Gunnar Vase Toft

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

110
papers

4,399
citations

h-index

63
g-index

117
ext. papers

4,954
ext. citations

5.2
avg, IF

L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 110 | Birth weight and prenatal exposure to polychlorinated biphenyls (PCBs) and dichlorodiphenyldichloroethylene (DDE): a meta-analysis within 12 European Birth Cohorts. <i>Environmental Health Perspectives</i> , 2012 , 120, 162-70 | 8.4 | 228 |
| 109 | Is overweight a risk factor for reduced semen quality and altered serum sex hormone profile?. <i>Fertility and Sterility</i> , 2008 , 90, 619-26 | 4.8 | 201 |
| 108 | The epidemiologic evidence linking prenatal and postnatal exposure to endocrine disrupting chemicals with male reproductive disorders: a systematic review and meta-analysis. <i>Human Reproduction Update</i> , 2016 , 23, 104-125 | 15.8 | 168 |
| 107 | Maternal use of acetaminophen, ibuprofen, and acetylsalicylic acid during pregnancy and risk of cryptorchidism. <i>Epidemiology</i> , 2010 , 21, 779-85 | 3.1 | 148 |
| 106 | Associations of in utero exposure to perfluorinated alkyl acids with human semen quality and reproductive hormones in adult men. <i>Environmental Health Perspectives</i> , 2013 , 121, 453-8 | 8.4 | 142 |
| 105 | Association between pregnancy loss and urinary phthalate levels around the time of conception. <i>Environmental Health Perspectives</i> , 2012 , 120, 458-63 | 8.4 | 140 |
| 104 | Prenatal Phthalate, Perfluoroalkyl Acid, and Organochlorine Exposures and Term Birth Weight in Three Birth Cohorts: Multi-Pollutant Models Based on Elastic Net Regression. <i>Environmental Health Perspectives</i> , 2016 , 124, 365-72 | 8.4 | 140 |
| 103 | Epidemiological evidence on reproductive effects of persistent organochlorines in humans. <i>Reproductive Toxicology</i> , 2004 , 19, 5-26 | 3.4 | 138 |
| 102 | Semen quality and exposure to persistent organochlorine pollutants. <i>Epidemiology</i> , 2006 , 17, 450-8 | 3.1 | 104 |
| 101 | Is prenatal exposure to tobacco smoking a cause of poor semen quality? A follow-up study. <i>American Journal of Epidemiology</i> , 2007 , 165, 1372-9 | 3.8 | 103 |
| 100 | Blood serum concentrations of perfluorinated compounds in men from Greenlandic Inuit and European populations. <i>Chemosphere</i> , 2012 , 88, 1269-75 | 8.4 | 101 |
| 99 | European birth cohorts for environmental health research. <i>Environmental Health Perspectives</i> , 2012 , 120, 29-37 | 8.4 | 89 |
| 98 | Phthalates and perfluorooctanesulfonic acid in human amniotic fluid: temporal trends and timing of amniocentesis in pregnancy. <i>Environmental Health Perspectives</i> , 2012 , 120, 897-903 | 8.4 | 88 |
| 97 | Fertility and markers of male reproductive function in Inuit and European populations spanning large contrasts in blood levels of persistent organochlorines. <i>Environmental Health Perspectives</i> , 2008 , 116, 269-77 | 8.4 | 87 |
| 96 | Fertility in four regions spanning large contrasts in serum levels of widespread persistent organochlorines: a cross-sectional study. <i>Environmental Health</i> , 2005 , 4, 26 | 6 | 85 |
| 95 | Inter-population variations in concentrations, determinants of and correlations between 2,2¼,4¼5,5⊌hexachlorobiphenyl (CB-153) and 1,1-dichloro-2,2-bis (p-chlorophenyl)-ethylene (p,p⊌DDE): a cross-sectional study of 3161 men and women from Inuit and European populations. | 6 | 81 |
| 94 | Environmental Health, 2005, 4, 27 Perfluoroalkyl and polyfluoroalkyl substances and measures of human fertility: a systematic review. Critical Reviews in Toxicology, 2016, 46, 735-55 | 5.7 | 80 |

| 93 | Persistent organic pollutants and male reproductive health. Asian Journal of Andrology, 2014, 16, 71-80 | 2.8 | 78 |
|----|--|------|----|
| 92 | Associations between serum phthalates and biomarkers of reproductive function in 589 adult men. <i>Environment International</i> , 2014 , 66, 146-56 | 12.9 | 77 |
| 91 | Amniotic fluid phthalate levels and male fetal gonad function. <i>Epidemiology</i> , 2015 , 26, 91-9 | 3.1 | 75 |
| 90 | Prenatal exposure to PCB-153, p,p\DDE and birth outcomes in 9000 mother-child pairs: exposure-response relationship and effect modifiers. <i>Environment International</i> , 2015 , 74, 23-31 | 12.9 | 72 |
| 89 | Effects of estrogenic and antiandrogenic compounds on the testis structure of the adult guppy (Poecilia reticulata). <i>Ecotoxicology and Environmental Safety</i> , 2003 , 54, 16-24 | 7 | 71 |
| 88 | Cryptorchidism according to maternal gestational smoking. <i>Epidemiology</i> , 2007 , 18, 220-5 | 3.1 | 68 |
| 87 | Anthropometry in 5- to 9-Year-Old Greenlandic and Ukrainian Children in Relation to Prenatal Exposure to Perfluorinated Alkyl Substances. <i>Environmental Health Perspectives</i> , 2015 , 123, 841-6 | 8.4 | 65 |
| 86 | Exposure to brominated flame retardants, perfluorinated compounds, phthalates and phenols in European birth cohorts: ENRIECO evaluation, first human biomonitoring results, and recommendations. <i>International Journal of Hygiene and Environmental Health</i> , 2013 , 216, 230-42 | 6.9 | 62 |
| 85 | Sperm DNA integrity in relation to exposure to environmental perfluoroalkyl substances - a study of spouses of pregnant women in three geographical regions. <i>Reproductive Toxicology</i> , 2012 , 33, 577-58 | 33·4 | 58 |
| 84 | Cryptorchidism concordance in monozygotic and dizygotic twin brothers, full brothers, and half-brothers. <i>Fertility and Sterility</i> , 2010 , 93, 124-9 | 4.8 | 57 |
| 83 | Sexual characteristics are altered by 4-tert-octylphenol and 17beta-estradiol in the adult male guppy (Poecilia reticulata). <i>Ecotoxicology and Environmental Safety</i> , 2001 , 48, 76-84 | 7 | 54 |
| 82 | The association between circulating levels of antimlerian hormone and follicle number, androgens, and menstrual cycle characteristics in young women. <i>Fertility and Sterility</i> , 2012 , 97, 779-85 | 4.8 | 53 |
| 81 | Phthalates, perfluoroalkyl acids, metals and organochlorines and reproductive function: a multipollutant assessment in Greenlandic, Polish and Ukrainian men. <i>Occupational and Environmental Medicine</i> , 2015 , 72, 385-93 | 2.1 | 52 |
| 80 | Reproductive hormone levels in men exposed to persistent organohalogen pollutants: a study of inuit and three European cohorts. <i>Environmental Health Perspectives</i> , 2006 , 114, 1348-53 | 8.4 | 51 |
| 79 | Association of maternal serum concentrations of 2,2U4,4U5,5Uhexachlorobiphenyl (CB-153) and 1,1-dichloro-2,2-bis (p-chlorophenyl)-ethylene (p,pUDDE) levels with birth weight, gestational age and preterm births in Inuit and European populations. <i>Environmental Health</i> , 2010 , 9, 56 | 6 | 49 |
| 78 | Pregnancy serum concentrations of perfluorinated alkyl substances and offspring behaviour and motor development at age 5-9 yearsa prospective study. <i>Environmental Health</i> , 2015 , 14, 2 | 6 | 47 |
| 77 | Altered social behavior and sexual characteristics in mosquitofish (Gambusia holbrooki) living downstream of a paper mill. <i>Aquatic Toxicology</i> , 2004 , 70, 213-22 | 5.1 | 43 |
| 76 | Hazard quotient profiles used as a risk assessment tool for PFOS and PFOA serum levels in three distinctive European populations. <i>Environment International</i> , 2015 , 74, 112-8 | 12.9 | 42 |

| 75 | Impact of PCB and p,pUDDE contaminants on human sperm Y:X chromosome ratio: studies in three European populations and the Inuit population in Greenland. <i>Environmental Health Perspectives</i> , 2006 , 114, 718-24 | 8.4 | 41 |
|----|--|------------|----|
| 74 | Androgen receptor gene CAG repeat length as a modifier of the association between persistent organohalogen pollutant exposure markers and semen characteristics. <i>Pharmacogenetics and Genomics</i> , 2007 , 17, 391-401 | 1.9 | 38 |
| 73 | Xenoestrogenic activity in blood of European and Inuit populations. <i>Environmental Health</i> , 2006 , 5, 12 | 6 | 36 |
| 72 | Altered sexual characteristics in guppies (Poecilia reticulata) exposed to 17beta-estradiol and 4-tert-octylphenol during sexual development. <i>Ecotoxicology and Environmental Safety</i> , 2003 , 56, 228-3 | 7 7 | 36 |
| 71 | Decreased sperm count and sexual behavior in mosquitofish exposed to water from a pesticide-contaminated lake. <i>Ecotoxicology and Environmental Safety</i> , 2005 , 60, 15-20 | 7 | 35 |
| 70 | Exposure to perfluoroalkyl substances and sperm DNA global methylation in Arctic and European populations. <i>Environmental and Molecular Mutagenesis</i> , 2014 , 55, 591-600 | 3.2 | 33 |
| 69 | Perfluorooctane Sulfonate Concentrations in Amniotic Fluid, Biomarkers of Fetal Leydig Cell Function, and Cryptorchidism and Hypospadias in Danish Boys (1980-1996). <i>Environmental Health Perspectives</i> , 2016 , 124, 151-6 | 8.4 | 33 |
| 68 | Impact of Di-2-Ethylhexyl Phthalate Metabolites on Male Reproductive Function: a Systematic Review of Human Evidence. <i>Current Environmental Health Reports</i> , 2018 , 5, 20-33 | 6.5 | 32 |
| 67 | Serum concentrations of polybrominated diphenyl ethers (PBDEs) and a polybrominated biphenyl (PBB) in men from Greenland, Poland and Ukraine. <i>Environment International</i> , 2013 , 61, 8-16 | 12.9 | 32 |
| 66 | Dioxin-like activities in serum across European and Inuit populations. <i>Environmental Health</i> , 2006 , 5, 14 | 6 | 32 |
| 65 | Prenatal and Postnatal PCB-153 and ,UDDE Exposures and Behavior Scores at 50 Years of Age among Children in Greenland and Ukraine. <i>Environmental Health Perspectives</i> , 2017 , 125, 107002 | 8.4 | 30 |
| 64 | Exposure to persistent organic pollutants and sperm DNA methylation changes in Arctic and European populations. <i>Environmental and Molecular Mutagenesis</i> , 2016 , 57, 200-9 | 3.2 | 29 |
| 63 | Environmental exposure assessment in European birth cohorts: results from the ENRIECO project. <i>Environmental Health</i> , 2013 , 12, 8 | 6 | 28 |
| 62 | Serum phthalate levels and time to pregnancy in couples from Greenland, Poland and Ukraine. <i>PLoS ONE</i> , 2015 , 10, e0120070 | 3.7 | 28 |
| 61 | Quality control workshops in standardization of sperm concentration and motility assessment in multicentre studies. <i>Journal of Developmental and Physical Disabilities</i> , 2005 , 28, 144-9 | | 26 |
| 60 | Cancer Incidence in Workers Exposed to Styrene in the Danish-reinforced Plastics Industry, 1968-2012. <i>Epidemiology</i> , 2017 , 28, 300-310 | 3.1 | 25 |
| 59 | Amniotic Fluid INSL3 Measured During the Critical Time Window in Human Pregnancy Relates to Cryptorchidism, Hypospadias, and Phthalate Load: A Large Case-Control Study. <i>Frontiers in Physiology</i> , 2018 , 9, 406 | 4.6 | 25 |
| 58 | In utero exposure to persistent organochlorine pollutants and reproductive health in the human male. <i>Reproduction</i> , 2014 , 148, 635-46 | 3.8 | 25 |

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| 57 | Perfluoroalkyl substances and time to pregnancy in couples from Greenland, Poland and Ukraine. <i>Environmental Health</i> , 2014 , 13, 116 | 6 | 25 | |
|----|--|------|----|--|
| 56 | Thyroid function in Danish greenhouse workers. <i>Environmental Health</i> , 2006 , 5, 32 | 6 | 25 | |
| 55 | Early Life Exposure to Perfluoroalkyl Substances (PFAS) and ADHD: A Meta-Analysis of Nine European Population-Based Studies. <i>Environmental Health Perspectives</i> , 2020 , 128, 57002 | 8.4 | 24 | |
| 54 | Environmental mercury exposure, semen quality and reproductive hormones in Greenlandic Inuit and European men: a cross-sectional study. <i>Asian Journal of Andrology</i> , 2013 , 15, 97-104 | 2.8 | 24 | |
| 53 | Prenatal exposure to persistent organochlorine pollutants and female reproductive function in young adulthood. <i>Environment International</i> , 2016 , 92-93, 366-72 | 12.9 | 23 | |
| 52 | Anemia and clinical outcomes in patients with non-dialysis dependent or dialysis dependent severe chronic kidney disease: a Danish population-based study. <i>Journal of Nephrology</i> , 2020 , 33, 147-156 | 4.8 | 23 | |
| 51 | Persistent organochlorine pollutants and human reproductive health. <i>Danish Medical Journal</i> , 2014 , 61, B4967 | 3.8 | 23 | |
| 50 | Fetal loss and maternal serum levels of 2,2¼,4¼5,5⊌hexachlorbiphenyl (CB-153) and 1,1-dichloro-2,2-bis(p-chlorophenyl)ethylene (p,p⊌DDE) exposure: a cohort study in Greenland and two European populations. <i>Environmental Health</i> , 2010 , 9, 22 | 6 | 22 | |
| 49 | Polymorphisms in genes regulating androgen activity among prostate cancer low-risk Inuit men and high-risk Scandinavians. <i>Journal of Developmental and Physical Disabilities</i> , 2008 , 31, 25-30 | | 21 | |
| 48 | Female exposure to phthalates and time to pregnancy: a first pregnancy planner study. <i>Human Reproduction</i> , 2017 , 32, 232-238 | 5.7 | 20 | |
| 47 | Serum levels of perfluorinated compounds and sperm Y:X chromosome ratio in two European populations and in Inuit from Greenland. <i>Reproductive Toxicology</i> , 2012 , 34, 644-50 | 3.4 | 19 | |
| 46 | Risk of cryptorchidism among sons of horticultural workers and farmers in Denmark. <i>Scandinavian Journal of Work, Environment and Health</i> , 2014 , 40, 323-30 | 4.3 | 19 | |
| 45 | Styrene Exposure and Risk of Lymphohematopoietic Malignancies in 73,036 Reinforced Plastics Workers. <i>Epidemiology</i> , 2018 , 29, 342-351 | 3.1 | 18 | |
| 44 | Prenatal and postnatal exposure to persistent organic pollutants and attention-deficit and hyperactivity disorder: a pooled analysis of seven European birth cohort studies. <i>International Journal of Epidemiology</i> , 2018 , 47, 1082-1097 | 7.8 | 18 | |
| 43 | Exposure to polybrominated diphenyl ethers and male reproductive function in Greenland, Poland and Ukraine. <i>Reproductive Toxicology</i> , 2014 , 43, 1-7 | 3.4 | 18 | |
| 42 | Semen quality in relation to xenohormone and dioxin-like serum activity among Inuits and three European populations. <i>Environmental Health Perspectives</i> , 2007 , 115 Suppl 1, 15-20 | 8.4 | 18 | |
| 41 | Association between exposure to persistent organohalogen pollutants and epididymal and accessory sex gland function: multicentre study in Inuit and European populations. <i>Reproductive Toxicology</i> , 2006 , 22, 765-73 | 3.4 | 18 | |
| 40 | Xenoandrogenic activity in serum differs across European and Inuit populations. <i>Environmental Health Perspectives</i> , 2007 , 115 Suppl 1, 21-7 | 8.4 | 17 | |

| 39 | Relation between serum xenobiotic-induced receptor activities and sperm DNA damage and sperm apoptotic markers in European and Inuit populations. <i>Reproduction</i> , 2007 , 133, 517-30 | 3.8 | 17 |
|----|---|------|----|
| 38 | Remarkably low incidence of hypospadias in Greenland despite high exposure to endocrine disrupters; possible protective effect of androgen receptor genotype. <i>Pharmacogenetics and Genomics</i> , 2006 , 16, 375-7 | 1.9 | 15 |
| 37 | Analgesics during pregnancy and cryptorchidism: additional analyses. <i>Epidemiology</i> , 2011 , 22, 610-2 | 3.1 | 14 |
| 36 | The risk of cryptorchidism among sons of women working in horticulture in Denmark: a cohort study. <i>Environmental Health</i> , 2011 , 10, 100 | 6 | 14 |
| 35 | Exposure to perfluoroalkyl substances during pregnancy and child behaviour at 5 to 9years of age. <i>Hormones and Behavior</i> , 2018 , 101, 105-112 | 3.7 | 13 |
| 34 | Xenobiotic activity in serum and sperm chromatin integrity in European and inuit populations. <i>Molecular Reproduction and Development</i> , 2008 , 75, 669-80 | 2.6 | 13 |
| 33 | Prenatal exposure to perfluoroalkyl substances and behavioral difficulties in childhood at 7 and 11 years. <i>Environmental Research</i> , 2020 , 191, 110111 | 7.9 | 13 |
| 32 | A comparison of conventional and computer-assisted semen analysis (CRISMAS software) using samples from 166 young Danish men. <i>Asian Journal of Andrology</i> , 2011 , 13, 453-8 | 2.8 | 12 |
| 31 | Environmental hexachlorobenzene exposure and human male reproductive function. <i>Reproductive Toxicology</i> , 2015 , 58, 8-14 | 3.4 | 11 |
| 30 | Seasonal reproductive patterns of female Gambusia holbrooki from two Florida lakes. <i>Science of the Total Environment</i> , 2010 , 408, 1569-76 | 10.2 | 11 |
| 29 | A nationwide follow-up study of occupational organic dust exposure and risk of chronic obstructive pulmonary disease (COPD). <i>Occupational and Environmental Medicine</i> , 2019 , 76, 105-113 | 2.1 | 11 |
| 28 | Prenatal smoking exposure, measured as maternal serum cotinine, and childrenは motor developmental milestones and motor function: A follow-up study. <i>NeuroToxicology</i> , 2016 , 53, 236-245 | 4.4 | 10 |
| 27 | Use and Success of In Vitro Fertilisation Following Restorative Proctocolectomy and Ileal Pouch-anal Anastomosis. A Nationwide 17-year Cohort Study. <i>Journal of Crohn</i> and <i>Colitis</i> , 2019 , 13, 1283-1286 | 1.5 | 8 |
| 26 | Seasonal reproduction of male Gambusia holbrooki (eastern mosquitofish) from two Florida lakes. <i>Fish Physiology and Biochemistry</i> , 2013 , 39, 1165-80 | 2.7 | 8 |
| 25 | Risk of cryptorchidism and hypospadias among boys of maternal hairdressers - a Danish population-based cohort study. <i>Scandinavian Journal of Work, Environment and Health</i> , 2013 , 39, 302-9 | 4.3 | 8 |
| 24 | Maternal Pre-pregnancy BMI and Reproductive Health of Daughters in Young Adulthood. <i>Maternal and Child Health Journal</i> , 2016 , 20, 2150-9 | 2.4 | 7 |
| 23 | Semen quality in Greenland. International Journal of Circumpolar Health, 2004, 63 Suppl 2, 174-8 | 1.7 | 7 |
| 22 | Is the fact of parenting couples cohabitation affecting the serum levels of persistent organohalogen pollutants?. <i>International Journal of Hygiene and Environmental Health</i> , 2015 , 218, 392-4 | 1069 | 6 |

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| 21 | Cadmium may impair prostate function as measured by prostate specific antigen in semen: A cross-sectional study among European and Inuit men. <i>Reproductive Toxicology</i> , 2015 , 53, 33-8 | 3.4 | 6 |
|----|--|-----|---|
| 20 | Tobacco smoking during pregnancy and risk of adverse behaviour in offspring: A follow-up study. <i>Reproductive Toxicology</i> , 2015 , 58, 65-72 | 3.4 | 6 |
| 19 | The potential impact of paternal age on risk of asthma in childhood: a study within the Danish National Birth Cohort. <i>Respiratory Medicine</i> , 2018 , 137, 30-34 | 4.6 | 6 |
| 18 | Socio-occupational class, region of birth and maternal age: influence on time to detection of cryptorchidism (undescended testes): a Danish nationwide register study. <i>BMC Urology</i> , 2014 , 14, 23 | 2.2 | 6 |
| 17 | Urinary Bisphenol A, F and S Levels and Semen Quality in Young Adult Danish Men. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18, | 4.6 | 6 |
| 16 | Impact on Fertility After Failure of Restorative Proctocolectomy in Men and Women With Ulcerative Colitis: A 17-Year Cohort Study. <i>Diseases of the Colon and Rectum</i> , 2020 , 63, 816-822 | 3.1 | 5 |
| 15 | A nurse-led telephone session and quality of life after radiotherapy among women with breast cancer: a randomized trial. <i>Open Nursing Journal</i> , 2011 , 5, 31-7 | 0.6 | 5 |
| 14 | Fetal exposure to paternal smoking and semen quality in the adult son. <i>Andrology</i> , 2020 , 8, 1117-1125 | 4.2 | 4 |
| 13 | Fetal Programming of Semen Quality (FEPOS) Cohort - A DNBC Male-Offspring Cohort. <i>Clinical Epidemiology</i> , 2020 , 12, 757-770 | 5.9 | 4 |
| 12 | Motor development following in utero exposure to organochlorines: a follow-up study of children aged 5-9 years in Greenland, Ukraine and Poland. <i>BMC Public Health</i> , 2015 , 15, 146 | 4.1 | 3 |
| 11 | Trends in sperm count in Finnish men. <i>Journal of Developmental and Physical Disabilities</i> , 2012 , 35, 626; author reply 627-8 | | 3 |
| 10 | Associations of parental birth characteristics with autism spectrum disorder (ASD) risk in their offspring: a population-based multigenerational cohort study in Denmark. <i>International Journal of Epidemiology</i> , 2021 , 50, 485-495 | 7.8 | 3 |
| 9 | Semen quality among young healthy men taking protein supplements. <i>Fertility and Sterility</i> , 2020 , 114, 89-96 | 4.8 | 2 |
| 8 | Use of intravenous iron and risk of anaphylaxis: A multinational observational post-authorisation safety study in Europe. <i>Pharmacoepidemiology and Drug Safety</i> , 2021 , 30, 1447-1457 | 2.6 | 2 |
| 7 | Organochlorines and the Effect on Female Reproductive System 2015, 778-784 | | 1 |
| 6 | Assessment of Educational Attainment and Employment Among Individuals With Autism Spectrum Disorder in Denmark. <i>JAMA Pediatrics</i> , 2021 , 175, 601-608 | 8.3 | 1 |
| 5 | Maternal pre-pregnancy overweight and infertility in sons and daughters: A cohort study. <i>Acta Obstetricia Et Gynecologica Scandinavica</i> , 2021 , 100, 843-849 | 3.8 | 1 |
| 4 | Per- and polyfluoroalkyl substances (PFAS) and male reproductive function in young adulthood; a cross-sectional study <i>Environmental Research</i> , 2022 , 212, 113157 | 7.9 | 1 |

| 3 | Prenatal exposure to endocrine-disrupting chemicals and child behavior. <i>Current Opinion in Endocrine and Metabolic Research</i> , 2019 , 7, 43-48 | 1.7 | О |
|---|---|-----|---|
| 2 | Parental Separation and Semen Quality in Young Men: A Population-Based Cohort Study <i>Clinical Epidemiology</i> , 2022 , 14, 127-140 | 5.9 | O |
| 1 | Relationship between apoptotic markers in semen from fertile men and demographic, hormonal and seminal characteristics. <i>Asian Journal of Andrology</i> , 2012 , 14, 890-6 | 2.8 | |