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Temporal trends in sperm count: a systematic review and meta-regression analysis

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708	[Life style and male fertility]. <b>2017</b> , 159, 50-54		2
707	The Spermatogonial Stem Cell and the Environment. <b>2017</b> , 205-223		
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705	Seasonal variation of semen parameters correlates with environmental temperature and air pollution: A big data analysis over 6 years. <b>2018</b> , 235, 806-813		54
704	The effectiveness of Korean medicine treatment in male patients with infertility: a study protocol for a prospective observational pilot study. <b>2018</b> , 97, e9696		2
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697	Can sex ratios at birth be used in the assessment of public health, and in the identification of causes of selected pathologies?. <b>2018</b> , 118, 15-21		6
696	The use of purified rat Leydig cells complements the H295R screen to detect chemical-induced alterations in testosterone production. <b>2018</b> , 98, 239-249		7
695	'Man Up': the importance and strategy for placing male reproductive health centre stage in the political and research agenda. <b>2018</b> , 33, 541-545		44

694	The impact of antenatal Bisphenol A exposure on male reproductive function at 20-22 years of age. <b>2018</b> , 36, 340-347	19
693	Testicular organoids: a new model to study the testicular microenvironment in vitro?. <i>Human Reproduction Update</i> , <b>2018</b> , 24, 176-191	15.8 39
692	Exposed Biologies and the Banking of Reproductive Vitality in China. <b>2018</b> , 23, 307-323	13
691	Male sleep duration and fecundability in a North American preconception cohort study. <b>2018</b> , 109, 453-459	26
690	Semen parameters over a 27-year period: is sperm changing or are we?. <b>2018</b> , 109, e50	
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688	EDC IMPACT: Reduced sperm counts in rats exposed to human relevant mixtures of endocrine disrupters. <b>2018</b> , 7, 139-148	21
687	Epigenomic and single-cell profiling of human spermatogonial stem cells. <b>2018</b> , 5, 11	1
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684	Declining Sperm Counts—Rather Not? A Mini Review. <b>2018</b> , 73, 595-605	8
683	[Impact of lifestyle and environmental factors on male reproductive health]. <b>2018</b> , 69, 996-1005	8
682	Effect of nut consumption on semen quality and functionality in healthy men consuming a Western-style diet: a randomized controlled trial. <b>2018</b> , 108, 953-962	30
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680	Intellectual Disability in Children Conceived Using Assisted Reproductive Technology. <b>2018</b> , 142,	15
679	Secular trends in semen parameters among men attending a fertility center between 2000 and 2017: Identifying potential predictors. <b>2018</b> , 121, 1297-1303	38
678	Untangling the Promises of Human Genome Editing. <b>2018</b> , 46, 991-1009	1
677	Impact of changes in human reproduction on the incidence of endocrine-related diseases. <b>2018</b> , 48, 789-795	5

676	The Effect of Nutrients and Dietary Supplements on Sperm Quality Parameters: A Systematic Review and Meta-Analysis of Randomized Clinical Trials. <b>2018</b> , 9, 833-848	52
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674	Fetal life shapes adult male reproductive function. <b>2018</b> , 2, 695-696	0
673	Diagnosing male infertility. <b>2018</b> , 363, k3202	1
672	Reproduktionsmedizin und Familiengründung   Potentiale sozialwissenschaftlicher Datensätze in Deutschland. <b>2018</b> , 30, 194-215	1
671	AMPK Function in Mammalian Spermatozoa. <b>2018</b> , 19,	20
670	Sperm imprinting integrity in seminoma patients?. <b>2018</b> , 10, 125	6
669	Cyanidin-3- O-glucoside at Low Doses Protected against 3-Chloro-1,2-propanediol Induced Testis Injury and Improved Spermatogenesis in Male Rats. <b>2018</b> , 66, 12675-12684	30
668	Chlorpyrifos Induction of Testicular-Cell Apoptosis through Generation of Reactive Oxygen Species and Phosphorylation of AMPK. <b>2018</b> , 66, 12455-12470	28
667	Positive association between cholesterol in human seminal plasma and sperm counts: results from a cross-sectional cohort study and immunohistochemical investigations. <b>2018</b> , 6, 817-828	9
666	Introduction: Impact of nutrition on reproduction: an overview. <b>2018</b> , 110, 557-559	6
665	Cap-Score   prospectively predicts probability of pregnancy. <b>2018</b> , 85, 654-664	16
664	Dietary Patterns and Poor Semen Quality Risk in Men: A Cross-Sectional Study. <b>2018</b> , 10,	19
663	Dietary patterns are positively associated with semen quality. <b>2018</b> , 109, 809-816	15
662	Environmental Toxins and Male Fertility. <b>2018</b> , 19, 50	52
661	Is genetic drift to blame for testicular dysgenesis syndrome in Semliki chimpanzees (Pan troglodytes schweinfurthii)? <b>2018</b> , 47, 257	2
660	Residential distance to major roadways and semen quality, sperm DNA integrity, chromosomal disomy, and serum reproductive hormones among men attending a fertility clinic. <b>2018</b> , 221, 830-837	10
659	Ubiquitous Flame-Retardant Toxicants Impair Spermatogenesis in a Human Stem Cell Model. <b>2018</b> , 3, 161-176	18

658 Male Infertility as a Marker of Future Health. **2018**, 47-67

657 Development of a decision tool to predict blastocyst formation. **2018**, 109, e49-e50

5

656 Ablation of Ggnbp2 impairs meiotic DNA double-strand break repair during spermatogenesis in mice. **2018**, 22, 4863-4874

5

655 Male Fertility Overview. **2018**, 408-415

2

654 Environmental Effects on Developing Germ Cells. **2018**, 452-458

1

653 Lambda-cyhalothrin delays pubertal Leydig cell development in rats. **2018**, 242, 709-717

10

652 The Possible Impact of Antenatal Exposure to Ubiquitous Phthalates Upon Male Reproductive Function at 20 Years of Age. **2018**, 9, 288

27

651 Thermal and non-thermal health effects of low intensity non-ionizing radiation: An international perspective. **2018**, 242, 643-658

80

650 Evaluation of testicular function in prepubertal children. **2018**, 62, 274-280

32

649 The association between urinary concentrations of phosphorous-containing flame retardant metabolites and semen parameters among men from a fertility clinic. **2018**, 221, 809-815

19

648 Type of underwear worn and markers of testicular function among men attending a fertility center. **2018**, 33, 1749-1756

13

647 On Becoming a Mathematical Demographer And the Career in Problem-Focused Inquiry that Followed. **2018**, 44, 1-17

9

646 Mixed "Antiandrogenic" Chemicals at Low Individual Doses Produce Reproductive Tract Malformations in the Male Rat. **2018**, 164, 166-178

35

645 Investigating the Glycating Effects of Glucose, Glyoxal and Methylglyoxal on Human Sperm. **2018**, 8, 9002

21

644 Customized MethylC-Capture Sequencing to Evaluate Variation in the Human Sperm DNA Methylome Representative of Altered Folate Metabolism. **2019**, 127, 87002

10

643 Diet and sperm quality: Nutrients, foods and dietary patterns. **2019**, 19, 219-224

32

642 Optimized combination of multiple biomarkers to improve diagnostic accuracy in male fertility. **2019**, 139, 106-112

7

641 Effect of low sperm quality on progeny: a study on zebrafish as model species. **2019**, 9, 11192

14

640	Pubertal orchestration of hormones and testis in primates. <b>2019</b> , 86, 1505-1530	6
639	Male Infertility Problem: A Contemporary Review on Present Status and Future Perspective. <b>2019</b> , 3, 247028971986824	9
638	Metabolic syndrome and smoking are independent risk factors of male idiopathic infertility. <b>2019</b> , 29, 9	15
637	Endocrine disrupters, semen quality and anogenital distance. <b>2019</b> , 7, 34-42	1
636	Paternal Environmental Toxicant Exposure and Risk of Adverse Pregnancy Outcomes. <b>2019</b> , 8, 103-113	3
635	Total Motile Sperm Count Trend Over Time: Evaluation of Semen Analyses From 119,972 Men From Subfertile Couples. <b>2019</b> , 132, 109-116	16
634	Urinary bisphenol S concentrations: Potential predictors of and associations with semen quality parameters among men attending a fertility center. <b>2019</b> , 131, 105050	23
633	Systemic arterial hypertension leads to decreased semen quality and alterations in the testicular microcirculation in rats. <b>2019</b> , 9, 11047	15
632	The present crisis in male reproductive health: an urgent need for a political, social, and research roadmap. <b>2019</b> , 7, 762-768	40
631	Low total motile sperm in transgender women seeking hormone therapy. <b>2019</b> , 36, 1639-1648	15
630	Gender Differences in the Experience of Infertility Concerning Polish Couples: Preliminary Research. <b>2019</b> , 16,	17
629	Effect of Nut Consumption on Erectile and Sexual Function in Healthy Males: A Secondary Outcome Analysis of the FERTINUTS Randomized Controlled Trial. <b>2019</b> , 11,	12
628	EDITORIAL COMMENT. <b>2019</b> , 132, 116	
627	WISEM. <b>2019</b> ,	7
626	Decreased total sperm counts in habitants of highly polluted areas of Eastern Sicily, Italy. <b>2019</b> , 26, 31368-31378	
625	Estrogen Receptor-Related DNA and Histone Methylation May Be Involved in the Transgenerational Disruption in Spermatogenesis by Selective Toxic Chemicals. <b>2019</b> , 10, 1012	4
624	Epigenetic transgenerational inheritance of testis pathology and Sertoli cell epimutations: generational origins of male infertility. <b>2019</b> , 5, dvz013	12
623	Adherence to diet quality indices in relation to semen quality and reproductive hormones in young men. <b>2019</b> , 34, 1866-1875	6

622	Prenatal Exposure to Environmentally-Relevant Contaminants Perturbs Male Reproductive Parameters Across Multiple Generations that are Partially Protected by Folic Acid Supplementation. <b>2019</b> , 9, 13829	8
621	Dietary Micronutrient Supplementation for 12 Days in Obese Male Mice Restores Sperm Oxidative Stress. <b>2019</b> , 11,	11
620	The forgotten men: rising rates of male infertility urgently require new approaches for its prevention, diagnosis and treatment. <b>2019</b> , 101, 872-874	19
619	Male fertility: a window on the health of this generation and the next. <b>2019</b> , 39, 721-723	1
618	Paraben Toxicology. <b>2019</b> , 30, 32-45	28
617	The telomere bouquet is a hub where meiotic double-strand breaks, synapsis, and stable homolog juxtaposition are coordinated in the zebrafish, <i>Danio rerio</i> . <b>2019</b> , 15, e1007730	34
616	Integrating Signals from Sperm Methylation Analysis and Genome-Wide Association Study for a Better Understanding of Male Fertility in Cattle. <b>2019</b> , 3,	9
615	The impact of sociodemographic characteristics, lifestyle, work exposure and medical history on semen parameters in young Chinese men: A cross-sectional study. <b>2019</b> , 51, e13324	8
614	In vitro effects of single and binary mixtures of regulated mycotoxins and persistent organochloride pesticides on steroid hormone production in MA-10 Leydig cell line. <b>2019</b> , 60, 272-280	6
613	Associations between male reproductive health and exposure to endocrine-disrupting chemicals. <b>2019</b> , 7, 49-61	12
612	Testosterone levels after treatment with urofollitropin in infertile patients with idiopathic mild reduction of testicular volume. <b>2019</b> , 66, 381-385	2
611	Effects of Insulin on Porcine Neonatal Sertoli Cell Responsiveness to FSH In Vitro. <b>2019</b> , 8,	4
610	Substance Abuse and Male Hypogonadism. <b>2019</b> , 8,	21
609	Seminal plasma metabolome in relation to semen quality and urinary phthalate metabolites among Chinese adult men. <b>2019</b> , 129, 354-363	32
608	Proposed Key Characteristics of Male Reproductive Toxicants as an Approach for Organizing and Evaluating Mechanistic Evidence in Human Health Hazard Assessments. <b>2019</b> , 127, 65001	30
607	Semen quality of young men in Switzerland: a nationwide cross-sectional population-based study. <b>2019</b> , 7, 818-826	12
606	The influence of omega-3 fatty acids on semen quality markers: a systematic PRISMA review. <b>2019</b> , 7, 794-803	16
605	Diagnostics of DNA fragmentation in human spermatozoa: Are sperm chromatin structure analysis and sperm chromatin dispersion tests (SCD-HaloSpermG2 ) comparable?. <b>2019</b> , 51, e13316	10

604	Mathematical Models of FertilizationAn Eco-Evolutionary Perspective. <b>2019</b> , 94, 177-208	6
603	Early Identification of Isolated Sertoli Cell Dysfunction in Prepubertal and Transition Age: Is It Time?. <b>2019</b> , 8,	4
602	Knockout of MCT1 results in total absence of spermatozoa, sex hormones dysregulation, and morphological alterations in the testicular tissue. <b>2019</b> , 378, 333-339	2
601	Association of Exposure to Ambient Fine Particulate Matter Constituents With Semen Quality Among Men Attending a Fertility Center in China. <b>2019</b> , 53, 5957-5965	27
600	Rückgang der Spermienqualität: Umweltmedizinische Ursachen. <b>2019</b> , 11, 48-55	
599	Molecular Mechanisms and Signaling Pathways Involved in Sertoli Cell Proliferation. <b>2019</b> , 10, 224	79
598	Sperm chromatin structure assay high DNA stainability sperm as a marker of early miscarriage after intracytoplasmic sperm injection. <b>2019</b> , 112, 46-53.e2	22
597	Obesity and male hypogonadism: Tales of a vicious cycle. <b>2019</b> , 20, 1148-1158	24
596	Populations, decreasing fertility, and reproductive health. <b>2019</b> , 393, 1500-1501	20
595	Diet Supplemented with Antioxidant and Anti-Inflammatory Probiotics Improves Sperm Quality after Only One Spermatogenic Cycle in Zebrafish Model. <b>2019</b> , 11,	10
594	Mercury at environmental relevant levels affects spermatozoa function and fertility capacity in bovine sperm. <b>2019</b> , 82, 268-278	8
593	Pregnancy drugs, fetal germline epigenome, and risks for next-generation pathology: A call to action. <b>2019</b> , 60, 445-454	24
592	Adherence to the Mediterranean diet is positively associated with sperm motility: A cross-sectional analysis. <b>2019</b> , 9, 3389	13
591	Independent and combined effects of diethylhexyl phthalate and polychlorinated biphenyl 153 on sperm quality in the human and dog. <b>2019</b> , 9, 3409	27
590	Associations between major dietary patterns and testicular function in a population-based cohort of young men: results from the Western Australian Pregnancy Cohort (Raine) Study. <b>2019</b> , 7, 273-280	2
589	Human Semen Quality, Sperm DNA Damage, and the Level of Urinary Concentrations of 1N and TCPY, the Biomarkers of Nonpersistent Insecticides. <b>2019</b> , 13, 1557988318816598	13
588	Double-blind, randomised, placebo-controlled trial on the effect of L-carnitine and L-acetylcarnitine on sperm parameters in men with idiopathic oligoasthenozoospermia. <b>2019</b> , 51, e13267	40
587	Effects of maternal inhalation of carbon black nanoparticles on reproductive and fertility parameters in a four-generation study of male mice. <b>2019</b> , 16, 13	11



586	Presence of the vitamin D inactivating enzyme CYP24A1 in human sperm and prediction of the success of intrauterine insemination: A prospective study. <b>2019</b> , 191, 105353	1
585	Sperm selection methods in the 21st century. <b>2019</b> , 101, 1076-1082	26
584	ENU-induced mutant allele of Dnah1, ferf1, causes abnormal sperm behavior and fertilization failure in mice. <b>2019</b> , 86, 416-425	7
583	Perinatal Exposure to Glyphosate and a Glyphosate-Based Herbicide Affect Spermatogenesis in Mice. <b>2019</b> , 169, 260-271	33
582	High-fat diets reduce male reproductive success in animal models: A systematic review and meta-analysis. <b>2019</b> , 20, 921-933	35
581	Changes in the lifestyle and feeding habits that could improve the planet and human health: the reproductive case. <b>2019</b> , 9, 458	
580	Association between polychlorinated biphenyl 153 exposure and serum testosterone levels: analysis of the National Health and Nutrition Examination Survey. <b>2019</b> , 8, 666-672	6
579	Sperm DNA Methylation Epimutation Biomarkers for Male Infertility and FSH Therapeutic Responsiveness. <b>2019</b> , 9, 16786	29
578	Machine Learning-Based Analysis of Sperm Videos and Participant Data for Male Fertility Prediction. <b>2019</b> , 9, 16770	16
577	Forty years of assisted reproductive technologies (ARTs): the evolution of a marketplace icon. <b>2019</b> , 1-11	6
576	Effect of Dietary -3 Source on Rabbit Male Reproduction. <b>2019</b> , 2019, 3279670	17
575	Infertility management in women and men attending primary care-patient characteristics, management actions and referrals. <b>2019</b> , 34, 2173-2183	5
574	AUTHOR REPLY. <b>2019</b> , 132, 116	
573	Semen quality and cigarette smoking in a cohort of healthy fertile men. <b>2019</b> , 3, e055	9
572	Male infertility and environmental factors. <b>2019</b> , 4, e28-e28	2
571	Features of the metabolic syndrome in late adolescence are associated with impaired testicular function at 20 years of age. <b>2019</b> , 34, 389-402	8
570	Meat intake in relation to semen quality and reproductive hormone levels among young men in Spain. <b>2019</b> , 121, 451-460	6
569	Social support modifies an association between work stress and semen quality: Results from 384 Chinese male workers. <b>2019</b> , 117, 65-70	6

568	Does the Evidence Support Adolescent Varicocelelectomy?. <b>2019</b> , 75, 462-463	1
567	Association between BMI and semen quality: an observational study of 3966 sperm donors. <b>2019</b> , 34, 155-162	27
566	Sperm mitochondrial DNA measures and semen parameters among men undergoing fertility treatment. <b>2019</b> , 38, 66-75	10
565	Homocysteine Modification in Protein Structure/Function and Human Disease. <b>2019</b> , 99, 555-604	82
564	Nutrition, environnement et fertilit� masculine. <b>2019</b> , 54, 92-99	0
563	Oxidative Stress and Sperm Dysfunction. <b>2019</b> , 261-275	3
562	Chromatin condensation, fragmentation of DNA and differences in the epigenetic signature of infertile men. <b>2019</b> , 33, 117-126	15
561	Quantitative Proteomics Identification of Seminal Fluid Proteins in Male. <b>2019</b> , 18, S46-S58	38
560	An update on semen quality among young Finnish men and comparison with Danish data. <b>2019</b> , 7, 15-23	6
559	'One of the good guys': sperm donor masculinity and the falling Danish sperm count discourse. <b>2019</b> , 21, 495-509	2
558	Metal/metalloid levels in urine and seminal plasma in relation to computer-aided sperm analysis motion parameters. <b>2019</b> , 214, 791-800	13
557	SNP's in xenobiotic metabolism and male infertility. <b>2020</b> , 50, 363-370	2
556	Which chemicals should be grouped together for mixture risk assessments of male reproductive disorders?. <b>2020</b> , 499, 110581	25
555	Vitamin D status is not associated with reproductive parameters in young Spanish men. <b>2020</b> , 8, 323-331	6
554	Erectile Dysfunction is Predictive Symptom for Poor Semen in Newlywed Men in Japan. <b>2020</b> , 8, 21-29	3
553	More pesticides-less children?. <b>2020</b> , 132, 197-204	2
552	The current status and future of andrology: A consensus report from the Cairo workshop group. <b>2020</b> , 8, 27-52	11
551	Interplay between paternal germline and maternal effects in shaping development: The overlooked importance of behavioural ecology. <b>2020</b> , 34, 401-413	10

550	Rebuilding the human testis in vitro. <b>2020</b> , 8, 825-834	18
549	The Role of Number of Copies, Structure, Behavior and Copy Number Variations (CNV) of the Y Chromosome in Male Infertility. <b>2019</b> , 11,	8
548	Fatty acids, food groups and semen variables in men referring to an Italian Fertility Clinic: Cross-sectional analysis of a prospective cohort study. <b>2020</b> , 52, e13505	1
547	The characteristics of seminal fluid and the forensic tests available to identify it. <b>2020</b> , 2,	1
546	Cyanidin-3-O-glucoside restores spermatogenic dysfunction in cadmium-exposed pubertal mice via histone ubiquitination and mitigating oxidative damage. <b>2020</b> , 387, 121706	24
545	Sleep duration and quality in relation to semen quality in healthy men screened as potential sperm donors. <b>2020</b> , 135, 105368	15
544	Association between ambient temperature and semen quality: A longitudinal study of 10 802 men in China. <b>2020</b> , 135, 105364	14
543	In-vitro spermatogenesis through testis modelling: Toward the generation of testicular organoids. <b>2020</b> , 8, 879-891	15
542	The social construction of male infertility: a qualitative questionnaire study of men with a male factor infertility diagnosis. <b>2020</b> , 42, 465-480	7
541	Economics for the future Beyond the superorganism. <b>2020</b> , 169, 106520	29
540	Associations of blood trihalomethanes with semen quality among 1199 healthy Chinese men screened as potential sperm donors. <b>2020</b> , 134, 105335	4
539	The City of Grace. <b>2020</b> ,	1
538	The Uruguayan semen donor population: A twenty-eight-year retrospective study. <b>2020</b> , 52, e13502	3
537	Sperm mitochondrial DNA biomarkers and couple fecundity. <b>2020</b> , 35, 2619-2625	6
536	Analysis of age-associated alternation of SCSA sperm DNA fragmentation index and semen characteristics of 1790 subfertile males in China. <b>2020</b> , 34, e23548	2
535	The association between animal flesh foods consumption and semen parameters among infertile Iranian men: a cross-sectional study. <b>2020</b> , 19, 113	0
534	Food-grade titanium dioxide (E171) induces anxiety, adenomas in colon and goblet cells hyperplasia in a regular diet model and microvesicular steatosis in a high fat diet model. <b>2020</b> , 146, 111786	6
533	The Sins of Our Forefathers: Paternal Impacts on De Novo Mutation Rate and Development. <b>2020</b> , 54, 1-24	13

532	Phytoestrogen intake and other dietary risk factors for low motile sperm count and poor sperm morphology. <b>2020</b> , 8, 1805-1814	4
531	Roles of AMP-Activated Protein Kinase (AMPK) in Mammalian Reproduction. <b>2020</b> , 8, 593005	6
530	Antioxidant pretreatment for male partner before ART for male factor subfertility: a randomized controlled trial. <b>2020</b> , 2020, hoaa050	6
529	Low Testosterone and Semen Parameters in Male Partners of Infertile Couples Undergoing IVF with a Total Sperm Count Greater than 5 Million. <b>2020</b> , 9,	3
528	Exogenous Oestrogen Impacts Cell Fate Decision in the Developing Gonads: A Potential Cause of Declining Human Reproductive Health. <b>2020</b> , 21,	5
527	Animal Models for Endometriosis. <b>2020</b> ,	1
526	Influence of Lifestyle and Environmental Factors on Semen Quality in Ghanaian Men. <b>2020</b> , 2020, 6908458	3
525	Association between male infertility and male-specific malignancies: systematic review and meta-analysis of population-based retrospective cohort studies. <b>2020</b> , 114, 984-996	10
524	Metabolomic signature of the seminal plasma in men with severe oligoasthenospermia. <b>2020</b> , 8, 1859-1866	8
523	Phthalate exposure and semen quality in infertile male population from Tianjin, China: Associations and potential mediation by reproductive hormones. <b>2020</b> , 744, 140673	8
522	Progesterone, spermatozoa and reproduction: An updated review. <b>2020</b> , 516, 110952	9
521	High spatially sensitive quantitative phase imaging assisted with deep neural network for classification of human spermatozoa under stressed condition. <b>2020</b> , 10, 13118	8
520	Sexually dimorphic reproductive defects in zebrafish with spo11 mutation. <b>2020</b> , 51, 4916-4924	4
519	Regional difference in semen quality of young men: a review on the implication of environmental and lifestyle factors during fetal life and adulthood. <b>2020</b> , 30, 16	6
518	Gamete preservation: knowledge, concerns and intentions of Israeli and Danish students regarding egg and sperm freezing. <b>2020</b> , 41, 957-965	2
517	The combined effect of obesity and aging on human sperm DNA methylation signatures: inclusion of BMI in the paternal germ line age prediction model. <b>2020</b> , 10, 15409	2
516	Study of Semen Quality, Reproductive Hormone Levels, and Lipid Levels in Men From Arkhangelsk, a City in North of European Russia. <b>2020</b> , 14, 1557988320939714	6
515	The Effect of Genetically Modified Food on Infertility Indices: A Systematic Review Study. <b>2020</b> , 2020, 1424789	3

514	Estrogen suppresses SOX9 and activates markers of female development in a human testis-derived cell line. <b>2020</b> , 21, 66	6
513	Molecular Alterations in Spermatozoa of a Family Case Living in the Land of Fires. A First Look at Possible Transgenerational Effects of Pollutants. <b>2020</b> , 21,	22
512	An age-based sperm nomogram: the McGill reference guide. <b>2020</b> , 35, 2213-2225	5
511	Metabolic diseases affect male reproduction and induce signatures in gametes that may compromise the offspring health. <b>2020</b> , 6, dvaa019	7
510	Peripubertal serum concentrations of organochlorine pesticides and semen parameters in Russian young men. <b>2020</b> , 144, 106085	8
509	Burdens and awareness of adverse self-reported lifestyle factors in men with sub-fertility: A cross-sectional study in 1149 men. <b>2020</b> , 93, 312-321	4
508	Varicocele Repair Prior to Assisted Reproductive Technology: Patient Selection and Special Considerations. <b>2020</b> , 12, 149-156	0
507	Reproductive health, fairness, and optimal policies. <b>2020</b> , 22, 1213-1244	1
506	Cryopreservation of single-sperm: where are we today?. <b>2020</b> , 18, 41	14
505	Plastics derived endocrine-disrupting compounds and their effects on early development. <b>2020</b> , 112, 1308-1325	26
504	ENDOCRINE-DISRUPTING CHEMICALS. <b>2020</b> , 535-554	0
503	Male factor infertility: genetic and epigenetic aspects. <b>2020</b> , 123-142	
502	Diet and Nutritional Factors in Male (In)fertility-Underestimated Factors. <b>2020</b> , 9,	26
501	Sperm count affects cumulative birth rate of assisted reproduction cycles in relation to ovarian response. <b>2020</b> , 37, 1653-1659	7
500	Reasons for worldwide decline in male fertility. <b>2020</b> , 30, 296-301	24
499	Changes in seminal parameters among Brazilian men between 1995 and 2018. <b>2020</b> , 10, 6430	5
498	Manganese exposure caused reproductive toxicity of male mice involving activation of GnRH secretion in the hypothalamus by prostaglandin E2 receptors EP1 and EP2. <b>2020</b> , 201, 110712	6
497	Preconceptional Maternal Vegetable Intake and Paternal Smoking Are Associated with Pre-implantation Embryo Quality. <b>2020</b> , 27, 2018-2028	2

496	DNA Fragmentation in Viable and Non-Viable Spermatozoa Discriminates Fertile and Subfertile Subjects with Similar Accuracy. <b>2020</b> , 9,	2
495	The Impact of Prenatal Exposure to Bisphenol A on Male Reproductive Function. <b>2020</b> , 11, 320	5
494	Zero-Order Catalysis in TAML-Catalyzed Oxidation of Imidacloprid, a Neonicotinoid Pesticide. <b>2020</b> , 26, 7631-7637	8
493	Male alcohol consumption and fecundability. <b>2020</b> , 35, 816-825	4
492	Endocrine Disruptors: Very Low Doses with Genuinely High Impacts on Male Reproduction. <b>2020</b> ,	
491	Alginate oligosaccharides improve germ cell development and testicular microenvironment to rescue busulfan disrupted spermatogenesis. <b>2020</b> , 10, 3308-3324	32
490	Exposure by males to light emitted from media devices at night is linked with decline of sperm quality and correlated with sleep quality measures. <b>2020</b> , 37, 414-424	11
489	The impact of nutrition and lifestyle on male fertility. <b>2020</b> , 92,	6
488	Metformin Ameliorates Testicular Function and Spermatogenesis in Male Mice with High-Fat and High-Cholesterol Diet-Induced Obesity. <b>2020</b> , 12,	11
487	Hsa-miR-1908-3p Mediates the Self-Renewal and Apoptosis of Human Spermatogonial Stem Cells via Targeting KLF2. <b>2020</b> , 20, 788-800	11
486	The Association Between Race, Obesity, and Sperm Quality Among Men Attending a University Physician Practice in Washington, DC. <b>2020</b> , 14, 1557988320925985	3
485	Nonsurgical Management of Oligozoospermia. <b>2020</b> , 105,	4
484	The Early Life Influences on Male Reproductive Health. <b>2020</b> ,	0
483	Relevance of Fatty Acids to Sperm Maturation and Quality. <b>2020</b> , 2020, 7038124	21
482	Adaptation of Human Testicular Niche Cells for Pluripotent Stem Cell and Testis Development Research. <b>2020</b> , 17, 223-235	3
481	Low Testosterone in Adolescents & Young Adults. <b>2019</b> , 10, 916	9
480	Effects of nonsteroidal anti-inflammatory drug (NSAID) use upon male gonadal function: A national, population-based study. <b>2020</b> , 52, e13542	1
479	Association of Dietary Patterns With Testicular Function in Young Danish Men. <b>2020</b> , 3, e1921610	17

478	Effects of particulate matter exposure on semen quality: A retrospective cohort study. <b>2020</b> , 193, 110319	15
477	Impairment of spermatogenesis and sperm motility by the high-fat diet-induced dysbiosis of gut microbes. <b>2020</b> , 69, 1608-1619	51
476	New insights to guide patient care: the bidirectional relationship between male infertility and male health. <b>2020</b> , 113, 469-477	30
475	Male infertility: A proximate look at the advanced glycation end products. <b>2020</b> , 93, 169-177	3
474	Human sperm phosphoproteome reveals differential phosphoprotein signatures that regulate human sperm motility. <b>2020</b> , 215, 103654	11
473	A paternal hypercaloric diet affects the metabolism and fertility of F1 and F2 Wistar rat generations. <b>2020</b> , 11, 653-663	7
472	Associations of Fish Oil Supplement Use With Testicular Function in Young Men. <b>2020</b> , 3, e1919462	12
471	More Evidence of the Association of Diet With Human Testicular Function-Fish Oil Supplements. <b>2020</b> , 3, e1919569	0
470	Microfluidics in male reproduction: is ex vivo culture of primate testis tissue a future strategy for ART or toxicology research?. <b>2020</b> , 26, 179-192	8
469	Analyzing Online Twitter Discussion for Male Infertility via the Hashtag #MaleInfertility. <b>2020</b> , 7, 68-74	2
468	Attenuation of sleep deprivation dependent deterioration in male fertility parameters by vitamin C. <b>2020</b> , 18, 2	9
467	The effects of postnatal exposure of endocrine disruptors on testicular function: a systematic review and a meta-analysis. <b>2020</b> , 19, 157-169	0
466	Combination therapy with antioxidants improves total motile sperm counts: A Preliminary Study. <b>2020</b> , 19, 89-94	13
465	Body mass index and age correlate with antioxidant supplementation effects on sperm quality: Post hoc analyses from a double-blind placebo-controlled trial. <b>2020</b> , 52, e13523	9
464	Effect and mechanism of PI3K/AKT/mTOR signaling pathway in the apoptosis of GC-1 'cells induced by nickel nanoparticles. <b>2020</b> , 255, 126913	13
463	Underestimated environmental factors contributing to autism spectrum disorders. <b>2020</b> , 63-86	
462	Male Infertility and the Future of In Vitro Fertilization. <b>2020</b> , 47, 257-270	4
461	The study and manipulation of spermatogonial stem cells using animal models. <b>2020</b> , 380, 393-414	13

460	Male Infertility is a Women's Health Issue-Research and Clinical Evaluation of Male Infertility Is Needed. <b>2020</b> , 9,	21
459	Ambient air pollution and male fecundity: A retrospective analysis of longitudinal data from a Chinese human sperm bank (2013-2018). <b>2020</b> , 186, 109528	8
458	The Crisis of Regeneration in Ruth Ozeki's <i>My Year of Meats</i> and <i>All Over Creation</i> . <b>2020</b> , 45, 73-94	1
457	The effect of sleep on men's health. <b>2020</b> , 9, S178-S185	4
456	Future diagnostics in male infertility: genomics, epigenetics, metabolomics and proteomics. <b>2020</b> , 9, S195-S205	4
455	Reactive Oxygen Species and Male Fertility. <b>2020</b> , 9,	7
454	Semen infections in men with primary infertility in the real-life setting. <b>2020</b> , 113, 1174-1182	16
453	Do lifestyle practices impede male fertility?. <b>2021</b> , 53, e13595	26
452	Male fertility preservation-Methods, indications and challenges. <b>2021</b> , 53, e13635	3
451	Persistent organic pollutants and couple fecundability: a systematic review. <i>Human Reproduction Update</i> , <b>2021</b> , 27, 339-366	15.8 10
450	Evaluation of testicular structure in mice after exposure to environmentally relevant doses of manganese during critical windows of development. <b>2021</b> , 207, 111537	0
449	Is Infertility a Predictor of Prostate Cancer?. <b>2021</b> , 79, 241-242	0
448	Mechanisms by Which SARS-CoV-2 May Impact Male Fertility. <b>2021</b> , 28, 332-333	1
447	Male reproductive toxicity of perfluorooctanoate (PFOA): Rodent studies. <b>2021</b> , 270, 128608	5
446	Male factor infertility trends throughout the last 10 years: Report from a tertiary-referral academic andrology centre. <b>2021</b> , 9, 610-617	8
445	Substance P restores spermatogenesis in busulfan-treated mice: A new strategy for male infertility therapy. <b>2021</b> , 133, 110868	1
444	Leukocytospermia in late adolescents: possible clinical interpretations. <b>2021</b> , 44, 1525-1531	1
443	Male infertility. <b>2021</b> , 397, 319-333	103



442	A bibliometric analysis of obstetrics and gynecology articles with highest relative citation ratios, 1980 to 2019. <b>2021</b> , 3, 100293	6
441	Male infertility due to testicular disorders. <b>2021</b> , 106, e442-e459	6
440	Postnatal metformin treatment alters rat Sertoli cell proliferation and daily sperm production. <b>2021</b> , 9, 965-976	3
439	Asbestos, leaded petrol, and other aberrations: comparing countries' regulatory responses to disapproved products and technologies. <b>2021</b> , 28, 201-233	1
438	Is there a temporal trend in semen quality in Belgian candidate sperm donors and in sperm donors' fertility potential from 1995 onwards?. <b>2021</b> , 9, 846-853	2
437	Normal sperm parameters per se do not reliably account for fertility: A case-control study in the real-life setting. <b>2021</b> , 53, e13861	9
436	Sperm DNA methylation changes after short-term nut supplementation in healthy men consuming a Western-style diet. <b>2021</b> , 9, 260-268	4
435	Editorial: the dark side of innovation. <b>2021</b> , 28, 102-112	19
434	Association of Obstructive Sleep Apnea With the Risk of Male Infertility in Taiwan. <b>2021</b> , 4, e2031846	4
433	Testicular Stem Cell Dysfunction Due to Environmental Insults Could Be Responsible for Deteriorating Reproductive Health of Men. <b>2021</b> , 28, 649-658	2
432	Next-generation sequencing: toward an increase in the diagnostic yield in patients with apparently idiopathic spermatogenic failure. <b>2021</b> , 23, 24-29	9
431	A global approach to addressing the policy, research and social challenges of male reproductive health. <b>2021</b> , 2021, hoab009	6
430	YTHDF2 is essential for spermatogenesis and fertility by mediating a wave of transcriptional transition in spermatogenic cells. <b>2021</b> , 53, 1702-1712	0
429	Male Sexual and Reproductive Health. <b>2021</b> ,	0
428	Clinical Andrologists: Do We Really Need Them in the Era of ART?. <b>2021</b> , 14, 105-112	
427	Highly Cited Articles in the Field of Male Infertility and Antioxidants: A Scientometric Analysis. <b>2021</b> , 39, 760-775	2
426	Exploring the potential impact of nutritionally actionable genetic polymorphisms on idiopathic male infertility: a review of current evidence. <b>2021</b> , 23, 441-449	0
425	Overview on the clinical presentation and indication. <b>2021</b> , 27-35	

424	Sperm Morphology Assessment in the Era of Intracytoplasmic Sperm Injection: Reliable Results Require Focus on Standardization, Quality Control, and Training. <b>2021</b> ,	3
423	Mechanistic puzzles from Iron(III) TAML activators including substrate inhibition, zero-order and dual catalysis. <b>2021</b> ,	1
422	Plastic and Toxic Chemical-Induced Ocean Acidification Is Causing a Plankton Crisis and Will Devastate Humanity in the Next 25 Years..	1
421	Is Decreasing Sperm Concentrations a Sign of a General Decay in Fertility Potential?. <b>2021</b> , 39-45	
420	Stay cool! Special underwear for cyclic cooling significantly decreases scrotal skin temperature. <b>2021</b> , 74, 468-470	0
419	The Seminiferous Epithelial Cycle of Spermatogenesis: Role of Non-receptor Tyrosine Kinases. <b>2021</b> , 1288, 1-20	0
418	Extracellular vesicle cargo of the male reproductive tract and the paternal preconception environment. <b>2021</b> , 67, 103-111	0
417	Care to Wager Again? An Appraisal of Paul Ehrlich's Counterbet Offer to Julian Simon, Part 1: Outcomes. <b>2021</b> , 102, 786-807	4
416	Male cellular telephone exposure, fecundability, and semen quality: results from two preconception cohort studies. <b>2021</b> , 36, 1395-1404	3
415	Perspectives of Nanoparticles in Male Infertility: Evidence for Induced Abnormalities in Sperm Production. <b>2021</b> , 18,	13
414	Effects of the endocrine disruptor vinclozolin in male reproduction: a systematic review and meta-analysis <b>2021</b> , 104, 962-975	1
413	Care to Wager Again? An Appraisal of Paul Ehrlich's Counterbet Offer to Julian Simon, Part 2: Critical Analysis. <b>2021</b> , 102, 808-829	4
412	<del>β</del> Carotene Rescues Busulfan Disrupted Spermatogenesis Through Elevation in Testicular Antioxidant Capability. <b>2021</b> , 12, 593953	2
411	Mitochondria: their role in spermatozoa and in male infertility. <i>Human Reproduction Update</i> , <b>2021</b> , 27, 697-719	15.8 16
410	Y-Chromosome Microdeletions: A Review of Prevalence, Screening, and Clinical Considerations. <b>2021</b> , 14, 51-59	4
409	Iprodione and chlorpyrifos induce testicular damage, oxidative stress, apoptosis and suppression of steroidogenic- and spermatogenic-related genes in immature male albino rats. <b>2021</b> , 53, e13978	3
408	Temporal Trend of Conventional Sperm Parameters in a Sicilian Population in the Decade 2011-2020. <b>2021</b> , 10,	3
407	Location, location, location-where you are born may determine your reproductive (and more general) health. <b>2021</b> , 36, 1171-1174	0

406	Human placental mesenchymal stem cells ameliorate chemotherapy-induced damage in the testis by reducing apoptosis/oxidative stress and promoting autophagy. <b>2021</b> , 12, 199	1
405	The lifetime cost of reproductive potential [who spends the most?]	
404	The ED/TEG Indicator for the Identification of Endocrine Disrupting or Toxic Effects on Endocrine Glands of Crop Protection Products Used in Organic and Conventional Agriculture in France. <b>2021</b> , 18,	1
403	Ectopic expression of BBS1 rescues male infertility, but not retinal degeneration, in a BBS1 mouse model. <b>2021</b> ,	2
402	Dietary Antioxidants in the Treatment of Male Infertility: Counteracting Oxidative Stress. <b>2021</b> , 10,	11
401	Influence of Cooperative Learning Intervention on the Intrinsic Motivation of Physical Education Students-A Meta-Analysis within a Limited Range. <b>2021</b> , 18,	4
400	Low Doses of Glyphosate/Roundup Alter Blood-Testis Barrier Integrity in Juvenile Rats. <b>2021</b> , 12, 615678	2
399	Environmental chemicals in dog testes reflect their geographical source and may be associated with altered pathology. <b>2021</b> , 11, 7361	2
398	Testicular Growth and Pubertal Onset in GH-Deficient Children Treated With Growth Hormone: A Retrospective Study. <b>2021</b> , 12, 619895	1
397	The prevalence of male rotating shift work correlates with reduced total fertility rate: an ecological study of 54,734 reproductive-aged males in 35 European countries between 2000 and 2015. <b>2021</b> , 38, 1072-1082	4
396	Association between meteorological variables and semen quality: a retrospective study. <b>2021</b> , 65, 1399-1414	o
395	Phthalates in albumin from human serum: implications for assisted reproductive technology. <b>2021</b> , 2, 160-168	
394	Unraveling the Balance between Genes, Microbes, Lifestyle and the Environment to Improve Healthy Reproduction. <b>2021</b> , 12,	o
393	Hormonally Active Contraceptives, Part II: Sociological, Environmental, and Economic Impact. <b>2021</b> , 88, 291-316	
392	Effectiveness of acupuncture for asthenozoospermia: A protocol for systematic review and meta-analysis. <b>2021</b> , 100, e25711	o
391	The effect of SiNPs on DNA methylation of genome in mouse spermatocytes. <b>2021</b> , 28, 43684-43697	1
390	Impact of organochlorine pollutants on semen parameters of infertile men in Pakistan. <b>2021</b> , 195, 110832	6
389	Evaluation of maternal high-fat diet and Quercetin-3-O-rutinoside treatment on the reproductive profile of diet naïve male offspring. <b>2021</b> , 271, 119179	o

388	Evolutionary consequences of environmental effects on gamete performance. <b>2021</b> , 376, 20200122	5
387	Inheritable testicular metabolic memory of high-fat diet causes transgenerational sperm defects in mice. <b>2021</b> , 11, 9444	8
386	The future of sperm: a biovariability framework for understanding global sperm count trends. <b>2021</b> , 1-15	5
385	Decline in semen quality of North African men: a retrospective study of 20,958 sperm analyses of men from different North African countries tested in Tunisia over a period of 6 years (2013-2018). <b>2021</b> , 48, 350-359	0
384	Semen quality as a potential susceptibility indicator to SARS-CoV-2 insults in polluted areas. <b>2021</b> , 28, 37031-37040	9
383	Trends in time-to-pregnancy in the USA: 2002 to 2017. <b>2021</b> , 36, 2331-2338	0
382	Evaluation of the effect of shift working and sleep quality on semen parameters in men attending infertility clinic. <b>2021</b> , 53, e14116	2
381	Diet effects on mouse meiotic recombination: a warning for recombination studies.	
380	Interactive Effects of Unhealthy Lifestyle Behaviors on Testicular Function among Healthy Adult Men: A Cross-Sectional Study in Taiwan. <b>2021</b> , 18,	1
379	Regional and ethnic differences in semen quality and reproductive hormones in Russia: A Siberian population-based cohort study of young men. <b>2021</b> , 9, 1512-1525	4
378	Temporal trends in semen concentration and count among 327 373 Chinese healthy men from 1981 to 2019: a systematic review. <b>2021</b> , 36, 1751-1775	3
377	Associations between blood metal/ metalloid concentration and human semen quality and sperm function: A cross-sectional study in Hong Kong. <b>2021</b> , 65, 126735	3
376	And When I Die: Theory of Planned Behavior as Applied to Sperm Cryopreservation. <b>2021</b> , 9,	2
375	Clarifying the relationship between total motile sperm counts and intrauterine insemination pregnancy rates. <b>2021</b> , 115, 1454-1460	1
374	A Network Pharmacology Approach to Reveal the Underlying Mechanisms of Zuogui Yin in the Treatment of Male Infertility. <b>2021</b> , 24, 803-813	0
373	Whole-Exome Sequencing Analysis of Human Semen Quality in Russian Multiethnic Population. <b>2021</b> , 12, 662846	1
372	The Fertility Outcome of Royal Jelly versus Intra Uterine Insemination: A Pilot Randomized Controlled Trial Study. <b>2021</b> , 16,	
371	Semen quality and windows of susceptibility: A case study during COVID-19 outbreak in China. <b>2021</b> , 197, 111085	2

370	Functional and Taxonomic Dysbiosis of the Gut, Urine, and Semen Microbiomes in Male Infertility. <b>2021</b> , 79, 826-836	20
369	Effect of Copper Sulphate and Cadmium Chloride on Non-Human Primate Sperm Function In Vitro. <b>2021</b> , 18,	2
368	THE COMPARISON OF CIGARETTE CONSUMPTION TOWARDS SEMEN ANALYSIS IN ANDROLOGY POLYCLINIC OF DR. SOETOMO GENERAL ACADEMIC HOSPITAL, SURABAYA, INDONESIA IN 2017. <b>2021</b> , 31, 31	
367	Correlation among isolated teratozoospermia, sperm DNA fragmentation and markers of systemic inflammation in primary infertile men. <b>2021</b> , 16, e0251608	2
366	Paternity After Treatment for Testicular Germ Cell Cancer: A Danish Nationwide Population-Based Cohort Study. <b>2021</b> ,	0
365	Advances in sperm analysis: techniques, discoveries and applications. <b>2021</b> , 18, 447-467	3
364	Oxidative Stress & Male Infertility - A necessary and conflicted indissociable marriage: How and when to call for evaluation?. <b>2021</b> , 47, 686-689	1
363	Air Pollution and COVID-19: A Possible Dangerous Synergy for Male Fertility. <b>2021</b> , 18,	9
362	Obstetrical outcomes of ART pregnancies in patients with male factor infertility. <b>2021</b> , 38, 2173-2182	1
361	Using fish spermatozoa in in vitro toxicity tests: A potential toxicology tool. <b>2021</b> , 539, 736647	3
360	Reproductive Health Risks Associated with Occupational and Environmental Exposure to Pesticides. <b>2021</b> , 18,	10
359	Relevance of sperm imprinted gene methylation on assisted reproductive technique outcomes and pregnancy loss: a systematic review. <b>2021</b> , 67, 251-259	6
358	Exposure to multiple metals/metalloids and human semen quality: A cross-sectional study. <b>2021</b> , 215, 112165	10
357	Glyphosate Interaction with eEF1 $\beta$ Indicates Altered Protein Synthesis: Evidence for Reduced Spermatogenesis and Cytostatic Effect. <b>2021</b> , 6, 14848-14857	0
356	REPRODUCTIVE TOXICOLOGY: Environmental exposures, fetal testis development and function: phthalates and beyond. <b>2021</b> , 162, F147-F167	0
355	A Catalog of Human Genes Associated With Pathozoospermia and Functional Characteristics of These Genes. <b>2021</b> , 12, 662770	1
354	Inhibition of human sperm motility and capacitation by ziram is mediated by decreasing tyrosine protein kinase. <b>2021</b> , 218, 112281	3
353	Alteration of Genomic Imprinting after Assisted Reproductive Technologies and Long-Term Health. <b>2021</b> , 11,	0

352	Cellular Therapy via Spermatogonial Stem Cells for Treating Impaired Spermatogenesis, Non-Obstructive Azoospermia. <b>2021</b> , 10,	3
351	Sex Differences in Childlessness in Norway: Identification of Underlying Demographic Drivers. <b>2021</b> , 37, 1023-1041	0
350	Core Histones Are Constituents of the Perinuclear Theca of Murid Spermatozoa: An Assessment of Their Synthesis and Assembly during Spermiogenesis and Function after Gametic Fusion. <b>2021</b> , 22,	4
349	Pollution, Land Use, Biodiversity, and Health. <b>2021</b> , 77-124	
348	Consent, Cryopreserved Sperm, and Posthumous Conception: Navigating the Ethical Maze. <b>2021</b> , 156, e93-e95	
347	Metal Oxide Nanoparticles: Evidence of Adverse Effects on the Male Reproductive System. <b>2021</b> , 22,	6
346	Sperm migration in the genital tract-In silico experiments identify key factors for reproductive success. <b>2021</b> , 17, e1009109	1
345	Management of male infertility. <b>2021</b> , 31, 192-198	2
344	The Impact of Physician Productivity Models on Access to Subspecialty Care: A White Paper From the Society for the Study of Male Reproduction and the Society for Male Reproduction and Urology. <b>2021</b> , 153, 28-34	0
343	Exposure effects of inhaled nickel nanoparticles on the male reproductive system via mitochondria damage.. <b>2021</b> , 23, 100350	2
342	Whole-genome sequencing of H3K4me3 and DNA methylation in human sperm reveals regions of overlap linked to fertility and development. <b>2021</b> , 36, 109418	7
341	Male infertility, metabolic syndrome and obesity. <b>2021</b> , 11, 153-162	1
340	Associations between urinary concentrations of bisphenol A and sperm DNA fragmentation in young men. <b>2021</b> , 199, 111289	1
339	Population Numbers and Reproductive Health. <b>2021</b> , 162,	1
338	Why should we screen for male fertility?. <b>2021</b> , 53, e14218	
337	Presence of p53 Protein on Spermatozoa DNA: A Novel Environmental Bio-Marker and Implications for Male Fertility.	
336	Do legislated carbon reduction targets influence pro-environmental behaviours in public hospital pharmacy departments? Using mixed methods to compare Australia and the UK. <b>2021</b> , 16, e0255445	0
335	Photodynamic diagnostics of nonmuscle invasive bladder cancer. <b>2021</b> , 11, 163-174	1

- 334 Surviving the Anthropocene: How evaluation can contribute to knowledge and better policymaking. 135638902110345 2
- 333 Perfluorooctane sulfonate interferes with non-genomic estrogen receptor signaling pathway, inhibits ERK1/2 activation and induces apoptosis in mouse spermatocyte-derived cells. **2021**, 460, 152871 0
- 332 Endocrine disruptors and the male reproductive system. **2021**, 35, 101567 2
- 331 Hope for male fecundity: clinically insignificant changes in semen parameters over 10 years at a single clinic while assessing an infertility population. **2021**, 38, 2995-3002 1
- 330 Association of exposure to residential greenness with semen quality: A retrospective longitudinal study of sperm donation volunteers in Guangdong province, China. **2021**, 220, 112396 1
- 329 Blastocyst development after fertilization with in vitro spermatids derived from nonhuman primate embryonic stem cells.. **2021**, 2, 365-375 1
- 328 European Association of Urology Guidelines on Male Sexual and Reproductive Health: 2021 Update on Male Infertility. **2021**, 80, 603-620 31
- 327 The Impact of Father's Health on Reproductive and Infant Health and Development. **2022**, 31-61 2
- 326 Risk of health status worsening in primary infertile men: A prospective 10-year follow-up study. **2021**, 2
- 325 A Patient-centred Approach to Fertility Management for Testicular Cancer Patients. **2021**, 7, 916-919
- 324 Sperm donor lifestyle survey: modifiable risk factors for potential sperm donors. **2021**, 38, 2965-2974 1
- 323 Overview of the Mechanisms of Action of Selected Bisphenols and Perfluoroalkyl Chemicals on the Male Reproductive Axes. **2021**, 12, 692897 3
- 322 A bespoke data linkage of an IVF clinical quality registry to population health datasets; methods and performance. **2021**, 6, 1679 0
- 321 Impact of Heavy Metals on Human Male Fertility-An Overview. **2021**, 10, 5
- 320 Phthalate Toxicity in Rats and Its Relation to Testicular Dysgenesis Syndrome in Humans. **2021**, 49, 1416-1424 0
- 319 Exposure of Mice during Spermatogenesis: A Role of Inhibitor Kinase 2 in Pro-Opiomelanocortin Neurons. **2021**, 129, 97006 2
- 318 Androglobin, a chimeric mammalian globin, is required for male fertility.
- 317 The mutagenic effect of tobacco smoke on male fertility. **2021**, 1 4

316	Seminal Plasma Protein N-Glycan Peaks Are Potential Predictors of Semen Pathology and Sperm Chromatin Maturity in Men. <b>2021</b> , 11,	0
315	Paracetamol use during pregnancy - a call for precautionary action. <b>2021</b> , 17, 757-766	27
314	Canary Science in the Mineshaft of the Anthropocene. <b>2021</b> , 12, 203-226	1
313	[Environmental endocrine disruptors and fertility]. <b>2021</b> ,	
312	Identifying windows of susceptibility to essential elements for semen quality among 1428 healthy men screened as potential sperm donors. <b>2021</b> , 155, 106586	1
311	A mixture of 15 phthalates and pesticides below individual chemical no observed adverse effect levels (NOAELs) produces reproductive tract malformations in the male rat. <b>2021</b> , 156, 106615	5
310	The level of secondary messengers and the redox state of NAD/NADH are associated with sperm quality in infertility. <b>2021</b> , 148, 103383	0
309	Chemical pollution: A growing peril and potential catastrophic risk to humanity. <b>2021</b> , 156, 106616	31
308	Effects of Radiofrequency Electromagnetic Field (RF-EMF) exposure on male fertility and pregnancy and birth outcomes: Protocols for a systematic review of experimental studies in non-human mammals and in human sperm exposed in vitro. <b>2021</b> , 157, 106806	3
307	Impact of seminal and serum zinc on semen quality and hormonal status: A population-based cohort study of Russian young men. <b>2021</b> , 68, 126855	1
306	Der Einfluss von Umweltfaktoren und Lebensstil auf die männliche Fertilität. <b>2021</b> , 54, 260-272	4
305	Temporal Trends in Human Sperm Counts: Findings and Implications. <b>2021</b> , 35-37	
304	Effects of Mediterranean diet on semen parameters in healthy young adults: a randomized controlled trial. <b>2020</b> , 45, 280-287	0
303	Association of Testosterone-Related Dietary Pattern with Testicular Function among Adult Men: A Cross-Sectional Health Screening Study in Taiwan. <b>2021</b> , 13,	1
302	How the oceans will impact on climate change over the next 25 years.	0
301	Endocrine disrupting chemicals and reproductive disorders in women, men, and animal models. <b>2021</b> , 92, 151-190	3
300	Making the Case for Mutation Accumulation. <b>2019</b> , 197-228	2
299	Environmental Endocrine Disruptors and Endometriosis. <b>2020</b> , 232, 57-78	4



- 298 Androgens and the masculinization programming window: human-rodent differences. **2020**, 48, 1725-1735 26
- 297 The telomere bouquet is a hub where meiotic double-strand breaks, synapsis, and stable homolog juxtaposition are coordinated in the zebrafish, *Danio rerio*. 3
- 296 Recent advances in understanding and managing male infertility. **2019**, 8, 50
- 295 Of Mice and Men: Empirical Support for the Population-Based Social Epistasis Amplification Model (a Comment on ). **2017**, 4, 4
- 294 The impact of endocrine disruptor chemicals on oocyte/embryo and clinical outcomes in IVF. **2020**, 9, R134-R142 9
- 293 MECHANISMS IN ENDOCRINOLOGY: Estrogens in consumer milk: is there a risk to human reproductive health?. **2018**, 179, R275-R286 7
- 292 Thyroid hormone action in the developing testis: intergenerational epigenetics. **2020**, 244, R33-R46 5
- 291 Low protein diet and methyl-donor supplements modify testicular physiology in mice. **2020**, 159, 627-641 4
- 290 Age-related changes in human sperm DNA integrity. **2019**, 11, 5399-5411 30
- 289 Sperm selection for assisted reproduction by prior hyaluronan binding: the HABSelect RCT. **2019**, 6, 1-80 7
- 288 Clinical correlation among male infertility and overall male health: A systematic review of the literature. **2020**, 61, 355-371 18
- 287 Stem cell-based therapies for fertility preservation in males: Current status and future prospects. **2020**, 12, 1097-1112 4
- 286 and mRNAs Are Detectable in Human Spermatozoa. **2020**, 38, 545-551 6
- 285 Male meiotic spindle features that efficiently segregate paired and lagging chromosomes. **2020**, 9, 9
- 284 Concentrated ambient PM exposure affects mice sperm quality and testosterone biosynthesis. **2019**, 7, e8109 26
- 283 The Association Between Dairy Product Consumption and Asthenozoospermia Risk: A Hospital-Based Case-Control Study. **2021**, 8, 714291 1
- 282 Acrylamide modulates the mouse epididymal proteome to drive alterations in the sperm small non-coding RNA profile and dysregulate embryo development. **2021**, 37, 109787 3
- 281 Same total normal forms sperm counts of males from Lhasa and Shanghai, China. **2021**, 1

- 280 Effect of Antioxidants on Sperm Quality Parameters in Subfertile Men: A Systematic Review and Network Meta-Analysis of Randomized Controlled Trials. **2021**, 1
- 279 Endocrine Disrupting Chemicals and Reproductive Health in Boys and Men. **2021**, 12, 706532 6
- 278 Update on Male Infertility. **2021**, 10, 0
- 277 Male fertility as a marker for health. **2021**, 3
- 276 Metal(loid)s and human semen quality: The LIFE Study. **2021**, 106, 94-102 0
- 275 Introduction. **2018**, xxxiii-xxxix
- 274 Influence of bacterial extract on morphogenesis of spermatozoa of infertile men with chronic inflammation of urogenital tract. **2018**, 58-63 1
- 273 Medical Therapy in Varicocele-Related Infertility. **2019**, 185-199
- 272 The Social Epistasis Amplification Model: A Diachronic Test and Expansion of Theoretical Foundations. **2019**, 229-271
- 271 Effects of obesity and exercise on sperm quality and function. **2019**, 30, 1-8
- 270 Male meiotic spindle features that efficiently segregate paired and lagging chromosomes.
- 269 Male infertility treatments: clinical overview. **2019**, 99-104 1
- 268 Toxic Conceptions: The Assessment and Regulation of Male-Mediated Transgenerational Effects of Chemical Exposures. **2019**, 31, 346-385
- 267 [The frequency of formation of a motivated refusal to take androgenic anabolic steroids by men with recreational activity]. **2019**, 65, 341-350 0
- 266 Population, Globalization, the Market and the Environment. **2020**, 1-12
- 265 Endocrine-Distributing Chemicals and Reproductive Function. **2020**, 101-129 1
- 264 Lifestyle Factors and Sperm Quality. **2020**, 59-72
- 263 Construction of Prognostic Models of Reproductive Health of Men with Chronic Inflammation of the Urogenital Tract. **2020**, 53-59

- 262 Can oocytes repair fragmented DNA of spermatozoa?. **2020**, 8, 73-77 1
- 261 Risky Business: Increasing Fertility Knowledge of Men in the General Public Using the Mobile Health Application. **2021**, 15, 15579883211049027 2
- 260 Systematic Analysis of Breed, Methodological, and Geographical Impact on Equine Sperm Progressive Motility. **2021**, 11, 0
- 259 Environmental and occupational pesticide exposure and human sperm parameters: A Navigation Guide review. **2021**, 465, 153017 2
- 258 Recreational Drugs. **2020**, 519-525
- 257 Familial resemblance in markers of testicular function in fathers and their young sons: a cross-sectional study. **2021**, 36, 543-550 1
- 256 Modeling the contribution of the obesity epidemic to the temporal decline in sperm counts. **2020**, 92,
- 255 Lethal versus reproductive disease appeals in preventive health advertising: the moderating effect of life history strategy. **2021**, 40, 657-681
- 254 Impact of environmental toxin exposure on male fertility potential. **2020**, 9, 2797-2813 13
- 253 The effects of radiofrequency exposure on male fertility and adverse reproductive outcomes: A protocol for two systematic reviews of human observational studies with meta-analysis. **2021**, 158, 106968 0
- 252 Epidemiologic Considerations in Male Infertility. **2020**, 15-26
- 251 Prenatal Exposure to Endocrine Disrupting Chemicals and Their Effect on Health Later in Life. **2020**, 53-77
- 250 New Developments for the Enhancement of Male Reproductive Health Using Antioxidant Therapy: A Critical Review of the Literature. **2020**, 553-567 1
- 249 Demographics, Usage Patterns, and Safety of Male Users of Clomiphene in the United States. **2020**, 38, 220-225 2
- 248 The role of infections in infertility: A reviewA tale of in-fecundity and infections. **2020**, 6, 189 0
- 247 Sperm migration in the genital tract - in silico experiments identify key factors for reproductive success.
- 246 The Effect of Endocrine Disruptors and Environmental and Lifestyle Factors on the Sperm Epigenome. **2020**, 41-58
- 245 Does my father have higher sperm counts than me?. **2021**, 116, 1455-1456

- 244 New evidence for deleterious effects of environmental contaminants on the male gamete. **2021**, 106886 0
- 243 Multicentric, prospective observational data show sperm capacitation predicts male fertility, and cohort comparison reveals a high prevalence of impaired capacitation in men questioning their fertility. **2020**, 41, 69-79 1
- 242 Biological basis of child health 1: understanding the cell and genetics. **2020**, 32, 33-43
- 241 Association of the serum metabolomic profile by nuclear magnetic resonance spectroscopy with sperm parameters: a cross-sectional study of 325 men.. **2020**, 1, 142-160 2
- 240 Chapter 48: Home Testing and Monitoring Devices. **2020**,
- 239 L-Carnitine reduces the negative effects of formalin on sperm parameters, chromatin condensation and apoptosis in mice: An experimental study. **2020**, 18, 837-846 1
- 238 Assessment of Organophosphate Pesticides Exposure in Men with Idiopathic Abnormal Semen Analysis: A Cross-Sectional Pilot Study. **2021**, 15, 219-225
- 237 The Roles of Luteinizing Hormone, Follicle-Stimulating Hormone and Testosterone in Spermatogenesis and Folliculogenesis Revisited. **2021**, 22, 9
- 236 Pervasive structural racism in environmental epidemiology. **2021**, 20, 119 2
- 235 A minimal model demonstrates the control of mouse sperm capacitation by a positive feedback loop between sNHE and SLO3.
- 234 Effects of Midazolam on the Development of Adult Leydig Cells From Stem Cells. **2021**, 12, 765251 0
- 233 Marine Plastic Pollution: Chemical Aspects and Possible Solutions. **2022**, 83-92 1
- 232 Sperm Counts Are Falling Worldwide. **2021**, 181-182
- 231 Editorial: Male Infertility: from etiology to management. **2021**,
- 230 Editorial: Male Idiopathic Infertility: Novel Possible Targets, Volume I. **2021**, 12, 797228
- 229 Post-transcriptional regulation in spermatogenesis: all RNA pathways lead to healthy sperm. **2021**, 78, 8049-8071 1
- 228 The Effects of Flavonoid Apigenin on Male Reproductive Health: Inhibition of Spermatogonial Proliferation through Downregulation of / Pathway. **2021**, 22, 0
- 227 Sperm Counts Are Falling Worldwide. **2021**, 179-180

226	Comparison of RNA content from hydrophobic interaction chromatography-isolated seminal plasma exosomes from intrauterine insemination (IUI) pregnancies. <b>2021</b> , e14325	0
225	Neonicotinoid insecticide metabolites in seminal plasma: Associations with semen quality. <b>2021</b> , 811, 151407	4
224	Diet effects on mouse meiotic recombination: a warning for recombination studies. <b>2021</b> ,	1
223	Are worldwide sperm counts declining?. <b>2021</b> , 116, 1457-1463	1
222	Impact of the Vegan Diet on Sperm Quality and Sperm Oxidative Stress Values: A Preliminary Study.. <b>2021</b> , 14, 365-371	1
221	Association of peripubertal blood lead levels with reproductive hormones and semen parameters in a longitudinal cohort of Russian men.. <b>2022</b> ,	
220	Bisphenol S exposure induces cytotoxicity in mouse Leydig cells.. <b>2022</b> , 160, 112805	1
219	Deleterious impact of short duration UV-A exposure on the human sperm cell An in vitro study. <b>2022</b> , 9, 100093	
218	L-Carnitine reduces the negative effects of formalin on sperm parameters, chromatin condensation and apoptosis in mice: An experimental study. <b>2020</b> , 18, 837-846	2
217	Effect of decreasing population growth-rate on deforestation and population sustainability.. <b>2021</b> , 14, 261-263	
216	Intrauterine insemination for treatment of male infertility: experience and clinical recommendations. <b>2021</b> , 27, 88	
215	Low-Density Geopolymer Composites for the Construction Industry.. <b>2022</b> , 14,	6
214	Inherited Metabolic Memory of High-fat Diet Impairs Testicular Fatty Acid Content and Sperm Parameters.. <b>2021</b> , e2100680	0
213	Future of biomedical, agricultural and biological systems research using domesticated animals.. <b>2022</b> ,	
212	Secondary Amplification of Sperm DNA Fragmentation for Male Infertility: Hope for Improved and Affordable Fertility Testing in Affected Couples.. <b>2022</b> ,	
211	Prioritizing the Effects of Emerging Contaminants on Estuarine Production under Global Warming Scenarios.. <b>2022</b> , 10,	0
210	An evaluation of changes over time in the semen parameters data used for the World Health Organization semen analysis reference ranges.. <b>2021</b> ,	0
209	A high-throughput approach to identify reproductive toxicants among environmental chemicals using an in vivo evaluation of gametogenesis in budding yeast <i>Saccharomyces cerevisiae</i> .	

- 208 Parental Separation and Semen Quality in Young Men: A Population-Based Cohort Study.. **2022**, 14, 127-140 o
- 207 Sperm motility in asthenozoospermic semen samples can be improved by incubation in a continuous single culture medium (CSCM<sup>®</sup>).. **2022**, 1-11 o
- 206 Exploring the role of gut microbiome in male reproduction.. **2021**, 4
- 205 Ovine fetal testis stage-specific sensitivity to environmental chemical mixtures.. **2022**, o
- 204 The changing tide of human fertility.. **2022**, 2
- 203 Reproductive Toxicology: An Update.
- 202 Paternal adherence to healthy dietary patterns in relation to sperm parameters and outcomes of assisted reproductive technologies.. **2021**, 1
- 201 Evaluation of sperm DNA integrity by mean number of sperm DNA breaks rather than sperm DNA fragmentation index.. **2022**, o
- 200 Impacts of endocrine disrupting chemicals on reproduction in wildlife and humans.. **2021**, 208, 112584 3
- 199 Peptides from the croceine croaker () swim bladder attenuate busulfan-induced oligoasthenospermia in mice.. **2022**, 60, 319-325 o
- 198 Associations between urinary bisphenol A and its analogues and semen quality: A cross-sectional study among Chinese men from an infertility clinic.. **2022**, 161, 107132 1
- 197 Bisphenol A and declining semen quality: A systematic review to support the derivation of a reference dose for mixture risk assessments.. **2022**, 241, 113942 1
- 196 Environmental factors in declining human fertility.. **2021**, 6
- 195 Cryopreservation of Testicular Stem Cells and Its Application in Veterinary Science. **2021**, 125-159
- 194 Endocrine Disruptors and Human Reproduction. **2022**, 261-274 o
- 193 How Many Children Can Humans Have Biologically?. **2022**, 27-38
- 192 A contemporary view on global fertility, infertility, and assisted reproductive techniques. **2022**, 93-120 1
- 191 A new deep-learning model using YOLOv3 to support sperm selection during intracytoplasmic sperm injection procedure.. **2022**, 21, e12454

- 190 Organochlorine Pesticide Exposures, Metabolic Enzyme Genetic Polymorphisms And Semen Quality Parameters Among Men Attending an Infertility Clinic.
- 189 Micro-straw: An efficient cryopreservation carrier for rare human spermatozoa.. **2022**, 0
- 188 Estrogen related receptor is critical for testicular mitochondrial homeostasis and sperm motility: A Drosophila based study. **2022**,
- 187 Introduction. **2022**, 1-4
- 186 Association of Exposure to Particulate Matter Air Pollution With Semen Quality Among Men in China.. **2022**, 5, e2148684 1
- 185 Basic Phenotyping of Male Fertility from 2019 to 2020 at the Human Sperm Bank of Fudan University. 1
- 184 Is seminal quality worsening? A 20-year experience in Córdoba, Argentina.. **2022**, 1
- 183 Role of CAG and GGC Polymorphism of the Androgen Receptor Gene in Male Fertility. **2022**, 58, 247-264 0
- 182 Dermal Exposure to Hazardous Chemicals in Baby Diapers: A Re-Evaluation of the Quantitative Health Risk Assessment Conducted by The French Agency for Food, Environmental and Occupational Health and Safety (ANSES).. **2022**, 19, 0
- 181 A Minimal Model Shows that a Positive Feedback Loop Between sNHE and SLO3 can Control Mouse Sperm Capacitation.. **2022**, 10, 835594
- 180 Microenvironment for spermatogenesis and sperm maturation.. **2022**, 157, 273 1
- 179 The Microbiome, an Important Factor That Is Easily Overlooked in Male Infertility.. **2022**, 13, 831272 3
- 178 Brief exposure of neonatal testis cells to EGF or GDNF alters the regenerated tissue.. **2022**, 3, 39-56 0
- 177 Sperm mitochondrial DNA copy number in relation to semen quality: A cross-sectional study of 1164 potential sperm donors.. **2022**, 0
- 176 Sperm Physiological Response to Female Serum-Potential New Insights into the Reproductive Incompatibility Diagnostics.. **2022**, 23,
- 175 Bioactives From Marine Animals: Potential Benefits for Human Reproductive Health. **2022**, 9,
- 174 Eicosanoid Biosynthesis in Male Reproductive Development: Effects of Perinatal Exposure to NSAIDs and Analgesic Drugs.. **2022**, 4, 842565 2
- 173 IVF and human evolution.. *Human Reproduction Update*, **2022**, 15.8 0

- 172 Chronic Immune-Mediated Orchitis Is the Major Cause of Acquired Non-obstructive Azoospermia in Dogs.. **2022**, 9, 865967 1
- 171 Endocrine-disrupting chemicals affect sertoli TM4 cell functionality through dysregulation of gap junctional intercellular communication in vitro.. **2022**, 113004 1
- 170 Declining semen quality and polybrominated diphenyl ethers (PBDEs): Review of the literature to support the derivation of a reference dose for a mixture risk assessment.. **2022**, 242, 113953 0
- 169 Low-level and combined exposure to environmental metal elements affects male reproductive outcomes: Prospective MARHCS study in population of college students in Chongqing, China.. **2022**, 154395 1
- 168 Current Resources for Evidence-Based Practice, November/December 2021. **2021**, 66, 806-812
- 167 The Sixth Edition of the WHO Manual for Human Semen Analysis: A Critical Review and SWOT Analysis.. **2021**, 11, 8
- 166 Dairy Product Consumption and Oligo-Astheno-Teratozoospermia Risk: A Hospital-Based Case-Control Study in China.. **2021**, 8, 742375 0
- 165 Use of Tribulus terrestris and Lepidium meyenii extract in rats: reproductive, biochemical and body parameters.. **2021**, e14358 1
- 164 Sperm Selection for ICSI: Do We Have a Winner?. **2021**, 10, 2
- 163 Effects of mobile phone use on semen parameters: a cross-sectional study of 1634 men in China.. **2022**, 0
- 162 Sperm count is increased by diet-induced weight loss and maintained by exercise or GLP-1 analogue treatment: a randomized controlled trial.. **2022**, 0
- 161 Inverse association between ambient particulate matter and semen quality in Central China: Evidence from a prospective cohort study of 15,112 participants.. **2022**, 155252 0
- 160 Altmetric and bibliometric analysis of influential articles in reproductive biology, 1980-2019. **2022**, 0
- 159 Gut Microbiota-Testis Axis: FMT Mitigates High-Fat Diet-Diminished Male Fertility via Improving Systemic and Testicular Metabolome.. **2022**, e0002822 0
- 158 table\_1.docx. **2018**,
- 157 Table\_1.PDF. **2018**,
- 156 Image\_1.tif. **2019**,
- 155 Image\_2.tif. **2019**,



154 Image\_3.tif. **2019**,

153 Table\_1.doc. **2019**,

152 Table\_2.docx. **2019**,

151 Table\_3.doc. **2019**,

150 Association of assisted reproductive technology with offspring growth and adiposity from infancy to early adulthood. o

149 Progetto e abitare tra monoscalarit e transcalarit  Riflessioni a margine di una crisi pandemica. **2022**, 63-78

148 Improving Human Sperm Head Morphology Classification With Unsupervised Anatomical Feature Distillation. **2022**, o

147 Chapter 8. **2022**, 270-304

146 Ejaculate parameters and the results of <i>in vitro</i> fertilization treatment in infertile couples with overweight and obese men. **2022**, 12, 41-48

145 Chapter 4. **2022**, 132-179

144 Associations between Meat and Vegetable Intake, Cooking Methods, and Asthenozoospermia: A Hospital-Based Case-Control Study in China.. **2022**, 14,

143 Sugar-sweetened beverage intake in relation to reproductive parameters in young men.. **2022**,

142 Parental exposure to 3-methylcholanthrene before gestation adversely affected the endocrine system and spermatogenesis in male F1 offspring.. **2022**, 110, 161-171 o

141 Urinary phthalate metabolite concentrations during four windows spanning puberty (prepuberty through sexual maturity) and association with semen quality among young Russian men.. **2022**, 243, 113977 o

140 Analysis by transcriptomics and metabolomics for the proliferation inhibition and dysfunction through redox imbalance-mediated DNA damage response and ferroptosis in male reproduction of mice and TM4 Sertoli cells exposed to PM.. **2022**, 238, 113569 o

139 Qiangjing tablets repair of blood-testis barrier dysfunction in rats via regulating oxidative stress and p38 MAPK pathway.. **2022**, 22, 133 1

138 Multiform Dirt. **2022**, 107-137

137 The benefit of Silybum marianum in ethanol-induced reprotoxicity of male Wistar rat. 58,

- 136 Sugar Consumption Is Negatively Associated with Semen Quality. ○
- 135 Organochlorine pesticide exposures, metabolic enzyme genetic polymorphisms and semen quality parameters among men attending an infertility clinic. **2022**, 303, 135010
- 134 Pollution and health: a progress update. **2022**, 28
- 133 Multiomics analysis of male infertility. ○
- 132 Accounting for the genetic load in assisted reproductive technology. **2022**, 12,
- 131 Using a testis regeneration model, FGF9, LIF, and SCF improve testis cord formation while RA enhances gonocyte survival.
- 130 Risk of Infertility in Males with Obstructive Sleep Apnea: A Nationwide, Population-Based, Nested Case-Control Study. **2022**, 12, 933 ○
- 129 Changes in Semen Analysis over Time: A Temporal Trend Analysis of 20 Years of Subfertile Non-Azoospermic Men. 40, ○
- 128 Male Infertility. **2022**, 265-279
- 127 Does Air Pollution Impact on Semen Parameters? Findings from a Real-Life, Cross-Sectional Study in Italian Infertile Men. 40, ○
- 126 Impaired Human Sexual and Erectile Function Affecting Semen Quality, in Obstructive Sleep Apnea: A Pilot Study. **2022**, 12, 980
- 125 Urinary concentrations of polycyclic aromatic hydrocarbon and phthalate metabolite mixtures in relation to semen quality among men attending an infertility clinic. ○
- 124 Response to Boulicault et'al. (2021) from women in the field. 1-2 ○
- 123 The current situation and future directions for the study on time-to-pregnancy: a scoping review. **2022**, 19, ○
- 122 The impact of different WHO reference criteria for semen analysis in clinical practice: who will benefit from the new 2021 thresholds for normal semen parameters?. ○
- 121 Targeted Analysis of HSP70 Isoforms in Human Spermatozoa in the Context of Capacitation and Motility. **2022**, 23, 6497
- 120 Combined exposures to bisphenols, polychlorinated dioxins, paracetamol, and phthalates as drivers of deteriorating semen quality. **2022**, 165, 107322 ○
- 119 Diagnostic capabilities of ejaculate sediment examination with the help of nucleic acid amplification by polymerase chain reaction and microbiologic examination in searching for causes of male reproductive dysfunction. **2022**, 44, 62 ○

118 MicroRNA expression in male infertility. **2022**,

117 Association between metabolic disorders and seminal plasma miRNA levels: a pilot study. **2022**, 32,

116 Associations of maternal anthropometrics with newborn anogenital distance and the 2:4 digit ratio. o

115 Emerging organoid models to study the epididymis in male reproductive toxicology. **2022**, 112, 88-99 o

114 Efficacy of Pleurotus Djamor Zinc Polysaccharide Chewable Tablets Against Reproductive Damage Induced by Nonylphenol. 2200043

113 Swimming upstream: how theory and interdisciplinary inquiry matter for responsible, empirically robust science. 1-2 o

112 Systematic review of climate change effects on reproductive health. **2022**, 118, 215-223 1

111 An increasing disinterest in fatherhood among childless men in the United States: A brief report.

110 Association of Assisted Reproductive Technology With Offspring Growth and Adiposity From Infancy to Early Adulthood. **2022**, 5, e2222106 2

109 Sperm as a Carrier of Genome Instability in Relation to Paternal Lifestyle and Nutritional Conditions. **2022**, 14, 3155

108 Male personal heat exposures and fecundability: A preconception cohort study. o

107 Association of occupations with decreased semen quality in eastern China: a cross-sectional study of 12 301 semen donors. **2022**, 12, e061354

106 Spatiotemporal trends in human semen quality. o

105 Characterization of primary canine Sertoli cells as a model to test male reproductive toxicant. **2022**, 84, 105452

104 Feasibility analysis of incorporating infertility into medical insurance in China. 13, o

103 Varicocele-associated male infertility: Cellular and molecular perspectives of pathophysiology. o

102 Fertility Health Knowledge in U.S. Adults: Men Narrowing the Knowledge Gap. **2022**, 16, 155798832211179 o

101 Association between electronic device usage and sperm quality parameters in healthy men screened as potential sperm donors. **2022**, 312, 120089 o

- 100 Lipophilic phthalic acid esters impair human sperm acrosomal reaction through the likely inhibition of phospholipase A2-signaling pathway. **2022**, 205, 115249 ○
- 99 Biotechnology in the process of assisted reproduction. **2022**, 143-161 ○
- 98 Analysis of 29 Targeted Genes for Non-Obstructive Azoospermia: The Relationship between Genetic Testing and Testicular Histology. 40, ○
- 97 Comparison between Macro and Trace Element Concentrations in Human Semen and Blood Serum in Highly Polluted Areas in Italy. **2022**, 19, 11635 1
- 96 Perceived stress and semen quality. ○
- 95 Transcriptomics and proteomics analysis to explore the mechanism of Yishen Tongluo formula repairing sperm DNA damage in rats. ○
- 94 The effect of SSRIs on Semen quality: A systematic review and meta-analysis. 13, ○
- 93 What Features of Fertility Treatment do Patients Value? Price Elasticity and Willingness-to-Pay Values from a Discrete Choice Experiment. ○
- 92 The Sperm: Parameters and Evaluation. ○
- 91 Semen Quality Following Long-term Occupational Exposure to Formaldehyde in China. **2022**, 5, e2230359 ○
- 90 LncRNA8276 primes cell-cell adhesion for regulation of spermatogenesis. ○
- 89 Temporal decline of sperm concentration: role of endocrine disruptors. 2
- 88 Maternal age at menarche and reproductive health in young adult men: a cohort study. ○
- 87 Data-Driven Medicine in the Diagnosis and Treatment of Infertility. **2022**, 11, 6426 ○
- 86 Systematic review of associations of polychlorinated biphenyl (PCB) exposure with declining semen quality in support of the derivation of reference doses for mixture risk assessments. **2022**, 21, ○
- 85 Counseling for the man with severe male infertility. Publish Ahead of Print, ○
- 84 The efficacy and mechanism of acupuncture in the treatment of male infertility: A literature review. 13, ○
- 83 Women's quality of sleep and in vitro fertilization success. **2022**, 12, ○

82	Taxifolin increased semen quality of Duroc boars by improving gut microbes and blood metabolites. 13,	o
81	Inhibition of ferroptosis attenuates oligospermia in male Nrf2 knockout mice. <b>2022</b> , 193, 421-429	o
80	HFD-fed mice appeared more severe spermatogenesis impairment by lead exposure: perspective from gut microbiota and the efficacy of probiotics.	o
79	Global warming, oxidative stress and disease. <b>2023</b> , 457-472	o
78	Voltage-Dependent Calcium Channels (CaVs) and CatSper in Spermatogenic and Sperm Cells. <b>2022</b> , 599-634	o
77	Linear and non-linear relationships between sulfur dioxide and semen quality: A longitudinal study in Anhui, China. <b>2023</b> , 216, 114731	o
76	Blood trihalomethane concentrations in relation to sperm mitochondrial DNA copy number and telomere length among 958 healthy men. <b>2023</b> , 216, 114737	o
75	Temporal trends in sperm count: a systematic review and meta-regression analysis of samples collected globally in the 20th and 21st centuries.	4
74	Nitrate in Maternal Drinking Water during Pregnancy and Measures of Male Fecundity in Adult Sons. <b>2022</b> , 19, 14428	o
73	Selection bias in a male-offspring cohort investigating fecundity: is there reason for concern?.	o
72	Investigation of motivations for depositing sperm during the COVID-19 pandemic. 1-7	o
71	Evaluation of Glutathione S-transferase Mu 3 (GSTM3) levels in sperm as a simple method to predict oxidative DNA damage and seminogram alterations.	o
70	Postnatal exposure to low-dose tetrabromobisphenol A increases the susceptibility of mammal testes to chemical-induced spermatogenic stress in adulthood. <b>2023</b> , 171, 107683	o
69	Lack of association between endocrine disrupting chemicals and male fertility: A systematic review and meta-analysis. <b>2023</b> , 217, 114942	o
68	Cryos Symposium on Assisted Reproductive Technology. 2-9	o
67	Oxidative Stress and Toxicity in Reproductive Biology and Medicine: A Comprehensive Update on Male Infertility Volume II Conclusion. <b>2022</b> , 333-340	o
66	Sperm-carried IGF2 downregulated the expression of mitogens produced by Sertoli cells: A paracrine mechanism for regulating spermatogenesis?. 13,	o
65	Antioxidant Intervention against Male Infertility: Time to Design Novel Strategies. <b>2022</b> , 10, 3058	1

- 64 In vitro effects of the combination of serotonin, selenium, zinc, vitamin D and E supplementation on human sperm motility. ○
- 63 Chronic alcohol-induced dysbiosis of the gut microbiota and gut metabolites impairs sperm quality in mice. 13, ○
- 62 Urinary polycyclic aromatic hydrocarbon metabolites are positively related to serum testosterone levels of males and serum estradiol levels of females among U.S. adults. 13, ○
- 61 Urinary concentrations of organophosphate esters in relation to semen quality: A cross-sectional study. **2022**, 161202 ○
- 60 Fine for Adam & Eve but not Adam & Steve? Homonegativity bias, parasocial contact, and public support for surrogacy. 1-29 ○
- 59 Home sperm testingIncreasing uses for direct-to-consumer tests. **2022**, ○
- 58 Valuing infertility treatment: Why QALYs are inadequate, and an alternative approach to cost-effectiveness thresholds. 4, ○
- 57 Altered DNA methylation in estrogen-responsive repetitive sequences of spermatozoa of infertile men with shortened anogenital distance. **2022**, 14, ○
- 56 Birefringence properties of human immotile spermatozoa and ICSI outcome. **2022**, ○
- 55 Maternal intake of folate and folic acid during pregnancy and markers of male fecundity: A population-based cohort study. ○
- 54 Environmental toxicants and male fertility. **2022**, 102298 ○
- 53 Characterization of the semen, gut, and urine microbiota in patients with different semen abnormalities. ○
- 52 The Renaissance of Male Infertility Management in the Golden Age of Andrology. 41, ○
- 51 One Health challenges for pig reproduction. ○
- 50 Past, Present and Future Uncertainties Acting on Transnational Familyhood. **2023**, 315-328 ○
- 49 Global warming and testis function: A challenging crosstalk in an equally challenging environmental scenario. 10, ○
- 48 Semen Thresholds of Normality Established by the WHO Do Not Reveal Genome InstabilityA Potential Occult Male Factor. **2023**, 14, 239 ○
- 47 Reproduction as a window for health in men. **2023**, ○

- 46 The use of hormone stimulation in male infertility. **2023**, 68, 102333 o
- 45 Impact of Nanoparticles on Male Fertility: What Do We Really Know? A Systematic Review. **2023**, 24, 576 o
- 44 Decline of Sperm Quality over the Last Two Decades in the South of Europe: A Retrospective Study in Infertile Patients. **2023**, 12, 70 1
- 43 Assessment and Categorization of Biological Effects and Atypical Symptoms Owing to Exposure to RF Fields from Wireless Energy Devices. **2023**, 13, 1265 o
- 42 Endocrine Disruptor Chemicals and Children's Health. **2023**, 24, 2671 o
- 41 Factors influencing the sex ratio at birth in the United States from a historical perspective. 1-24 o
- 40 The Emerging Role of the Gut-Testis Axis in Male Reproductive Health and Infertility. **2023**, o
- 39 Endocrine-Disrupting Chemicals and Their Effects in Pet Dogs and Cats: An Overview. **2023**, 13, 378 o
- 38 New Mutations in DNHD1 Cause Multiple Morphological Abnormalities of the Sperm Flagella. **2023**, 24, 2559 o
- 37 Decline in human sperm parameters: How to stop?. **2023**, 6, 016-020 o
- 36 Endocrine-disrupting chemicals, non-steroid anti-inflammatory drugs, analgesics and the male reproductive system developmental effects. **2023**, o
- 35 How Medical Technologies Materialize Oppression. **2023**, 23, 40-43 o
- 34 Association between exposure to ambient air pollution and semen quality: A systematic review and meta-analysis. **2023**, 870, 161892 o
- 33 Hydrogen sulfide protects Sertoli cells against toxicant Acrolein-induced cell injury. **2023**, 176, 113784 o
- 32 HE4 overexpression in mice leads to leydig cell hyperplasia and spermatogenesis impairment: Pathological implications for oligospermia. **2023**, 568-569, 111916 o
- 31 The impact of human papilloma virus on human reproductive health and the effect on male infertility: An updated review. **2023**, 95, o
- 30 Responses of the colonic microbiota and metabolites during fermentation of alginate oligosaccharides in normal individuals: An in vitro and in vivo study. **2023**, 52, 102413 o
- 29 Polystyrene nanoplastics inhibit StAR expression by activating HIF-1 $\beta$  via ERK1/2 MAPK and AKT pathways in TM3 Leydig cells and testicular tissues of mice. **2023**, 173, 113634 o

- 28 Trend of change of sperm count and concentration over the last two decades: A systematic review and meta-regression analysis. ○
- 27 Association between ambient temperature and semen quality among sperm donation volunteers in South China. **2023**, 173, 107809 ○
- 26 SP22 sperm protein as a potential biomarker of fertility in humans: A preliminary study. **2023**, 117, 108343 ○
- 25 Lifestyle and environmental risk factors for unexplained male infertility: study protocol for Australian Male Infertility Exposure (AMIE), a case-control study. **2023**, 20, ○
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- 21 An update on the role and potential mechanisms of clock genes regulating spermatogenesis: A systematic review of human and animal experimental studies. ○
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- 16 Integrated fecal microbiome and metabolome analysis explore the link between polystyrene nanoplastics exposure and male reproductive toxicity in mice. ○
- 15 The simultaneous administration of microplastics and cadmium alters rat testicular activity and changes the expression of PTMA, DAAM1 and PREP. 11, 1
- 14 Effects of preconception exposure to phthalates on mouse sperm capacitation parameters. ○
- 13 Am I Masculine? A metasynthesis of qualitative studies on traditional masculinity on infertility. 12, 252 ○
- 12 Risk Assessment of Bisphenol A in the Korean General Population. **2023**, 13, 3587 ○
- 11 Combined effect of polystyrene microplastics and cadmium on rat blood-testis barrier integrity and sperm quality. **2023**, 30, 56700-56712 ○



- 10 Covid und Mnliche Unfruchtbarkeit [Hier ist die Chinesische Medizin Gefragt!]. **2023**, 49, 29-35 ○
- 9 Urinary phthalate metabolites and small non-coding RNAs from seminal plasma extracellular vesicles among men undergoing infertility treatment.. **2023**, 121529 ○
- 8 Is It Time for Andrology and Endocrinology Professionals in Assisted Reproduction Centers?. 41, ○
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- 3 Decabromodiphenyl ether induces the chromosome association disorders of spermatocytes and deformation failures of spermatids in mice. **2023**, ○
- 2 Multivariate analyses on male factors and construction of a nomogram for predicting low in vitro fertilization rate. ○
- 1 Individual Lifestyle and Male Fertility. **2023**, 49, 196-207 ○