

Geoffry De Iuliis

List of Publications by Year in Descending Order

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

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	Imipridones affect tumor bioenergetics and promote cell lineage differentiation in diffuse midline gliomas.. <i>Neuro-Oncology</i> , 2022 ,	1	2
75	Quantitative proteomic dataset of mouse caput epididymal epithelial cells exposed to acrylamide .. <i>Data in Brief</i> , 2022 , 42, 108032	1.2	
74	Pharmaco-proteogenomic profiling of pediatric diffuse midline glioma to inform future treatment strategies. <i>Oncogene</i> , 2021 ,	9.2	5
73	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
72	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
71	Capacitation and Acrosome Reaction: Histochemical Techniques to Determine Acrosome Reaction 2021 , 81-92		0
70	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
69	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
68	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
67	Glycerophospholipids protect stallion spermatozoa from oxidative damage .. <i>Reproduction and Fertility</i> , 2021 , 2, 199-209	1.1	1
66	Proteomic analysis of koala (<i>Phascolarctos cinereus</i>) spermatozoa and prostatic bodies. <i>Proteomics</i> , 2021 , 21, e2100067	4.8	1
65	Assessment of the Emerging Threat Posed by Perfluoroalkyl and Polyfluoroalkyl Substances to Male Reproduction in Humans.. <i>Frontiers in Endocrinology</i> , 2021 , 12, 799043	5.7	0
64	Good Cop, Bad Cop: Defining the Roles of p53 in Cancer and Aging. <i>Cancers</i> , 2020 , 12,	6.6	5
63	Functions and effects of reactive oxygen species in male fertility. <i>Animal Reproduction Science</i> , 2020 , 220, 106456	2.1	8
62	Mechanistic Insight into the Regulation of Lipoygenase-Driven Lipid Peroxidation Events in Human Spermatozoa and Their Impact on Male Fertility. <i>Antioxidants</i> , 2020 , 10,	7.1	1
61	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
60	Molecular insights into the divergence and diversity of post-testicular maturation strategies. <i>Molecular and Cellular Endocrinology</i> , 2020 , 517, 110955	4.4	8

59	A novel naphthalimide that selectively targets breast cancer via the arylhydrocarbon receptor pathway. <i>Scientific Reports</i> , 2020 , 10, 13978	4.9	7
58	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
57	Mechanisms of tethering and cargo transfer during epididymosome-sperm interactions. <i>BMC Biology</i> , 2019 , 17, 35	7.3	37
56	Profiling of epididymal small non-protein-coding RNAs. <i>Andrology</i> , 2019 , 7, 669-680	4.2	17
55	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
54	The Role of Reactive Oxygen Species in Acute Myeloid Leukaemia. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	44
53	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
52	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
51	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
50	()-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
49	Pharmacological inhibition of arachidonate 15-lipoxygenase protects human spermatozoa against oxidative stress. <i>Biology of Reproduction</i> , 2018 , 98, 784-794	3.9	17
48	Characteristics of the Epididymal Luminal Environment Responsible for Sperm Maturation and Storage. <i>Frontiers in Endocrinology</i> , 2018 , 9, 59	5.7	86
47	Analysis of Epididymal Protein Synthesis and Secretion. <i>Journal of Visualized Experiments</i> , 2018 ,	1.6	7
46	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
45	Oxidative Stress in the Male Germline: A Review of Novel Strategies to Reduce 4-Hydroxynonenal Production. <i>Antioxidants</i> , 2018 , 7,	7.1	19
44	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
43	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
42	Developmental expression of the dynamin family of mechanoenzymes in the mouse epididymis. <i>Biology of Reproduction</i> , 2017 , 96, 159-173	3.9	9

41	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
40	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
39	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
38	The effects of radiofrequency electromagnetic radiation on sperm function. <i>Reproduction</i> , 2016 , 152, R263-R276	3.8	43
37	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
36	Oxidative stress and male reproductive health. <i>Asian Journal of Andrology</i> , 2014 , 16, 31-8	2.8	320
35	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
34	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
33	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
32	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
31	Role of Oxidative Stress in the Etiology of Sperm DNA Damage 2013 , 161-183		
30	Role of Oxidative Stress in the Etiology of Sperm DNA Damage 2013 , 57-79		
29	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
28	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
27	Direct Methods for the Detection of Reactive Oxygen Species in Human Semen Samples 2012 , 275-299		5
26	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
25	Electromagnetic Radiation and Oxidative Stress in the Male Germ Line 2012 , 3-20		1
24	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

23	Role of Oxidative Stress in the Etiology of Sperm DNA Damage 2011 , 277-293		2
22	Reply: M540 bodies interfere with TUNEL analyses in human semen samples. <i>Human Reproduction</i> , 2011 , 26, 729-730	5.7	1
21	New insights into sperm physiology and pathology. <i>Handbook of Experimental Pharmacology</i> , 2010 , 99-115	13.5	58
20	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
19	On the possible origins of DNA damage in human spermatozoa. <i>Molecular Human Reproduction</i> , 2010 , 16, 3-13	4.4	397
18	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
17	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
16	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
15	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
14	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
13	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
12	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
11	Causes and Clinical Significance of DNA Damage in the Male Germ Line.. <i>Biology of Reproduction</i> , 2008 , 78, 158-158	3.9	
10	Analysis of lipid peroxidation in human spermatozoa using BODIPY C11. <i>Molecular Human Reproduction</i> , 2007 , 13, 203-11	4.4	139
9	Origins and consequences of DNA damage in male germ cells. <i>Reproductive BioMedicine Online</i> , 2007 , 14, 727-33	4	326
8	Chapter 17:Redox Regulation of DNA Damage in the Male Germ Line. <i>Issues in Toxicology</i> , 2007 , 197-209	0.3	2
7	Value of DNA integrity assays for fertility evaluation. <i>Society of Reproduction and Fertility Supplement</i> , 2007 , 65, 81-92		24
6	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

5	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
4	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
3	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
2	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
1	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