

Geoffry De Iuliis

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5735551/geoffry-de-iuliis-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. 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.

76
papers

5,202
citations

32
h-index

72
g-index

83
ext. papers

6,061
ext. citations

4.3
avg, IF


5.83
L-index

#	Paper	IF	Citations
76	Significance of mitochondrial reactive oxygen species in the generation of oxidative stress in spermatozoa. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008 , 93, 3199-207	5.6	429
75	On the possible origins of DNA damage in human spermatozoa. <i>Molecular Human Reproduction</i> , 2010 , 16, 3-13	4.4	397
74	Origins and consequences of DNA damage in male germ cells. <i>Reproductive BioMedicine Online</i> , 2007 , 14, 727-33	4	326
73	Oxidative stress and male reproductive health. <i>Asian Journal of Andrology</i> , 2014 , 16, 31-8	2.8	320
72	Cryopreservation-induced human sperm DNA damage is predominantly mediated by oxidative stress rather than apoptosis. <i>Human Reproduction</i> , 2009 , 24, 2061-70	5.7	312
71	DNA damage in human spermatozoa is highly correlated with the efficiency of chromatin remodeling and the formation of 8-hydroxy-2'deoxyguanosine, a marker of oxidative stress. <i>Biology of Reproduction</i> , 2009 , 81, 517-24	3.9	299
70	Analysis of the relationships between oxidative stress, DNA damage and sperm vitality in a patient population: development of diagnostic criteria. <i>Human Reproduction</i> , 2010 , 25, 2415-26	5.7	295
69	Biological and clinical significance of DNA damage in the male germ line. <i>Journal of Developmental and Physical Disabilities</i> , 2009 , 32, 46-56		284
68	Mobile phone radiation induces reactive oxygen species production and DNA damage in human spermatozoa in vitro. <i>PLoS ONE</i> , 2009 , 4, e6446	3.7	264
67	The impact of sperm DNA damage in assisted conception and beyond: recent advances in diagnosis and treatment. <i>Reproductive BioMedicine Online</i> , 2013 , 27, 325-37	4	175
66	Electrophilic aldehydes generated by sperm metabolism activate mitochondrial reactive oxygen species generation and apoptosis by targeting succinate dehydrogenase. <i>Journal of Biological Chemistry</i> , 2012 , 287, 33048-60	5.4	146
65	The TUNEL assay consistently underestimates DNA damage in human spermatozoa and is influenced by DNA compaction and cell vitality: development of an improved methodology. <i>Journal of Developmental and Physical Disabilities</i> , 2011 , 34, 2-13		139
64	Analysis of lipid peroxidation in human spermatozoa using BODIPY C11. <i>Molecular Human Reproduction</i> , 2007 , 13, 203-11	4.4	139
63	Cis-unsaturated fatty acids stimulate reactive oxygen species generation and lipid peroxidation in human spermatozoa. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006 , 91, 4154-63	5.6	137
62	Definitive evidence for the nonmitochondrial production of superoxide anion by human spermatozoa. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006 , 91, 1968-75	5.6	128
61	Sperm motility is lost in vitro as a consequence of mitochondrial free radical production and the generation of electrophilic aldehydes but can be significantly rescued by the presence of nucleophilic thiols. <i>Biology of Reproduction</i> , 2012 , 87, 110	3.9	120
60	The source and significance of DNA damage in human spermatozoa; a commentary on diagnostic strategies and straw man fallacies. <i>Molecular Human Reproduction</i> , 2013 , 19, 475-85	4.4	112

59	Characteristics of the Epididymal Luminal Environment Responsible for Sperm Maturation and Storage. <i>Frontiers in Endocrinology</i> , 2018 , 9, 59	5.7	86
58	On methods for the detection of reactive oxygen species generation by human spermatozoa: analysis of the cellular responses to catechol oestrogen, lipid aldehyde, menadione and arachidonic acid. <i>Andrology</i> , 2013 , 1, 192-205	4.2	67
57	Impact of estrogenic compounds on DNA integrity in human spermatozoa: evidence for cross-linking and redox cycling activities. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2008 , 641, 1-11	3.3	66
56	Proteomic Profiling of Mouse Epididymosomes Reveals their Contributions to Post-testicular Sperm Maturation. <i>Molecular and Cellular Proteomics</i> , 2019 , 18, S91-S108	7.6	66
55	Potential importance of transition metals in the induction of DNA damage by sperm preparation media. <i>Human Reproduction</i> , 2014 , 29, 2136-47	5.7	65
54	Heat exposure induces oxidative stress and DNA damage in the male germ line. <i>Biology of Reproduction</i> , 2018 , 98, 593-606	3.9	61
53	New insights into sperm physiology and pathology. <i>Handbook of Experimental Pharmacology</i> , 2010 , 99-115	3.5	58
52	The lipid peroxidation product 4-hydroxynonenal contributes to oxidative stress-mediated deterioration of the ageing oocyte. <i>Scientific Reports</i> , 2017 , 7, 6247	4.9	54
51	The Role of Reactive Oxygen Species in Acute Myeloid Leukaemia. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	44
50	The effects of radiofrequency electromagnetic radiation on sperm function. <i>Reproduction</i> , 2016 , 152, R263-R276	3.8	43
49	Mechanisms of tethering and cargo transfer during epididymosome-sperm interactions. <i>BMC Biology</i> , 2019 , 17, 35	7.3	37
48	The Simmet lecture: new horizons on an old landscape--oxidative stress, DNA damage and apoptosis in the male germ line. <i>Reproduction in Domestic Animals</i> , 2012 , 47 Suppl 4, 7-14	1.6	34
47	The senescence-accelerated mouse prone 8 as a model for oxidative stress and impaired DNA repair in the male germ line. <i>Reproduction</i> , 2013 , 146, 253-62	3.8	33
46	Superior hydrolytic DNA cleavage by a dinuclear copper(II) N4S4-donor complex compared with a mononuclear N2S2-donor close analogue. <i>Inorganic Chemistry Communication</i> , 2000 , 3, 307-309	3.1	33
45	Heat Shock Protein A2 (HSPA2): Regulatory Roles in Germ Cell Development and Sperm Function. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2017 , 222, 67-93	1.2	27
44	Analysis of the effects of polyphenols on human spermatozoa reveals unexpected impacts on mitochondrial membrane potential, oxidative stress and DNA integrity; implications for assisted reproductive technology. <i>Biochemical Pharmacology</i> , 2016 , 121, 78-96	6	27
43	Value of DNA integrity assays for fertility evaluation. <i>Society of Reproduction and Fertility Supplement</i> , 2007 , 65, 81-92		24
42	Probing the Origins of 1,800 MHz Radio Frequency Electromagnetic Radiation Induced Damage in Mouse Immortalized Germ Cells and Spermatozoa. <i>Frontiers in Public Health</i> , 2018 , 6, 270	6	22

41	Oxidative damage in naturally aged mouse oocytes is exacerbated by dysregulation of proteasomal activity. <i>Journal of Biological Chemistry</i> , 2018 , 293, 18944-18964	5.4	20
40	Oxidative Stress in the Male Germline: A Review of Novel Strategies to Reduce 4-Hydroxynonenal Production. <i>Antioxidants</i> , 2018 , 7,	7.1	19
39	Acrosomal integrity, viability, and DNA damage of sperm from dasyurid marsupials after freezing or freeze drying. <i>Theriogenology</i> , 2009 , 72, 817-25	2.8	18
38	A Kinase Anchor Protein 4 Is Vulnerable to Oxidative Adduction in Male Germ Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2019 , 7, 319	5.7	18
37	Profiling of epididymal small non-protein-coding RNAs. <i>Andrology</i> , 2019 , 7, 669-680	4.2	17
36	Pharmacological inhibition of arachidonate 15-lipoxygenase protects human spermatozoa against oxidative stress. <i>Biology of Reproduction</i> , 2018 , 98, 784-794	3.9	17
35	()-2-(3,4-Dichlorophenyl)-3-(1-Pyrrol-2-yl)Acrylonitrile Exhibits Selective Antitumor Activity in Breast Cancer Cell Lines via the Aryl Hydrocarbon Receptor Pathway. <i>Molecular Pharmacology</i> , 2018 , 93, 168-177	4.3	13
34	The Sins of Our Forefathers: Paternal Impacts on De Novo Mutation Rate and Development. <i>Annual Review of Genetics</i> , 2020 , 54, 1-24	14.5	13
33	Characterization of a novel role for the dynamin mechanoenzymes in the regulation of human sperm acrosomal exocytosis. <i>Molecular Human Reproduction</i> , 2017 , 23, 657-673	4.4	12
32	Whole-body exposures to radiofrequency-electromagnetic energy can cause DNA damage in mouse spermatozoa via an oxidative mechanism. <i>Scientific Reports</i> , 2019 , 9, 17478	4.9	11
31	Developmental expression of the dynamin family of mechanoenzymes in the mouse epididymis. <i>Biology of Reproduction</i> , 2017 , 96, 159-173	3.9	9
30	Metal-directed synthesis of a chiral acyclic pentaamine and pendant-arm macrocyclic hexaamine derived from an amino acid. <i>Inorganica Chimica Acta</i> , 2004 , 357, 557-570	2.7	9
29	Functions and effects of reactive oxygen species in male fertility. <i>Animal Reproduction Science</i> , 2020 , 220, 106456	2.1	8
28	Molecular insights into the divergence and diversity of post-testicular maturation strategies. <i>Molecular and Cellular Endocrinology</i> , 2020 , 517, 110955	4.4	8
27	Analysis of Epididymal Protein Synthesis and Secretion. <i>Journal of Visualized Experiments</i> , 2018 ,	1.6	7
26	A novel naphthalimide that selectively targets breast cancer via the arylhydrocarbon receptor pathway. <i>Scientific Reports</i> , 2020 , 10, 13978	4.9	7
25	Geometrical isomerism in octahedral complexes arising from the presence of a fused ring on a triaza macrocycle. <i>Dalton Transactions</i> , 2003 , 2188	4.3	6
24	Good Cop, Bad Cop: Defining the Roles of p53 in Cancer and Aging. <i>Cancers</i> , 2020 , 12,	6.6	5

23	Direct Methods for the Detection of Reactive Oxygen Species in Human Semen Samples 2012 , 275-299		5
22	Pharmaco-proteogenomic profiling of pediatric diffuse midline glioma to inform future treatment strategies. <i>Oncogene</i> , 2021 ,	9.2	5
21	Shwachman-Bodian-Diamond syndrome (SBDS) protein is a direct inhibitor of protein phosphatase 2A (PP2A) activity and overexpressed in acute myeloid leukaemia. <i>Leukemia</i> , 2020 , 34, 3393-3397	10.7	5
20	Acrylamide modulates the mouse epididymal proteome to drive alterations in the sperm small non-coding RNA profile and dysregulate embryo development. <i>Cell Reports</i> , 2021 , 37, 109787	10.6	3
19	A novel role for milk fat globule-EGF factor 8 protein (MFGE8) in the mediation of mouse sperm-extracellular vesicle interactions. <i>Proteomics</i> , 2021 , 21, e2000079	4.8	3
18	Role of Oxidative Stress in the Etiology of Sperm DNA Damage 2011 , 277-293		2
17	Imipridones affect tumor bioenergetics and promote cell lineage differentiation in diffuse midline gliomas.. <i>Neuro-Oncology</i> , 2022 ,	1	2
16	Preclinical and clinical evaluation of German-sourced ONC201 for the treatment of H3K27M-mutant diffuse intrinsic pontine glioma.. <i>Neuro-Oncology Advances</i> , 2021 , 3, vdab169	0.9	2
15	Chapter 17:Redox Regulation of DNA Damage in the Male Germ Line. <i>Issues in Toxicology</i> , 2007 , 197-209	0.3	2
14	Gross and microanatomy of the male reproductive duct system of the saltwater crocodile <i>Crocodylus porosus</i> . <i>Reproduction, Fertility and Development</i> , 2021 ,	1.8	2
13	Electromagnetic Radiation and Oxidative Stress in the Male Germ Line 2012 , 3-20		1
12	Reply: M540 bodies interfere with TUNEL analyses in human semen samples. <i>Human Reproduction</i> , 2011 , 26, 729-730	5.7	1
11	Metal Complex-promoted Cleavage of RNA Dimers and Trimers: Electrospray Ionisation Mass Spectrometry Evidence for Cleavage. <i>Inorganic Reaction Mechanisms</i> , 2002 , 4, 169-186		1
10	Mechanistic Insight into the Regulation of Lipoyxygenase-Driven Lipid Peroxidation Events in Human Spermatozoa and Their Impact on Male Fertility. <i>Antioxidants</i> , 2020 , 10,	7.1	1
9	Post-testicular sperm maturation in the saltwater crocodile <i>Crocodylus porosus</i> : assessing the temporal acquisition of sperm motility. <i>Reproduction, Fertility and Development</i> , 2021 ,	1.8	1
8	Glycerophospholipids protect stallion spermatozoa from oxidative damage .. <i>Reproduction and Fertility</i> , 2021 , 2, 199-209	1.1	1
7	Proteomic analysis of koala (<i>Phascolarctos cinereus</i>) spermatozoa and prostatic bodies. <i>Proteomics</i> , 2021 , 21, e2100067	4.8	1
6	Capacitation and Acrosome Reaction: Histochemical Techniques to Determine Acrosome Reaction 2021 , 81-92		0

- 5 Assessment of the Emerging Threat Posed by Perfluoroalkyl and Polyfluoroalkyl Substances to Male Reproduction in Humans.. *Frontiers in Endocrinology*, **2021**, 12, 799043 5.7 
- 4 Causes and Clinical Significance of DNA Damage in the Male Germ Line.. *Biology of Reproduction*, **2008**, 78, 158-158 3.9
- 3 Role of Oxidative Stress in the Etiology of Sperm DNA Damage **2013**, 161-183
- 2 Role of Oxidative Stress in the Etiology of Sperm DNA Damage **2013**, 57-79
- 1 Quantitative proteomic dataset of mouse caput epididymal epithelial cells exposed to acrylamide .. *Data in Brief*, **2022**, 42, 108032 1.2