## CITATION REPORT List of articles citing

The influence of cigarette smoking on human sperm quality and DNA fragmentation

DOI: 10.1016/j.tox.2006.03.001 Toxicology, 2006, 223, 54-60.

Source: https://exaly.com/paper-pdf/40563873/citation-report.pdf

Version: 2024-04-09

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper	IF	Citations
153	A anlise seminal deve ser requisitada para homens com histfico de fertilidade prlia?. <b>2006</b> , 28, 652-657		
152	Distribution of the receptor for advanced glycation end products in the human male reproductive tract: prevalence in men with diabetes mellitus. <b>2007</b> , 22, 2169-77		77
151	Effect of cigarette smoke and alpha-tocopherol (vitamin E) on fertilization, cleavage, and embryo development rates in mice: an experimental in vitro fertilization mice model study. <b>2007</b> , 135, 177-82		20
150	Human sperm DNA fragmentation: correlation of TUNEL results as assessed by flow cytometry and optical microscopy. <b>2007</b> , 71, 1011-8		64
149	An assay for uracil in human DNA at baseline: effect of marginal vitamin B6 deficiency. <b>2008</b> , 372, 21-31		21
148	Sperm DNA fragmentation in subfertile men: the effect on the outcome of intracytoplasmic sperm injection and correlation with sperm variables. <b>2008</b> , 101, 1553-60		37
147	Effect of cigarette smoking on antioxidant levels and presence of leukocytospermia in infertile men: a prospective study. <b>2008</b> , 90, 278-83		51
146	Nuclear staining identifies two populations of human sperm with different DNA fragmentation extent and relationship with semen parameters. <b>2008</b> , 23, 1035-43		57
145	Cigarette smoking and IVF. <b>2008</b> , 3, 555-563		4
144	Cigarette smoking and reproductive function. <b>2008</b> , 20, 281-91		145
143	The Detrimental Effect of Smoking on Female Fertility and IVF Success. 2008, 4, 16-24		4
142	Differential sensitivity of male germ cells to mainstream and sidestream tobacco smoke in the mouse. <i>Toxicology and Applied Pharmacology</i> , <b>2009</b> , 237, 298-305	4.6	29
141	Evaluation of the effects of cigarette smoking on testosterone levels in adult men. <b>2009</b> , 6, 1763-1772		35
140	Advanced glycation end products accumulate in the reproductive tract of men with diabetes. <b>2009</b> , 32, 295-305		68
139	Sperm chromatin integrity in young men with no experiences of infertility and men from idiopathic infertility couples. <i>Andrologia</i> , <b>2009</b> , 41, 141-9	2.4	27
138	Retrospective assessment of potential negative synergistic effects of varicocele and tobacco use on ultrastructural sperm morphology. <b>2009</b> , 74, 794-9		18
137	Cigarette smoke extract immobilizes human spermatozoa and induces sperm apoptosis. <b>2009</b> , 19, 564-	71	135

136	Cigarette smoking impairs sperm bioenergetics. <b>2010</b> , 36, 60-5	15
135	Environmental and lifestyle factors associated with sperm DNA damage. <b>2010</b> , 13, 189-93	46
134	The association between smoking and male fertility and sexual health. <b>2010</b> , 47 Suppl 1, 107-8	1
133	Protamine contents and P1/P2 ratio in human spermatozoa from smokers and non-smokers. <b>2010</b> , 25, 2708-20	76
132	Semen quality of male idiopathic infertile smokers and nonsmokers: an ultrastructural study. <b>2010</b> , 31, 108-13	39
131	Application of ion chromatography for the determination of inorganic ions, especially thiocyanates, in human semen samples as biomarkers of environmental tobacco smoke exposure. <b>2010</b> , 34, 533-8	9
130	Abnormally high body mass index and tobacco use are associated with poor sperm quality as revealed by reduced sperm binding to hyaluronan-coated slides. <b>2010</b> , 93, 332-4	25
129	Sperm chromatin structure is associated with the quality of spermatogenesis in infertile patients. <b>2010</b> , 94, 1748-52	55
128	Nicotine diminishes testicular gametogenesis, steroidogenesis, and steroidogenic acute regulatory protein expression in adult albino rats: possible influence on pituitary gonadotropins and alteration of testicular antioxidant status. <b>2010</b> , 116, 647-59	75
127	Critical aspects of detection of sperm DNA fragmentation by TUNEL/flow cytometry. <b>2010</b> , 56, 277-85	19
126	Pre- and postnatal exposure to ambient levels of urban particulate matter (PM(2.5)) affects mice spermatogenesis. <b>2011</b> , 23, 237-45	28
125	Cigarette smoking and reproductive and developmental toxicity. <b>2011</b> , 319-331	2
124	Sperm Chromatin and Environmental Factors. <b>2011</b> , 361-374	
123	Male Subfertility and Sperm Chromatin Damage. <b>2011</b> , 321-335	
122	Spermiogenesis in Sperm Genetic Integrity. <b>2011</b> , 307-320	
121	Association between socio-psycho-behavioral factors and male semen quality: systematic review and meta-analyses. <b>2011</b> , 95, 116-23	263
120	Effect of smoking status on seminal parameters and apoptotic markers in infertile men. <b>2011</b> , 186, 1986-90	32
119	Apoptotic markers in semen of infertile men: Association with cigarette smoking. <b>2011</b> , 37, 495-506	30

118	Sperm chromatin structure assay (SCSA): a tool in diagnosis and treatment of infertility. 2011, 13, 69-75	126
117	Identification and comparison of chromosomal alterations in infertile and fertile males of Tamil Nadu region exposed to cigarette smoking. <b>2011</b> , 19, 207-213	
116	[The influence of diabetes mellitus on male reproductive function: a poorly investigated aspect of male infertility]. <b>2011</b> , 50, 33-7	40
115	Smoking and Reproduction. <b>2011</b> , 217-237	
114	Sperm DNA Fragmentation: Origin and Impact on Human Reproduction. 2011, 2, 88-108	8
113	Prenatal and adult exposures to smoking are associated with adverse effects on reproductive hormones, semen quality, final height and body mass index. <b>2011</b> , 26, 1000-11	62
112	Antioxidant protective effect of honey in cigarette smoke-induced testicular damage in rats. <b>2011</b> , 12, 5508-21	56
111	Effect of Tobacco Smoking on Semen Quality in Men With Subfertility. <b>2011</b> , 04,	4
110	Withania somnifera Improves Semen Quality in Stress-Related Male Fertility. 2009,	44
109	Sperm DNA integrity assessment: a new tool in diagnosis and treatment of fertility. <b>2012</b> , 2012, 531042	55
108	Effect of smoking on the functional aspects of sperm and seminal plasma protein profiles in patients with varicocele. <b>2012</b> , 27, 3140-9	54
107	Recreational Drugs and ROS Production in Mammalian Spermatozoa. <b>2012</b> , 417-431	
106	Sperm apoptosis signalling in diabetic men. <b>2012</b> , 25, 292-9	60
105	Investigating ROS sources in male infertility: a common end for numerous pathways. <b>2012</b> , 34, 298-307	120
104	Lifestyle influences human sperm functional quality. <b>2012</b> , 1, 224-230	
103	Effect of smoking on sperm vitality, DNA integrity, seminal oxidative stress, zinc in fertile men. <b>2012</b> , 80, 822-5	70
102	Management of male-factor infertility. <b>2012</b> , 26, 769-75	25
101	Environmental Factors. <b>2012</b> , 283-295	1

Sperm DNA Damage and Antioxidant Use: Roles in Male Fertility. **2012**, 307-315

99	Exposures that may affect sperm DNA integrity: two decades of follow-up in a pregnancy cohort. <b>2012</b> , 33, 316-21	15
98	Sperm DNA and RNA abnormalities in fertile and oligoasthenoteratozoospermic smokers.  Andrologia, <b>2013</b> , 45, 35-9	14
97	Lifestyle factors and reproductive health: taking control of your fertility. 2013, 11, 66	372
96	The influence of cigarette smoking on a population of infertile men and women. 2013, 287, 813-8	33
95	Basic diagnostics in andrology. <b>2013</b> , 11, 799-814; quiz 815	6
94	Paternal lifestyle as a potential source of germline mutations transmitted to offspring. <b>2013</b> , 27, 2873-9	42
93	DFT Study of Polyaniline NH3, CO2, and CO Gas Sensors: Comparison with Recent Experimental Data. <b>2013</b> , 117, 23701-23711	146
92	Protective effect of honey against cigarette smoke induced-impaired sexual behavior and fertility of male rats. <b>2013</b> , 29, 264-71	16
91	Cryopreservation increases DNA fragmentation in spermatozoa of smokers. <b>2013</b> , 115, 394-400	13
90	Cigarette smoking exposure alters pebp1 DNA methylation and protein profile involved in MAPK signaling pathway in mice testis. <b>2013</b> , 89, 142	25
89	Andrologische Basisdiagnostik. <b>2013</b> , 11, 799-816	2
88	Smoking-induced chromosomal segregation anomalies identified by FISH analysis of sperm. <b>2014</b> , 7, 58	10
87	Simultaneous Vitality and DNA-fragmentation measurement in spermatozoa of smokers and non-smokers. <b>2014</b> ,	9
86	Prevalence of Varicocele among Primary and Secondary Infertile Men: Association with Occupation, Smoking and Drinking Alcohol. <b>2014</b> , 6, 532-5	11
85	Cigarette smoking is associated with abnormal histone-to-protamine transition in human sperm. <b>2014</b> , 101, 51-57.e1	50
84	Association of cigarette smoking with reproductive hormone levels and semen quality in healthy adult men in Taiwan. <b>2014</b> , 49, 262-8	25
83	Impact of cigarette smoking on histone (H2B) to protamine ratio in human spermatozoa and its relation to sperm parameters. <b>2014</b> , 2, 666-77	51

82	Modifiable and non-modifiable risk factors for poor sperm morphology. <b>2014</b> , 29, 1629-36	59
81	Smoking influence on sperm vitality, DNA fragmentation, reactive oxygen species and zinc in oligoasthenoteratozoospermic men with varicocele. <i>Andrologia</i> , <b>2014</b> , 46, 687-91	28
80	Sperm DNA fragmentation abnormalities in men from couples with a history of recurrent miscarriage. <b>2015</b> , 55, 379-83	38
79	Evaluation of the association of cigarette smoking with retention of excess cytoplasm by spermatozoa in infertile men. <b>2015</b> , 5, 28-32	
78	Nuclear and mitochondrial DNA alterations in newborns with prenatal exposure to cigarette smoke. <b>2015</b> , 12, 1135-55	19
77	The hazardous effects of tobacco smoking on male fertility. <b>2015</b> , 17, 954-60	94
76	Smoking and Male Infertility: An Evidence-Based Review. <b>2015</b> , 33, 143-60	121
75	R u a smkn m0m?: Aspects of a Text Messaging Smoking Cessation/Reduction Intervention for Younger Mothers. <b>2015</b> , 10, 35-43	1
74	Genetic Basis of Unexplained Male Infertility. <b>2015</b> , 57-70	
73	The Role of Over-the-Counter Supplements in Male Infertility. <b>2015</b> , 369-381	
73 72	The Role of Over-the-Counter Supplements in Male Infertility. 2015, 369-381  Comparison of Methods for Assessment of Sperm DNA Damage (Fragmentation) and Implications for the Assisted Reproductive Technologies. 2015, 53-71	1
	Comparison of Methods for Assessment of Sperm DNA Damage (Fragmentation) and Implications	1
72	Comparison of Methods for Assessment of Sperm DNA Damage (Fragmentation) and Implications for the Assisted Reproductive Technologies. <b>2015</b> , 53-71	7
72 71	Comparison of Methods for Assessment of Sperm DNA Damage (Fragmentation) and Implications for the Assisted Reproductive Technologies. 2015, 53-71  Screening the Single Euploid Embryo. 2015,  Simultaneous vitality and DNA-fragmentation measurement in spermatozoa of smokers and	
7 <sup>2</sup> 71 70	Comparison of Methods for Assessment of Sperm DNA Damage (Fragmentation) and Implications for the Assisted Reproductive Technologies. 2015, 53-71  Screening the Single Euploid Embryo. 2015,  Simultaneous vitality and DNA-fragmentation measurement in spermatozoa of smokers and non-smokers. 2015, 88, 120-4	7
7 <sup>2</sup> 7 <sup>1</sup> 7 <sup>0</sup> 69	Comparison of Methods for Assessment of Sperm DNA Damage (Fragmentation) and Implications for the Assisted Reproductive Technologies. 2015, 53-71  Screening the Single Euploid Embryo. 2015,  Simultaneous vitality and DNA-fragmentation measurement in spermatozoa of smokers and non-smokers. 2015, 88, 120-4  Do cigarette and alcohol affect semen analysis?. Archivio Italiano Di Urologia Andrologia, 2016, 88, 56-9 1.6	7
72 71 70 69 68	Comparison of Methods for Assessment of Sperm DNA Damage (Fragmentation) and Implications for the Assisted Reproductive Technologies. 2015, 53-71  Screening the Single Euploid Embryo. 2015,  Simultaneous vitality and DNA-fragmentation measurement in spermatozoa of smokers and non-smokers. 2015, 88, 120-4  Do cigarette and alcohol affect semen analysis?. Archivio Italiano Di Urologia Andrologia, 2016, 88, 56-9 1.6  Androgen Receptor Genotype in Humans and Susceptibility to Endocrine Disruptors. 2016, 86, 264-270  Father® environment before conception and asthma risk in his children: a multi-generation analysis	7 3 2

## (2018-2017)

64	From sperm to offspring: Assessing the heritable genetic consequences of paternal smoking and potential public health impacts. <b>2017</b> , 773, 26-50		59	
63	Sperm DNA damage measured by sperm chromatin structure assay in men with a history of undescended testes. <b>2017</b> , 5, 838-843		2	
62	Aberrant DNA methylation patterns of human spermatozoa in current smoker males. <b>2017</b> , 71, 126-133		28	
61	Effect of semen preparation technique and its incubation on sperm quality in the Moroccan population. <i>Andrologia</i> , <b>2017</b> , 49, e12688	2.4	6	
60	Novel centrifugal technology for measuring sperm concentration in the home. <b>2017</b> , 107, 358-364.e4		28	
59	Nicotine Effects and Receptor Expression on Human Spermatozoa: Possible Neuroendocrine Mechanism. <b>2017</b> , 8, 177		10	
58	The correlation of sperm morphology with unexplained recurrent spontaneous abortion: A systematic review and meta-analysis. <b>2017</b> , 8, 55646-55656		27	
57	Cigarette Smoking and Reproductive and Developmental Toxicity. 2017, 447-463		1	
56	A systematic review on sperm DNA fragmentation in male factor infertility: Laboratory assessment. <b>2018</b> , 16, 65-76		51	
55	Mammalian Sperm Mitochondrial Function as Affected by Environmental Toxicants, Substances of Abuse, and Other Chemical Compounds. <b>2018</b> , 185-203		1	
54	Intracytoplasmic Sperm Injection. <b>2018</b> ,		0	
53	Impact of cigarette-smoking on sperm DNA methylation and its effect on sperm parameters.  Andrologia, <b>2018</b> , 50, e12950	2.4	15	
52	Assessment of Sperm DNA Integrity and Implications for the Outcome of ICSI Treatments. <b>2018</b> , 63-84			
51	[Environment and lifestyle: Impacts on male fertility?]. 2018, 46, 47-56		5	
50	The First Visit: Consult and Workup Before Sperm Banking. <b>2018</b> , 147-168			
49	The effect of cigarette smoking on human seminal parameters, sperm chromatin structure and condensation. <i>Andrologia</i> , <b>2018</b> , 50, e12910	2.4	36	
48	Environmental Impact on Health across Generations: Policy Meets Biology. A Review of Animal and Human Models. <i>Challenges</i> , <b>2018</b> , 9, 42	3.4	2	
47	Integration of sperm DNA damage assessment into OECD test guidelines for genotoxicity testing using the MutaMouse model. <i>Toxicology and Applied Pharmacology</i> , <b>2018</b> , 357, 10-18	4.6	6	

46	Smoking-induced genetic and epigenetic alterations in infertile men. <i>Andrologia</i> , <b>2018</b> , 50, e13124	2.4	25
45	Does sperm DNA fragmentation correlate with semen parameters?. <i>Reproductive Medicine and Biology</i> , <b>2019</b> , 18, 390-396	4.1	22
44	Passive smoking induces rat testicular injury via the FAS/FASL pathway. <i>Drug and Chemical Toxicology</i> , <b>2019</b> , 1-9	2.3	1
43	Networking of Mutagens in Environmental Toxicology. <i>Environmental Science and Engineering</i> , <b>2019</b>	0.2	2
42	Environmental Toxicants and Male Reproductive Toxicity: Oxidation-Reduction Potential as a New Marker of Oxidative Stress in Infertile Men. <i>Environmental Science and Engineering</i> , <b>2019</b> , 99-115	0.2	3
41	Deterioration of semen quality and sperm-DNA integrity as influenced by cigarette smoking in fertile and infertile human male smokers-A prospective study. <i>Journal of Cellular Biochemistry</i> , <b>2019</b> , 120, 11784	4.7	12
40	Polyaniline emeraldine salt as selective electrochemical sensor for HBr over HCl: a systematic density functional theory study through oligomer approach. <i>Journal of Molecular Modeling</i> , <b>2020</b> , 26, 332	2	2
39	Remarkable enhancement in sensor ability of polyaniline upon composite formation with ZnO for industrial effluents. <i>Journal of Molecular Graphics and Modelling</i> , <b>2020</b> , 101, 107724	2.8	2
38	Dynamical and turbo TDDFT study of polyaniline emeraldine for CO, NH3, CO2 gas sensing. <i>Applied Physics A: Materials Science and Processing</i> , <b>2020</b> , 126, 1	2.6	O
37	Association of lifestyle factors with semen quality: A pilot study conducted in men from the Portuguese TrB-os-Montes and Alto Douro region followed in fertility support consultations. <i>Andrologia</i> , <b>2020</b> , 52, e13549	2.4	2
36	The impact of nutrition and lifestyle on male fertility. <i>Archivio Italiano Di Urologia Andrologia</i> , <b>2020</b> , 92,	1.6	6
35	TUNEL assay-Standardized method for testing sperm DNA fragmentation. <i>Andrologia</i> , <b>2021</b> , 53, e13738	2.4	5
34	Best laboratory practices and therapeutic interventions to reduce sperm DNA damage. <i>Andrologia</i> , <b>2021</b> , 53, e13736	2.4	2
33	The Prevalence and Components of Metabolic Syndrome in Men from Infertile Couples and Its Relation on Semen Analysis. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , <b>2021</b> , 14, 1453-1463	3.4	2
32	Exploring the evidence for epigenetic regulation of environmental influences on child health across generations. <i>Communications Biology</i> , <b>2021</b> , 4, 769	6.7	12
31	Potential effect of tobacco cigarettes smoking on global DNA methylation status and protamines transcripts in human spermatozoa. <i>Middle East Fertility Society Journal</i> , <b>2021</b> , 26,	1.4	2
30	Role of Antioxidants Supplementation in the Treatment of Male Infertility.		O
29	The association between testicular toxicity induced by Li2Co3 and protective effect of Ganoderma lucidum: Alteration of Bax & c-Kit genes expression. <i>Tissue and Cell</i> , <b>2021</b> , 72, 101552	2.7	1

## (2013-2017)

28	TUNEL labeling with BrdUTP/anti-BrdUTP greatly underestimates the level of sperm DNA fragmentation in semen evaluation. <i>PLoS ONE</i> , <b>2017</b> , 12, e0181802	3.7	13
27	Ameliorating effects of curcumin on nicotine-induced mice testes. <i>Turkish Journal of Medical Sciences</i> , <b>2016</b> , 46, 549-60	2.7	5
26	Reproductive Toxicity of Tobacco Shisha Smoking on Semen Parameters and Hormones Levels among Adult Egyptian Men. <i>Research Journal of Environmental Toxicology</i> , <b>2011</b> , 5, 282-292	0.5	10
25	The impact of selected modifiable lifestyle factors on male fertility in the modern world. <i>Central European Journal of Urology</i> , <b>2020</b> , 73, 563-568	0.9	1
24	A first-principles DFT study on the adsorption behaviour of CO, CO2, and O3 on pristine B24N24 and silicon-decorated B24N24 nanosheet. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1-8	1	4
23	Nutrition and Fertility. 1-24		
22	Mitochondria as a Source of ROS in Mammalian Spermatozoa. <b>2012</b> , 21-40		
21	Male Subfertility and Sperm Chromatin Damage. <b>2013</b> , 117-136		
20	Spermiogenesis in Sperm Genetic Integrity. <b>2013</b> , 201-218		
19	Environmental Factors. <b>2013</b> , 275-296		
18	Spermiogenesis in Sperm Genetic Integrity. <b>2013</b> , 97-114		
17	Sperm Chromatin and Environmental Factors. <b>2013</b> , 167-184		
16	Male sexuality, fertility and smoking. <b>2013</b> , 218-229		
15	Fertility Assessment in the Male. Current Clinical Urology, 2016, 49-68		
14	Sperm Chromatin and Environmental Factors. <b>2018</b> , 301-319		0
13	Semen parameters of non-infertile smoker and non-smoker men. <i>Journal of Medicine and Life</i> , <b>2012</b> , 5, 465-8	1.5	17
12	Lipid Peroxidation and Nitric Oxide Levels in Male Smokers®permatozoa and their Relation with Sperm Motility. <i>Journal of Reproduction and Infertility</i> , <b>2012</b> , 13, 81-7	1.5	13
11	Decline of semen quality and increase of leukocytes with cigarette smoking in infertile men. <i>Iranian Journal of Reproductive Medicine</i> , <b>2013</b> , 11, 589-96		17

10	Association of Smoking With Semen Quality and μ-Calpain Level in Normospermia: A Case-Control Study. <i>Journal of Family &amp; Reproductive Health</i> , <b>2016</b> , 10, 15-20	0.6	
9	Bariatric Surgery Does Not Improve Semen Quality: Evidence from a Meta-analysis <i>Obesity Surgery</i> , <b>2022</b> , 32, 1341	3.7	O
8	Sperm DNA fragmentation Lan it be a routine?. Fertility Science and Research, 2022, 9, 29	0.1	
7	Incorporating sperm DNA fragmentation index with computer-assisted semen morphokinematic parameters as a better window to male fertility. <i>Chinese Journal of Physiology</i> , <b>2022</b> , 65, 143	1.6	O
6	Sperm as a Carrier of Genome Instability in Relation to Paternal Lifestyle and Nutritional Conditions. <b>2022</b> , 14, 3155		
5	Evaluation of sperm DNA fragmentation in male infertility.		O
4	Health Benefits of Coconut Water. <b>2022</b> , 385-455		О
3	Parental smoking exposure before and during pregnancy and offspring attention-deficit/hyperactivity disorder risk: A Chinese child and adolescent cohort study. 10,		Ο
2	Impact of tobacco smoking in association with H2BFWT , PRM1 and PRM2 genes variants on male infertility.		О
1	Comprehensive review on the positive and negative effects of various important regulators on male spermatogenesis and fertility. 9,		О