics, 2008, 3, 261-269. | 2.7 | 54 |
| 15 | Whole-transcriptome analysis delineates the human placenta gene network and its associations with fetal growth. BMC Genomics, 2017, 18, 520. | 2.8 | 53 |
| 16 | Neurodevelopmental consequences in offspring of mothers with preeclampsia during pregnancy: underlying biological mechanism via imprinting genes. Archives of Gynecology and Obstetrics, 2017, 295, 1319-1329. | 1.7 | 50 |
| 17 | Imprinted gene expression in fetal growth and development. Placenta, 2012, 33, 480-486. | 1.5 | 49 |
| 18 | Intrauterine multi-metal exposure is associated with reduced fetal growth through modulation of the placental gene network. Environment International, 2018, 120, 373-381. | 10.0 | 46 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | In uteroexposures to environmental organic pollutants disrupt epigenetic marks linked to fetoplacental development. Environmental Epigenetics, 2016, 2, dvv013. | 1.8 | 44 |
| 20 | Mitochondrial Epigenetics and Environmental Exposure. Current Environmental Health Reports, 2016, 3, 214-224. | 6.7 | 42 |
| 21 | Placental imprinting variation associated with assisted reproductive technologies and subfertility. Epigenetics, 2017, 12, 653-661. | 2.7 | 42 |
| 22 | Genomic loss of imprinting in first-trimester human placenta. American Journal of Obstetrics and Gynecology, 2010, 202, 391.e1-391.e8. | 1.3 | 38 |
| 23 | Differential Methylation of Imprinted Genes in Growth-Restricted Placentas. Reproductive Sciences, 2011, 18, 1111-1117. | 2.5 | 38 |
| 24 | Genetic regulation of the placental transcriptome underlies birth weight and risk of childhood obesity. PLoS Genetics, 2018, 14, e1007799. | 3.5 | 38 |
| 25 | Placenta-Imprinted Gene Expression Association of Infant Neurobehavior. Journal of Pediatrics, 2012, 160, 854-860.e2. | 1.8 | 36 |
| 26 | Epigenetics in Women's Health Care. Mount Sinai Journal of Medicine, 2010, 77, 225-235. | 1.9 | 35 |
| 27 | Intrauterine Reprogramming of the Polycystic Ovary Syndrome: Evidence from a Pilot Study of Cord Blood Global Methylation Analysis. Frontiers in Endocrinology, 2017, 8, 352. | 3.5 | 35 |
| 28 | Mitochondrial Gene Expression Profiles Are Associated with Maternal Psychosocial Stress in Pregnancy and Infant Temperament. PLoS ONE, 2015, 10, e0138929. | 2.5 | 35 |
| 29 | Environmental Influences on Genomic Imprinting. Current Environmental Health Reports, 2015, 2, 155-162. | 6.7 | 33 |
| 30 | Effect of maternal exposure to endocrine disrupting chemicals on reproduction and mammary gland development in female Sprague-Dawley rats. Reproductive Toxicology, 2015, 54, 110-119. | 2.9 | 31 |
| 31 | Maternal residential air pollution and placental imprinted gene expression. Environment International, 2017, 108, 204-211. | 10.0 | 26 |
| 32 | Changes in mammary histology and transcriptome profiles by low-dose exposure to environmental phenols at critical windows of development. Environmental Research, 2017, 152, 233-243. | 7.5 | 26 |
| 33 | Timing of prenatal exposure to trauma and altered placental expressions of hypothalamicâ€pituitaryâ€adrenal axis genes and genes driving neurodevelopment. Journal of Neuroendocrinology, 2018, 30, e12581. | 2.6 | 24 |
| 34 | Placental Expression of Imprinted Genes, Overall and in Sex-Specific Patterns, Associated with Placental Cadmium Concentrations and Birth Size. Environmental Health Perspectives, 2019, 127, 57005. | 6.0 | 24 |
| 35 | Myc Is Required for Adaptive Î²-Cell Replication in Young Mice but Is Not Sufficient in One-Year-Old Mice Fed With a High-Fat Diet. Diabetes, 2019, 68, 1934-1949. | 0.6 | 23 |
| 36 | Influences of Maternal Stress during Pregnancy on the Epi/genome: Comparison of Placenta and Umbilical Cord Blood. Journal of Depression & Anxiety, 2014, 03, . | 0.1 | 22 |

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|---|---|---|---|
| 37 | The atpIBEXF operon coding for the F 0 sector of the ATP synthase from the purple nonsulfur photosynthetic bacterium Rhodobacter capsulatus. Archives of Microbiology, 1998, 170, 385-388. | 2.2 | 21 |
| 38 | Results of a Long-Term Carcinogenicity Bioassay on Sprague-Dawley Rats Exposed to Sodium Arsenite Administered in Drinking Water. Annals of the New York Academy of Sciences, 2006, 1076, 578-591. | 3.8 | 20 |
| 39 | Paired Serum and Urine Concentrations of Biomarkers of Diethyl Phthalate, Methyl Paraben, and Triclosan in Rats. Environmental Health Perspectives, 2016, 124, 39-45. | 6.0 | 18 |
| 40 | The many lives of Myc in the pancreatic Î²-cell. Journal of Biological Chemistry, 2021, 296, 100122. | 3.4 | 16 |
| 41 | Intrauterine Growth Restriction Is Associated with Unique Features of the Reproductive Microbiome. Reproductive Sciences, 2021, 28, 828-837. | 2.5 | 16 |
| 42 | Prenatal exposure to maternal depression and anxiety on imprinted gene expression in placenta and infant neurodevelopment and growth. Pediatric Research, 2018, 83, 1075-1083. | 2.3 | 15 |
| 43 | Disrupting the DREAM complex enables proliferation of adult human pancreatic Î² cells. Journal of Clinical Investigation, 2022, 132, . | 8.2 | 14 |
| 44 | Genomic imprinting. Current Opinion in Pediatrics, 2014, 26, 237-242. | 2.0 | 13 |
| 45 | Mitochondrial gene expression profiles are associated with intrahepatic cholestasis of pregnancy. Placenta, 2016, 45, 16-23. | 1.5 | 11 |
| 46 | In-depth characterization of the placental imprintome reveals novel differentially methylated regions across birth weight categories. Epigenetics, 2020, 15, 47-60. | 2.7 | 11 |
| 47 | Copper associates with differential methylation in placentae from two US birth cohorts. Epigenetics, 2020, 15, 215-230. | 2.7 | 11 |
| 48 | Analysis of p53 Tumor Suppressor Gene, H-ras Protooncogene and Proliferating Cell Nuclear Antigen (PCNA) in Squamous Cell Carcinomas of HRA/Skh Mice Following Exposure to 8-Methoxypsoralen (8-MOP) and UVA Radiation (PUVA Therapy). Toxicologic Pathology, 2005, 33, 292-299. | 1.8 | 9 |
| 49 | Placental imprinted gene expression mediates the effects of maternal psychosocial stress during pregnancy on fetal growth. Journal of Developmental Origins of Health and Disease, 2019, 10, 196-205. | 1.4 | 9 |
| 50 | Aberrant methylation underlies insulin gene expression in human insulinoma. Nature Communications, 2020, 11, 5210. | 12.8 | 9 |
| 51 | Mitochondrial and glycolysis-regulatory gene expression profiles are associated with intrauterine growth restriction. Journal of Maternal-Fetal and Neonatal Medicine, 2018, 33, 1-10. | 1.5 | 8 |
| 52 | Moderate prenatal stress may buffer the impact of Superstorm Sandy on placental genes: Stress in Pregnancy (SIP) Study. PLoS ONE, 2020, 15, e0226605. | 2.5 | 7 |
| 53 | Demonstration of all-or-none loss of imprinting in mRNA expression in single cells. Nucleic Acids Research, 2009, 37, 7039-7046. | 14.5 | 6 |
| 54 | Genomic Imprinting in Human Placenta. , 2012, , . | | 5 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | 441: Differential mitochondrial DNA methylation in growth restricted placentas. American Journal of Obstetrics and Gynecology, 2013, 208, S192. | 1.3 | 3 |
| 56 | 465: Placental mitochondrial DNA mutation rate: a new association with intrauterine growth restriction (IUGR). American Journal of Obstetrics and Gynecology, 2016, 214, S255-S256. | 1.3 | 2 |
| 57 | 631: The impact of postpartum hemorrhage drill training at a single institution. American Journal of Obstetrics and Gynecology, 2012, 206, S283. | 1.3 | 1 |
| 58 | 308: Global methylation in placenta and umbilical cord blood from pregnancies with metabolic syndromes and the effect on birth outcomes. American Journal of Obstetrics and Gynecology, 2014, 210, S161. | 1.3 | 1 |
| 59 | Identification of endocrine disrupting chemical doses in rats to reproduce human urinary metabolite concentrations. ISEE Conference Abstracts, 2013, 2013, 5107. | 0.0 | 1 |
| 60 | 38: Loss of imprinting in first trimester human placentas. American Journal of Obstetrics and Gynecology, 2009, 201, S22-S23. | 1.3 | 0 |
| 61 | 712: The effects of exposure to BPA and BBP on the DNA methylation profile of the IGF2/H19 imprinting control region in HTR-8 cells. American Journal of Obstetrics and Gynecology, 2011, 204, S281. | 1.3 | 0 |
| 62 | 705: Polymorphisms of the glucocorticoid receptor gene NR3C1 and the association with birth weight and gestational age at delivery. American Journal of Obstetrics and Gynecology, 2012, 206, S314. | 1.3 | 0 |
| 63 | 193: Mitochondrial gene expression in intrahepatic cholestasis of pregnancy. American Journal of Obstetrics and Gynecology, 2015, 212, S111. | 1.3 | 0 |
| 64 | Intrauterine programming of polycystic ovary syndrome: evidence from cord blood global methylation analysis. Fertility and Sterility, 2017, 108, e248. | 1.0 | 0 |
| 65 | Developing Functional Assays for Genomic Imprinting Profile in Human Placenta. Epidemiology, 2007, 18, S138-S139. | 2.7 | 0 |
| 66 | Correlations of Urinary and Amniotic Fluid Phthalate Metabolite Concentrations and Expression of Imprinted Genes in Human Placenta. Epidemiology, 2009, 20, S110-S111. | 2.7 | 0 |
| 67 | Prenatal Phenol Exposure and Expression of Imprinted Genes in Human Placenta. Epidemiology, 2009, 20, S107. | 2.7 | 0 |
| 68 | Abstract LB-089: Defining windows of susceptibility for low-dose exposure to endocrine disruptors in rat mammary development by microRNA profiling. , 2015, , . | | 0 |