

Felice Francavilla

List of Publications by Year in descending order

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110
papers

2,768
citations

159585

30
h-index

223800

46
g-index

111
all docs

111
docs citations

111
times ranked

2884
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolic syndrome in spinal cord injury: Impact on health. , 2022, , 377-388.		1
2	Cannabinoid signalling and effects of cannabis on the male reproductive system. Nature Reviews Urology, 2021, 18, 19-32.	3.8	26
3	Relationship of Vitamin D status with testosterone levels: a systematic review and meta-analysis. Endocrine, 2021, 72, 49-61.	2.3	21
4	Clinical and seminal parameters associated with testicular microlithiasis and its severity in males from infertile couples. Human Reproduction, 2021, 36, 891-898.	0.9	7
5	Relationship between leukocytospermia, reproductive potential after assisted reproductive technology, and sperm parameters: a systematic review and meta-analysis of case-control studies. Andrology, 2020, 8, 125-135.	3.5	31
6	Relationship between natural and intrauterine insemination-assisted live births and the degree of sperm autoimmunisation. Human Reproduction, 2020, 35, 1288-1295.	0.9	20
7	SARS-CoV-2 infection, male fertility and sperm cryopreservation: a position statement of the Italian Society of Andrology and Sexual Medicine (SIAMS) (Societ� Italiana di Andrologia e Medicina della Tj ETQq1 1 0.784314 rgB9/Overlo	0.7	14
8	Bisphenol A and Male Fertility: Myths and Realities. Frontiers in Endocrinology, 2020, 11, 353.	3.5	57
9	Testosterone, level of the lesion and age are independently associated with prostate volume in men with chronic spinal cord injury. Journal of Endocrinological Investigation, 2020, 43, 1599-1606.	3.3	2
10	Independent Association of Erectile Dysfunction and Low Testosterone Levels with Life Dissatisfaction in Men with Chronic Spinal Cord Injury. Journal of Sexual Medicine, 2020, 17, 911-918.	0.6	13
11	Metabolic syndrome is the key determinant of impaired vaginal lubrication in women with chronic spinal cord injury. Journal of Endocrinological Investigation, 2020, 43, 1001-1007.	3.3	10
12	Polymorphic Cytosine-Adenine-Guanine Repeat Length of Androgen Receptor Gene and Gender Incongruence in Trans Women: A Systematic Review and Meta-Analysis of Case-Control Studies. Journal of Sexual Medicine, 2020, 17, 543-550.	0.6	19
13	Left spermatic vein reflux after varicocele repair predicts pregnancies and live births in subfertile couples. Journal of Endocrinological Investigation, 2019, 42, 1215-1221.	3.3	1
14	Prevalence of anti-sperm antibodies and relationship of degree of sperm auto-immunization to semen parameters and post-coital test outcome: a retrospective analysis of over 10 000 men. Human Reproduction, 2019, 34, 834-841.	0.9	30
15	Erectile Dysfunction and Premature Ejaculation in Homosexual and Heterosexual Men: A Systematic Review and Meta-Analysis of Comparative Studies. Journal of Sexual Medicine, 2019, 16, 624-632.	0.6	27
16	Testicular Cancer in Infertile Men With and Without Testicular Microlithiasis: A Systematic Review and Meta-Analysis of Case-Control Studies. Frontiers in Endocrinology, 2019, 10, 164.	3.5	42
17	Effect of prolonged treatment with phosphodiesterase-5-inhibitors on endothelial dysfunction in vascular diseases and vascular risk conditions: A systematic review analysis and meta-analysis of randomized double-blind placebo-controlled trials. International Journal of Clinical Practice, 2019, 73, e13296.	1.7	5
18	Can the positive association of osteocalcin with testosterone be unmasked when the preminent hypothalamic-pituitary regulation of testosterone production is impaired? The model of spinal cord injury. Journal of Endocrinological Investigation, 2019, 42, 167-173.	3.3	7

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19	Low vitamin D levels are independent predictors of 1-year worsening in physical function in people with chronic spinal cord injury: a longitudinal study. <i>Spinal Cord</i> , 2018, 56, 494-501.	1.9	13
20	Reproductive hormones and sperm parameters after varicocele repair: An observational study. <i>Andrologia</i> , 2018, 50, e13118.	2.1	2
21	Risk of prostate cancer in men with spinal cord injury: A systematic review and meta-analysis. <i>Asian Journal of Andrology</i> , 2018, 20, 555.	1.6	14
22	Determination of spermatic vein reflux after varicocele repair helps to define the efficacy of treatment in improving sperm parameters of subfertile men. <i>Journal of Endocrinological Investigation</i> , 2017, 40, 1145-1153.	3.3	15
23	Lower Vitamin D Levels Are Associated With Depression in People With Chronic Spinal Cord Injury. <i>Archives of Physical Medicine and Rehabilitation</i> , 2017, 98, 940-946.	0.9	24
24	2-araachidonoylglycerol levels are increased in leukocytospermia and correlate with seminal macrophages. <i>Andrology</i> , 2017, 5, 87-94.	3.5	5
25	Male Autoimmune Infertility. , 2017, , 187-196.		10
26	Serum From Patients with Erectile Dysfunction and Vascular Risk Factors Triggered an Oxidative Stress-Dependent Mitochondrial Apoptotic Pathway in Ex Vivo Expanded Circulating Angiogenic Cells of Healthy Men. <i>Journal of Sexual Medicine</i> , 2016, 13, 1063-1070.	0.6	4
27	Independent Association of Vitamin D With Physical Function in People With Chronic Spinal Cord Injury. <i>Archives of Physical Medicine and Rehabilitation</i> , 2016, 97, 726-732.	0.9	25
28	In vitro exposure of human spermatozoa to bisphenol A induces pro-oxidative/apoptotic mitochondrial dysfunction. <i>Reproductive Toxicology</i> , 2016, 66, 61-67.	2.9	86
29	Semen leukocytes and oxidative-dependent DNA damage of spermatozoa in male partners of subfertile couples with no symptoms of genital tract infection. <i>Andrology</i> , 2016, 4, 808-815.	3.5	34
30	Association between 25(OH)-vitamin D and testosterone levels: Evidence from men with chronic spinal cord injury. <i>Journal of Spinal Cord Medicine</i> , 2016, 39, 246-252.	1.4	30
31	Low testosterone and non-alcoholic fatty liver disease: Evidence for their independent association in men with chronic spinal cord injury. <i>Journal of Spinal Cord Medicine</i> , 2016, 39, 443-449.	1.4	56
32	Embolization of left spermatic vein in non-obstructive azoospermic men with varicocele: role of FSH to predict the appearance of ejaculated spermatozoa after treatment. <i>Journal of Endocrinological Investigation</i> , 2015, 38, 785-790.	3.3	17
33	Letter to the Editor: Comment on Gaspar AP, Brandão CM, Lazaretti-Castro M. Bone mass and hormone analysis in spinal cord injury patients: evidences for a gonadal axis disruption. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, L20-L20.	3.6	1
34	Correlates of low testosterone in men with chronic spinal cord injury. <i>Andrology</i> , 2014, 2, 721-728.	3.5	46
35	Ultrasonographic caput epididymis diameter is reduced in non-obstructive azoospermia compared with normozoospermia but is not predictive for successful sperm retrieval after TESE. <i>Human Reproduction</i> , 2014, 29, 1368-1374.	0.9	16
36	Involvement of cannabinoid receptor-1 activation in mitochondrial depolarizing effect of lipopolysaccharide in human spermatozoa. <i>Andrology</i> , 2014, 2, 502-509.	3.5	14

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37	Tadalafil treatment had a modest effect on endothelial cell damage and repair ability markers in men with erectile dysfunction and vascular risk. <i>Asian Journal of Andrology</i> , 2014, 16, 290.	1.6	7
38	Biological control of vaginosis to improve reproductive health. <i>Indian Journal of Medical Research</i> , 2014, 140 Suppl, S91-7.	1.0	9
39	Ultrasonographic determination of caput epididymis diameter is strongly predictive of obstruction in the genital tract in azoospermic men with normal serum <sc>FSH</sc>. <i>Andrology</i> , 2013, 1, 133-138.	3.5	39
40	Involvement of mitochondrial dysfunction in the adverse effect exerted by seminal plasma from men with spinal cord injury on sperm motility. <i>Andrology</i> , 2013, 1, 456-463.	3.5	26
41	Soluble Products of <i>Escherichia coli</i> Induce Mitochondrial Dysfunction-Related Sperm Membrane Lipid Peroxidation Which Is Prevented by <i>Lactobacilli</i> . <i>PLoS ONE</i> , 2013, 8, e83136.	2.5	43
42	Serum from patients with erectile dysfunction inhibits circulating angiogenic cells from healthy men: relationship with cardiovascular risk, endothelial damage and circulating angiogenic modulators. <i>Journal of Developmental and Physical Disabilities</i> , 2012, 35, 645-652.	3.6	13
43	Erectile Dysfunction is the Main Determinant of Psychological Distress in Men with Spinal Cord Injury. <i>Journal of Sexual Medicine</i> , 2012, 9, 830-836.	0.6	44
44	Mechanism of Human Papillomavirus Binding to Human Spermatozoa and Fertilizing Ability of Infected Spermatozoa. <i>PLoS ONE</i> , 2011, 6, e15036.	2.5	122
45	Altered ultrastructure of mitochondrial membranes is strongly associated with unexplained asthenozoospermia. <i>Fertility and Sterility</i> , 2011, 95, 641-646.	1.0	85
46	Effect of vaginal probiotic <i>Lactobacilli</i> on in vitro-induced sperm lipid peroxidation and its impact on sperm motility and viability. <i>Fertility and Sterility</i> , 2011, 95, 2485-2488.	1.0	57
47	Physical exercise at high altitude is associated with a testicular dysfunction leading to reduced sperm concentration but healthy sperm quality. <i>Fertility and Sterility</i> , 2011, 96, 28-33.	1.0	33
48	Activation of the immune system and sperm DNA fragmentation are associated with idiopathic oligoasthenoteratospermia in men with couple subfertility. <i>Fertility and Sterility</i> , 2011, 95, 2676-2679.e3.	1.0	13
49	Reply of the Authors: Cross-over design trials in infertility-How much multiplicity is too much?. <i>Fertility and Sterility</i> , 2010, 93, e9.	1.0	1
50	Energetic Metabolism and Human Sperm Motility: Impact of CB1 Receptor Activation. <i>Endocrinology</i> , 2010, 151, 5882-5892.	2.8	47
51	Protein tyrosine phosphorylation of the human sperm head during capacitation: immunolocalization and relationship with acquisition of sperm-fertilizing ability. <i>Asian Journal of Andrology</i> , 2010, 12, 853-861.	1.6	16
52	Characterization of the Endocannabinoid System in Human Spermatozoa and Involvement of Transient Receptor Potential Vanilloid 1 Receptor in Their Fertilizing Ability. <i>Endocrinology</i> , 2009, 150, 4692-4700.	2.8	106
53	Beta-chemokine receptor CCR5 in human spermatozoa and its relationship with seminal parameters. <i>Human Reproduction</i> , 2009, 24, 2979-2987.	0.9	8
54	Modification of the Slide Agglutination Test for the Detection of Sperm-Agglutinins*. <i>Andrologia</i> , 2009, 15, 699-704.	2.1	11

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55	Fluorescence Microscopic Detection of Acrosin in Different Morphologic Types of Human Spermatozoa*/Fluoreszenzmikroskopische Bestimmung von Akrosin bei verschiedenen Formen menschlicher Spermatozoen. <i>Andrologia</i> , 2009, 20, 344-350.	2.1	3
56	Treatment of erectile dysfunction reduces psychological distress. <i>Journal of Developmental and Physical Disabilities</i> , 2009, 32, 74-80.	3.6	21
57	Seminal macrophages in ejaculates from men with couple infertility. <i>Journal of Developmental and Physical Disabilities</i> , 2009, 32, 623-628.	3.6	28
58	Intrauterine insemination with or without mild ovarian stimulation in couples with male subfertility due to oligo/astheno- and/or teratozoospermia or antisperm antibodies: a prospective cross-over trial. <i>Fertility and Sterility</i> , 2009, 92, 1009-1011.	1.0	23
59	Male Autoimmune Infertility. , 2009, , 145-153.		4
60	Low birth weight and later development of insulin resistance and biochemical/clinical features of polycystic ovary syndrome. <i>Metabolism: Clinical and Experimental</i> , 2008, 57, 999-1004.	3.4	49
61	Inhibition of phosphodiesterase type 5 with tadalafil is associated to an improved activity of circulating angiogenic cells in men with cardiovascular risk factors and erectile dysfunction. <i>Atherosclerosis</i> , 2008, 196, 313-319.	0.8	25
62	Dynamics of the Global Tyrosine Phosphorylation During Capacitation and Acquisition of the Ability to Fuse with Oocytes in Human Spermatozoa1. <i>Biology of Reproduction</i> , 2008, 79, 649-656.	2.7	33
63	RANTES and human sperm fertilizing ability: effect on acrosome reaction and sperm/oocyte fusion. <i>Molecular Human Reproduction</i> , 2008, 14, 387-391.	2.8	13
64	Psychological features in men with erectile dysfunction with or without preclinical atherosclerosis. <i>International Journal of Impotence Research</i> , 2007, 19, 597-601.	1.8	4
65	Naturally-occurring antisperm antibodies in men: interference with fertility and clinical implications. An update. <i>Frontiers in Bioscience - Landmark</i> , 2007, 12, 2890.	3.0	73
66	A preliminary study of oscillating electromagnetic field effects on human spermatozoon motility. <i>Bioelectromagnetics</i> , 2007, 28, 72-75.	1.6	30
67	Within-subject variation of seminal parameters in men with infertile marriages. <i>Journal of Developmental and Physical Disabilities</i> , 2007, 30, 174-181.	3.6	48
68	Retinol binding protein 4, low birth weight-related insulin resistance and hormonal contraception. <i>Endocrine</i> , 2007, 32, 166-169.	2.3	6
69	Isolated teratozoospermia: a cause of male sterility in the era of ICSI?. <i>Frontiers in Bioscience - Landmark</i> , 2007, 12, 69.	3.0	17
70	Ultrastructural analysis of asthenozoospermic ejaculates in the era of assisted procreation. <i>Fertility and Sterility</i> , 2006, 85, 940-946.	1.0	18
71	The inhibition of the human sperm phosphatidylinositol 3-kinase by LY294002 does not interfere with sperm/oocyte interaction. <i>Journal of Developmental and Physical Disabilities</i> , 2006, 29, 468-474.	3.6	4
72	Penile duplex pharmaco-ultrasonography of cavernous arteries in men with erectile dysfunction and generalized atherosclerosis. <i>Journal of Developmental and Physical Disabilities</i> , 2006, 29, 496-501.	3.6	18

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73	Monoclonal antibody c262 counteracts the stimulatory effect of progesterone on sperm-oocyte fusion. <i>Journal of Developmental and Physical Disabilities</i> , 2005, 28, 27-30.	3.6	9
74	Vascular aetiology of erectile dysfunction. <i>Journal of Developmental and Physical Disabilities</i> , 2005, 28, 35-39.	3.6	14
75	Immunophenotypical characterization of contractile cells in caput epididymidis of men affected by congenital or post-inflammatory obstructive azoospermia. <i>Molecular Human Reproduction</i> , 2005, 11, 289-294.	2.8	2
76	INTIMA-MEDIA THICKENING OF COMMON CAROTID ARTERIES IS A RISK FACTOR FOR SEVERE ERECTILE DYSFUNCTION IN MEN WITH VASCULAR RISK FACTORS BUT NO CLINICAL EVIDENCE OF ATHEROSCLEROSIS. <i>Journal of Urology</i> , 2005, 173, 526-529.	0.4	53
77	Expression of gp20, a human sperm antigen of epididymal origin, is reduced in spermatozoa from subfertile men. <i>Molecular Reproduction and Development</i> , 2004, 69, 235-240.	2.0	32
78	ENDOTHELIAL CELL ACTIVATION IN MEN WITH ERECTILE DYSFUNCTION WITHOUT CARDIOVASCULAR RISK FACTORS AND OVERT VASCULAR DAMAGE. <i>Journal of Urology</i> , 2004, 171, 1601-1604.	0.4	120
79	Human spermatozoa as a model for studying membrane receptors mediating rapid nongenomic effects of progesterone and estrogens. <i>Steroids</i> , 2004, 69, 553-559.	1.8	126
80	The Contractile Wall of the Caput Epididymidis in Men Affected by Congenital or Postinflammatory Obstructive Azoospermia. <i>Journal of Andrology</i> , 2004, 25, 417-425.	2.0	8
81	Evaluation of the effect of 17 β -OH-progesterone and 17 β -oestradiol on human sperm ability to fuse with oocytes: comparison and possible interference with the effect of progesterone. <i>Journal of Developmental and Physical Disabilities</i> , 2003, 26, 342-347.	3.6	10
82	Effect of human sperm exposure to progesterone on sperm-oocyte fusion and sperm-zona pellucida binding under various experimental conditions. <i>Journal of Developmental and Physical Disabilities</i> , 2002, 25, 106-112.	3.6	15
83	Interactive effect of semen and cervical mucus quality on postcoital test outcome: analysis from an andrological point of view. <i>Journal of Developmental and Physical Disabilities</i> , 2002, 25, 236-242.	3.6	1
84	Blood endothelin-1 levels before and after carotid endarterectomy for atherosclerotic stenosis. <i>Atherosclerosis</i> , 2001, 154, 137-140.	0.8	6
85	Ultrastructural analysis of chromatin defects in testicular spermatids in azoospermic men submitted to TESE-ICSI. <i>Human Reproduction</i> , 2001, 16, 1440-1448.	0.9	21
86	Nitric Oxide Synthase Inhibition in Human Sperm Affects Sperm-Oocyte Fusion but Not Zona Pellucida Binding1. <i>Biology of Reproduction</i> , 2000, 63, 425-429.	2.7	39
87	Naturally-occurring antisperm antibodies in men: interference with fertility and implications for treatment. <i>Frontiers in Bioscience - Landmark</i> , 1999, 4, e9.	3.0	8
88	A sialoglycoprotein, gp20, of the human capacitated sperm surface is a homologue of the leukocyte CD52 antigen: analysis of the effect of anti-CD52 monoclonal antibody (CAMPATH-1) on capacitated spermatozoa. <i>Molecular Human Reproduction</i> , 1999, 5, 46-51.	2.8	22
89	Specific localization in the equatorial region of gp20, a 20 kDa sialoglycoprotein of the capacitated human spermatozoon acquired during epididymal transit which is necessary to penetrate zona-free hamster eggs. <i>Molecular Human Reproduction</i> , 1998, 4, 119-125.	2.8	37
90	Carbohydrate binding activity in human spermatozoa: localization, specificity, and involvement in sperm-egg fusion. <i>Molecular Human Reproduction</i> , 1998, 4, 543-553.	2.8	21

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91	A prospective analysis of the accuracy of the TEST-yolk buffer enhanced hamster egg penetration test and acrosin activity in discriminating fertile from infertile males. Human Reproduction, 1998, 13, 2115-2121.	0.9	6
92	Interference of antisperm antibodies with the induction of the acrosome reaction by zona pellucida (ZP) and its relationship with the inhibition of ZP binding. Fertility and Sterility, 1997, 67, 1128-1133.	1.0	34
93	P-031. A prospective analysis of the diagnostic value of the semen profile, TEST-yolk buffer enhanced sperm penetration assay, acrosin activity and nuclear maturity test in assessing male fertility. Human Reproduction, 1997, 12, 135-135.	0.9	0
94	O-181. Interference of sperm antibodies with induction of the acrosome reaction by zona pellucida and its relationship with inhibition of zona pellucida binding. Human Reproduction, 1997, 12, 89-90.	0.9	0
95	Occurrence of the Interference of Sperm-associated Antibodies on Sperm Fertilizing Ability as Evaluated by the Sperm-Zona Pellucida Binding Test and by the TEST-Yolk Buffer Enhanced Sperm Penetration Assay. American Journal of Reproductive Immunology, 1997, 37, 267-274.	1.2	15
96	Relationship between acrosome reactions and hamster egg penetration after ionophore challenge in absence of teratozoospermia. Fertility and Sterility, 1995, 63, 1301-1305.	1.0	7
97	Relationship between acrosome reactions and hamster egg penetration after ionophore challenge in absence of teratozoospermia. Fertility and Sterility, 1995, 63, 1301-5.	1.0	2
98	Sperm-zona pellucida binding of human sperm is correlated with the immunocytochemical presence of proacrosin and acrosin in the sperm heads but not with the proteolytic activity of acrosin. Fertility and Sterility, 1994, 62, 1226-1233.	1.0	14
99	Effect of Ionophore Challenge on Hamster Egg Penetration and Acrosome Reaction of Antibody-coated Human Sperm. American Journal of Reproductive Immunology, 1993, 29, 56-61.	1.2	11
100	Failure of intrauterine insemination in male immunological infertility in cases in which all spermatozoa are antibody-coated. Fertility and Sterility, 1992, 58, 587-592.	1.0	49
101	Failure of intrauterine insemination in male immunological infertility in cases in which all spermatozoa are antibody-coated. Fertility and Sterility, 1992, 58, 587-92.	1.0	6
102	Effect of Sperm-antibodies on Acrosome Reaction of Human Sperm Used for the Hamster Egg Penetration Assay. American Journal of Reproductive Immunology, 1991, 25, 77-80.	1.2	20
103	Effect of sperm morphology and motile sperm count on outcome of intrauterine insemination in oligozoospermia and/or asthenozoospermia. Fertility and Sterility, 1990, 53, 892-897.	1.0	77
104	Effect of sperm morphology and motile sperm count on outcome of intrauterine insemination in oligozoospermia and/or asthenozoospermia. Fertility and Sterility, 1990, 53, 892-7.	1.0	14
105	A Direct Immunofluorescence Test for the Detection of Sperm surface Bound Antibodies. Comparison with Sperm Agglutination Test, Indirect IF Test and Mar Test/Direkter Immunfluoreszenztest für die Bestimmung von Spermatozoen-Oberflächen-Antikörpern. Vergle. Andrologia, 1988, 20, 477-483.	2.1	7
106	Detection of Sperm Surface Related Antibodies by Indirect Immunofluorescence Test on Sperm Suspensions. Indirect I FT on Sperm Suspensions. Andrologia, 1987, 19, 69-75.	2.1	6
107	Quantitative Evaluation of Leydig Cells in Testicular Biopsies of men with Varicocele. Archives of Andrology, 1986, 16, 111-117.	1.0	7
108	Immunological Screening of a Male Population with Infertile Marriages. Andrologia, 1984, 16, 578-586.	2.1	6

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109	Acute Cadmium Intoxication: Influence of Cyproterone Acetate on the Testis and Epididymis of the Rat. Archives of Andrology, 1981, 6, 1-11.	1.0	2
110	Ultrastructural Changes in the Seminiferous Tubule Wall and Intertubular Blood Vessels in Human Cryptorchidism. Archives of Andrology, 1979, 2, 21-30.	1.0	23