

Ricardo Bertolla

List of Publications by Citations

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78
papers

2,038
citations

27
h-index

43
g-index

112
ext. papers

2,345
ext. citations

2.4
avg, IF

4.74
L-index

#	Paper	IF	Citations
78	Sperm nuclear DNA fragmentation and mitochondrial activity in men with varicocele. <i>Fertility and Sterility</i> , 2008 , 90, 1716-22	4.8	112
77	Association between obesity and alteration of sperm DNA integrity and mitochondrial activity. <i>BJU International</i> , 2012 , 110, 863-7	5.6	110
76	Clinical outcome of intracytoplasmic sperm injection in infertile men with treated and untreated clinical varicocele. <i>Journal of Urology</i> , 2010 , 184, 1442-6	2.5	95
75	Single embryo and oocyte lipid fingerprinting by mass spectrometry. <i>Journal of Lipid Research</i> , 2010 , 51, 1218-27	6.3	94
74	Effect of varicocele on sperm function and semen oxidative stress. <i>BJU International</i> , 2012 , 109, 259-65	5.6	93
73	Sperm nuclear DNA fragmentation in adolescents with varicocele. <i>Fertility and Sterility</i> , 2006 , 85, 625-8	4.8	80
72	Effect of cryopreservation on sperm apoptotic deoxyribonucleic acid fragmentation in patients with oligozoospermia. <i>Fertility and Sterility</i> , 2006 , 86, 597-600	4.8	75
71	Adolescent varicocele: improved sperm function after varicocelectomy. <i>Fertility and Sterility</i> , 2011 , 95, 994-9	4.8	66
70	Proteomic analysis of seminal plasma in adolescents with and without varicocele. <i>Fertility and Sterility</i> , 2013 , 99, 92-98	4.8	61
69	Expression of the HSPA2 gene in ejaculated spermatozoa from adolescents with and without varicocele. <i>Fertility and Sterility</i> , 2006 , 86, 1659-63	4.8	61
68	Differences in the seminal plasma proteome are associated with oxidative stress levels in men with normal semen parameters. <i>Fertility and Sterility</i> , 2015 , 104, 292-301	4.8	56
67	Effect of smoking on the functional aspects of sperm and seminal plasma protein profiles in patients with varicocele. <i>Human Reproduction</i> , 2012 , 27, 3140-9	5.7	54
66	Effect of leukocytospermia and processing by discontinuous density gradient on sperm nuclear DNA fragmentation and mitochondrial activity. <i>Journal of Assisted Reproduction and Genetics</i> , 2009 , 26, 151-7	3.4	51
65	Does varicocele grade determine extent of alteration to spermatogenesis in adolescents?. <i>Fertility and Sterility</i> , 2008 , 90, 1769-73	4.8	50
64	Association between the seminal plasma proteome and sperm functional traits. <i>Fertility and Sterility</i> , 2016 , 105, 617-628	4.8	46
63	Unraveling the sperm proteome and post-genomic pathways associated with sperm nuclear DNA fragmentation. <i>Journal of Assisted Reproduction and Genetics</i> , 2013 , 30, 1187-202	3.4	45
62	Semen processing by density gradient centrifugation does not improve sperm apoptotic deoxyribonucleic acid fragmentation rates. <i>Fertility and Sterility</i> , 2008 , 90, 889-90	4.8	44

61	Unbiased label-free quantitative proteomic profiling and enriched proteomic pathways in seminal plasma of adult men before and after varicocelectomy. <i>Human Reproduction</i> , 2013 , 28, 33-46	5.7	43
60	Understanding the seminal plasma proteome and its role in male fertility. <i>Basic and Clinical Andrology</i> , 2018 , 28, 6	2.8	35
59	Determination of testicular function in adolescents with varicocele - a proteomics approach. <i>Andrology</i> , 2016 , 4, 447-55	4.2	34
58	Changes in the seminal plasma proteome of adolescents before and after varicocelectomy. <i>Fertility and Sterility</i> , 2013 , 100, 667-72	4.8	34
57	Towards the identification of reliable sperm biomarkers for male infertility: A sperm proteomic approach. <i>Andrologia</i> , 2018 , 50, e12919	2.4	34
56	Analysis of the functional aspects and seminal plasma proteomic profile of sperm from smokers. <i>BJU International</i> , 2016 , 118, 814-822	5.6	33
55	Individual and seminal characteristics of patients with testicular germ cell tumors. <i>Fertility and Sterility</i> , 2010 , 94, 2107-12	4.8	33
54	Sperm nuclear DNA fragmentation rate is associated with differential protein expression and enriched functions in human seminal plasma. <i>BJU International</i> , 2013 , 112, 835-43	5.6	32
53	Pre-treatment of cattle semen or oocytes with purified milk osteopontin affects in vitro fertilization and embryo development. <i>Animal Reproduction Science</i> , 2008 , 108, 375-83	2.1	32
52	Quality and functional aspects of sperm retrieved through assisted ejaculation in men with spinal cord injury. <i>Fertility and Sterility</i> , 2009 , 91, 819-25	4.8	30
51	Intrauterine Growth Restriction Programs the Hypothalamus of Adult Male Rats: Integrated Analysis of Proteomic and Metabolomic Data. <i>Journal of Proteome Research</i> , 2017 , 16, 1515-1525	5.6	27
50	Prostate cancer proteomics: clinically useful protein biomarkers and future perspectives. <i>Expert Review of Proteomics</i> , 2018 , 15, 65-79	4.2	27
49	Proteomic profile of seminal plasma in adolescents and adults with treated and untreated varicocele. <i>Asian Journal of Andrology</i> , 2016 , 18, 194-201	2.8	26
48	Differential seminal plasma proteome according to semen retrieval in men with spinal cord injury. <i>Fertility and Sterility</i> , 2013 , 100, 959-69	4.8	24
47	Lipid profiling of follicular fluid from women undergoing IVF: young poor ovarian responders versus normal responders. <i>Human Fertility</i> , 2013 , 16, 269-77	1.9	24
46	Proteomic analysis of follicular fluid from women with and without endometriosis: new therapeutic targets and biomarkers. <i>Molecular Reproduction and Development</i> , 2013 , 80, 441-50	2.6	23
45	Alterations in the proliferative/apoptotic equilibrium in semen of adolescents with varicocele. <i>Journal of Assisted Reproduction and Genetics</i> , 2016 , 33, 1657-1664	3.4	22
44	Towards Understanding Male Infertility After Spinal Cord Injury Using Quantitative Proteomics. <i>Molecular and Cellular Proteomics</i> , 2016 , 15, 1424-34	7.6	22

43	Sperm proteomics: potential impact on male infertility treatment. <i>Expert Review of Proteomics</i> , 2016 , 13, 285-96	4.2	21
42	Is sperm cryopreservation an option for fertility preservation in patients with spinal cord injury-induced anejaculation?. <i>Fertility and Sterility</i> , 2010 , 94, 564-73	4.8	21
41	Lipid fingerprinting in women with early-onset preeclampsia: a first look. <i>Clinical Biochemistry</i> , 2012 , 45, 852-5	3.5	18
40	Sperm nuclear apoptotic DNA fragmentation in men with testicular cancer. <i>Fertility and Sterility</i> , 2008 , 90, 1782-6	4.8	18
39	Sperm functional aspects and enriched proteomic pathways of seminal plasma of adult men with obesity. <i>Andrology</i> , 2019 , 7, 341-349	4.2	16
38	Effect of endometriosis on the protein expression pattern of follicular fluid from patients submitted to controlled ovarian hyperstimulation for in vitro fertilization. <i>Human Reproduction</i> , 2010 , 25, 1755-66	5.7	16
37	Molecular pathways of varicocele and its repair - A paired labelled shotgun proteomics approach. <i>Journal of Proteomics</i> , 2019 , 196, 22-32	3.9	15
36	Systemic arterial hypertension leads to decreased semen quality and alterations in the testicular microcirculation in rats. <i>Scientific Reports</i> , 2019 , 9, 11047	4.9	15
35	Semen levels of matrix metalloproteinase (MMP) and tissue inhibitor of metalloproteinases (TIMP) protein families members in men with high and low sperm DNA fragmentation. <i>Scientific Reports</i> , 2019 , 9, 903	4.9	14
34	Impact of adrenalectomy and dexamethasone treatment on testicular morphology and sperm parameters in rats: insights into the adrenal control of male reproduction. <i>Andrology</i> , 2014 , 2, 835-46	4.2	13
33	Effect of different semen extenders for the storage of chilled sperm in Tigrina (<i>Leopardus tigrinus</i>). <i>Theriogenology</i> , 2017 , 89, 146-154	2.8	13
32	Expression of the Fas-ligand gene in ejaculated sperm from adolescents with and without varicocele. <i>Journal of Assisted Reproduction and Genetics</i> , 2010 , 27, 103-9	3.4	13
31	Cysteine-rich secretory protein 3: inflammation role in adult varicocele. <i>Andrology</i> , 2019 , 7, 53-61	4.2	10
30	Effect of in vitro vitamin E (alpha-tocopherol) supplementation in human spermatozoon submitted to oxidative stress. <i>Andrologia</i> , 2018 , 50, e12959	2.4	9
29	Post-translational modifications of seminal proteins and their importance in male fertility potential. <i>Expert Review of Proteomics</i> , 2019 , 16, 941-950	4.2	9
28	Maldi-tof fingerprinting of seminal plasma lipids in the study of human male infertility. <i>Lipids</i> , 2014 , 49, 943-56	1.6	9
27	Antioxidant enzyme profile and lipid peroxidation products in semen samples of testicular germ cell tumor patients submitted to orchiectomy. <i>International Braz J Urol: Official Journal of the Brazilian Society of Urology</i> , 2017 , 43, 644-651	2	8
26	Follicular fluid lipid peroxidation levels in women with endometriosis during controlled ovarian hyperstimulation. <i>Human Fertility</i> , 2017 , 20, 48-54	1.9	6

25	Metabolomics of male infertility: characterization of seminal plasma lipid fingerprints in men with spinal cord injury. <i>Fertility and Sterility</i> , 2011 , 96, S233	4.8	6
24	Inhibitory activity of Etoposide on apoptosis in the rat bladder wall subjected to androgen deprivation. <i>Neurourology and Urodynamics</i> , 2011 , 30, 194-8	2.3	6
23	Effect of orchiectomy on sperm functional aspects and semen oxidative stress in men with testicular tumours. <i>Andrologia</i> , 2019 , 51, e13205	2.4	6
22	Oxidative origin of sperm DNA fragmentation in the adult varicocele. <i>International Braz J Urol: Official Journal of the Brazilian Society of Urology</i> , 2021 , 47, 275-283	2	6
21	Seminal plasma protein networks and enriched functions in varicocele: Effect of smoking. <i>Andrologia</i> , 2020 , 52, e13562	2.4	4
20	Proteomic pathway in seminal plasma of men with spinal cord injury (SCI) before and after oral administration of probenecid. <i>Fertility and Sterility</i> , 2015 , 104, e10	4.8	3
19	Lipid Fingerprinting in Mild versus Severe Forms of Gestational Diabetes Mellitus. <i>PLoS ONE</i> , 2015 , 10, e0144027	3.7	3
18	206 ALPHA6, BETA1, AND BETA3 INTEGRINS EXPRESSED BY SPERM MAY BE INVOLVED IN CATTLE FERTILIZATION. <i>Reproduction, Fertility and Development</i> , 2009 , 21, 201	1.8	3
17	Carnosine treatment during human semen processing by discontinuous density gradient. <i>Andrologia</i> , 2020 , 52, e13497	2.4	3
16	Seminal inflammasome activity in the adult varicocele. <i>Human Fertility</i> , 2021 , 1-15	1.9	3
15	Influence of physical activity on male fertility.. <i>Andrologia</i> , 2022 , e14433	2.4	3
14	Transurethral resection of the ejaculatory duct in a fertile man. <i>Fertility and Sterility</i> , 2008 , 89, 1260.e13-1260.e15	4.8	5
13	Specific characteristics of urethral strictures in a developing country (Brazil). <i>World Journal of Urology</i> , 2019 , 37, 661-666	4	2
12	Perfil oxidativo e funcional de sēmen bovino criopreservado em diferentes estaēes do ano. <i>Brazilian Journal of Veterinary Research and Animal Science</i> , 2015 , 52, 134	0.3	1
11	Effect of Varicocele on Sperm Function and Semen Oxidative Stress.. <i>Biology of Reproduction</i> , 2009 , 81, 471-471	3.9	1
10	Proteomics in Human Reproduction. <i>SpringerBriefs in Reproductive Biology</i> , 2016 ,		1
9	Mechanisms of Sperm Oxidation: Breaking Down the Origins of Oxidative Activity. <i>Proteomics</i> , 2020 , 20, e1900375	4.8	1
8	Outcome reporting across randomized controlled trials evaluating potential treatments for male infertility: a systematic review.. <i>Human Reproduction Open</i> , 2022 , 2022, hoac010	6.1	1

7	Current scenario of endourological treatment of kidney stones in brazil: results of a national survey. <i>International Braz J Urol: Official Journal of the Brazilian Society of Urology</i> , 2020 , 46, 400-408	2	○
6	Evaluation of oxidative stress in seminal plasma of adolescents with varicocele.. <i>Reproduction and Fertility</i> , 2021 , 2, 141-150	1.1	○
5	Protocol for developing a core outcome set for male infertility research: an international consensus development study.. <i>Human Reproduction Open</i> , 2022 , 2022, hoac014	6.1	○
4	Apoptotic balance during testicular detorsion after one hour induced torsion in rats. <i>Andrologia</i> , 2021 , e14349	2.4	○
3	Proteomic insight of seminal plasma in spinal cord injured men submitted to oral probenecid treatment for improved motility. <i>Journal of Spinal Cord Medicine</i> , 2020 , 1-6	1.9	
2	Sperm chromatin structure assay versus sperm chromatin dispersion kits: Technical repeatability and choice of assisted reproductive technology procedure. <i>Clinical and Experimental Reproductive Medicine</i> , 2020 , 47, 277-283	2.2	
1	Restoration of the apoptosis pathways↑proteins levels after orchiectomy in testicular tumour patients. <i>Andrologia</i> , 2020 , 52, e13846	2.4	