

# Charles H Muller

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

1,256  
citations

471509

17  
h-index

454955

30  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1648  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of age on DNA double-strand breaks and apoptosis in human sperm. <i>Fertility and Sterility</i> , 2003, 80, 1420-1430.	1.0	383
2	Suppression of Spermatogenesis by Bisdichloroacetyldiamines Is Mediated by Inhibition of Testicular Retinoic Acid Biosynthesis. <i>Journal of Andrology</i> , 2011, 32, 111-119.	2.0	114
3	The relationship between isolated teratozoospermia and clinical pregnancy after in vitro fertilization with or without intracytoplasmic sperm injection: a systematic review and meta-analysis. <i>Fertility and Sterility</i> , 2011, 95, 1141-1145.	1.0	75
4	Inhibition of Retinoic Acid Biosynthesis by the Bisdichloroacetyldiamine WIN 18,446 Markedly Suppresses Spermatogenesis and Alters Retinoid Metabolism in Mice. <i>Journal of Biological Chemistry</i> , 2014, 289, 15104-15117.	3.4	67
5	Prostate Biopsy Culture Findings of Men With Chronic Pelvic Pain Syndrome do Not Differ From Those of Healthy Controls. <i>Journal of Urology</i> , 2003, 169, 584-588.	0.4	64
6	Importance of ALDH1A enzymes in determining human testicular retinoic acid concentrations. <i>Journal of Lipid Research</i> , 2015, 56, 342-357.	4.2	59
7	Raw and test-thaw semen parameters after cryopreservation among men with newly diagnosed cancer. <i>Fertility and Sterility</i> , 2013, 99, 464-469.e2.	1.0	53
8	What should it take to describe a substance or product as 'sperm-safe'. <i>Human Reproduction Update</i> , 2013, 19, i1-i45.	10.8	50
9	Contrasting associations of blood and semen lead concentrations with semen quality among lead smelter workers. , 1998, 34, 464-469.		48
10	COMPARISON OF MICROSCOPIC METHODS FOR DETECTING INFLAMMATION IN EXPRESSED PROSTATIC SECRETIONS. <i>Journal of Urology</i> , 2001, 166, 2518-2524.	0.4	30
11	Deficiency in Outer Dense Fiber 1 Is a Marker and Potential Driver of Idiopathic Male Infertility. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 3685-3693.	3.8	30
12	The National Physicians Cooperative: transforming fertility management in the cancer setting and beyond. <i>Future Oncology</i> , 2018, 14, 3059-3072.	2.4	30
13	Δ <sup>9</sup> -tetrahydrocannabinol (Δ <sup>9</sup> -THC) attenuates mouse sperm motility and male fecundity. <i>British Journal of Pharmacology</i> , 2012, 165, 2575-2583.	5.4	28
14	Improved Chemiluminescence Assay for Measuring Antioxidant Capacity of Seminal Plasma. <i>Methods in Molecular Biology</i> , 2013, 927, 363-376.	0.9	27
15	Levels of the retinoic acid synthesizing enzyme aldehyde dehydrogenase-1A2 are lower in testicular tissue from men with infertility. <i>Fertility and Sterility</i> , 2014, 101, 960-966.	1.0	25
16	Guidelines for risk reduction when handling gametes from infectious patients seeking assisted reproductive technologies. <i>Reproductive BioMedicine Online</i> , 2016, 33, 121-130.	2.4	24
17	VASECTOMY REVERSAL ASSOCIATED WITH INCREASED REACTIVE OXYGEN SPECIES PRODUCTION BY SEMINAL FLUID LEUKOCYTES AND SPERM. <i>Journal of Urology</i> , 1998, 160, 1341-1346.	0.4	22
18	Injection molded open microfluidic well plate inserts for user-friendly coculture and microscopy. <i>Lab on A Chip</i> , 2020, 20, 107-119.	6.0	20

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19	Optimizing Fertility Preservation for Pre- and Postpubertal Males with Cancer. <i>Seminars in Reproductive Medicine</i> , 2013, 31, 274-285.	1.1	19
20	Association between bacterial vaginosis and fecundability in Kenyan women planning pregnancies: a prospective preconception cohort study. <i>Human Reproduction</i> , 2021, 36, 1279-1287.	0.9	13
21	Biparental contributions of the H2A.B histone variant control embryonic development in mice. <i>PLoS Biology</i> , 2020, 18, e3001001.	5.6	13
22	Predictors of sperm recovery after cryopreservation in testicular cancer. <i>Asian Journal of Andrology</i> , 2016, 18, 35.	1.6	12
23	Melphalan, alone or conjugated to an FSH- $\beta$ peptide, kills murine testicular cells <i>in vitro</i> and transiently suppresses murine spermatogenesis <i>in vivo</i> . <i>Theriogenology</i> , 2014, 82, 152-159.	2.1	9
24	Expression of two-pore domain potassium channels in nonhuman primate sperm. <i>Fertility and Sterility</i> , 2007, 87, 397-404.	1.0	8
25	Semen Bacterial Concentrations and HIV-1 RNA Shedding Among HIV-1 Seropositive Kenyan Men. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2017, 74, 250-257.	2.1	7
26	Evaluation of the impact of marijuana use on semen quality: a prospective analysis. <i>Therapeutic Advances in Urology</i> , 2021, 13, 175628722110324.	2.0	7
27	The glucose-sensing transcription factor MLX balances metabolism and stress to suppress apoptosis and maintain spermatogenesis. <i>PLoS Biology</i> , 2021, 19, e3001085.	5.6	7
28	Isotretinoin for the treatment of nonobstructive azoospermia: a pilot study. <i>Asian Journal of Andrology</i> , 2021, 23, 537.	1.6	4
29	Post-prostatic massage fluid/urine as an alternative to semen for studying male genitourinary HIV-1 shedding. <i>Sexually Transmitted Infections</i> , 2011, 87, 232-237.	1.9	3
30	Recovery, Isolation, Identification, and Preparation of Spermatozoa from Human Testis. <i>Methods in Molecular Biology</i> , 2013, 927, 227-240.	0.9	2
31	Phthalates in albumin from human serum: implications for assisted reproductive technology. <i>F&amp;S Reviews</i> , 2021, 2, 160-168.	1.3	1
32	Abstract PR12: Transcriptional regulation of metabolism by MLX and its binding partners is essential for tumor cell survival and spermatogenesis. , 2016, , .		0
33	Abstract PL02-02: Transcriptional regulation by the MAX-like protein MLX is required for adaptive metabolic responses in development and tumorigenesis. , 2016, , .		0
34	Cultivable vaginal <i>Lactobacillus</i> is not associated with fecundability in Kenyan women attempting to conceive. <i>Fertility and Sterility</i> , 2022, , .	1.0	0
35	Biparental contributions of the H2A.B histone variant control embryonic development in mice. , 2020, 18, e3001001.		0
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39	Biparental contributions of the H2A.B histone variant control embryonic development in mice. , 2020, 18, e3001001.		0
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