

Rossella Cannarella

List of Publications by Citations

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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.

130
papers

1,140
citations

16
h-index

27
g-index

187
ext. papers

1,755
ext. citations

4
avg, IF

5.26
L-index

#	Paper	IF	Citations
130	Sex-Specific SARS-CoV-2 Mortality: Among Hormone-Modulated ACE2 Expression, Risk of Venous Thromboembolism and Hypovitaminosis D. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	141
129	Epidemiology and risk factors of lower urinary tract symptoms/benign prostatic hyperplasia and erectile dysfunction. <i>Aging Male</i> , 2019 , 22, 12-19	2.1	63
128	Androgen excess and metabolic disorders in women with PCOS: beyond the body mass index. <i>Journal of Endocrinological Investigation</i> , 2018 , 41, 383-388	5.2	40
127	Evaluation of Sperm Mitochondrial Function: A Key Organelle for Sperm Motility. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	40
126	New insights into the genetics of spermatogenic failure: a review of the literature. <i>Human Genetics</i> , 2019 , 138, 125-140	6.3	39
125	Effects of the insulin-like growth factor system on testicular differentiation and function: a review of the literature. <i>Andrology</i> , 2018 , 6, 3-9	4.2	38
124	Evaluation of testicular function in prepubertal children. <i>Endocrine</i> , 2018 , 62, 274-280	4	32
123	Effects of the selective estrogen receptor modulators for the treatment of male infertility: a systematic review and meta-analysis. <i>Expert Opinion on Pharmacotherapy</i> , 2019 , 20, 1517-1525	4	31
122	Current and emerging medical therapeutic agents for idiopathic male infertility. <i>Expert Opinion on Pharmacotherapy</i> , 2019 , 20, 55-67	4	31
121	Epigenetics of Male Fertility: Effects on Assisted Reproductive Techniques. <i>World Journal of Men's Health</i> , 2019 , 37, 148-156	6.8	27
120	Osteoporosis from an Endocrine Perspective: The Role of Hormonal Changes in the Elderly. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	23
119	Environment and Male Fertility: Effects of Benzo- E Pyrene and Resveratrol on Human Sperm Function In Vitro. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	21
118	Does a male polycystic ovarian syndrome equivalent exist?. <i>Journal of Endocrinological Investigation</i> , 2018 , 41, 49-57	5.2	21
117	Molecular Biology of Spermatogenesis: Novel Targets of Apparently Idiopathic Male Infertility. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	20
116	Chromosome 15 structural abnormalities: effect on gene expression and function. <i>Endocrine Connections</i> , 2017 , 6, 528-539	3.5	18
115	Erectile dysfunction, physical activity and physical exercise: Recommendations for clinical practice. <i>Andrologia</i> , 2019 , 51, e13264	2.4	15
114	Glycolipid and Hormonal Profiles in Young Men with Early-Onset Androgenetic Alopecia: A meta-analysis. <i>Scientific Reports</i> , 2017 , 7, 7801	4.9	15

113	Influence of 25-hydroxy-cholecalciferol levels on SARS-CoV-2 infection and COVID-19 severity: A systematic review and meta-analysis. <i>EClinicalMedicine</i> , 2021 , 37, 100967	11.3	14
112	FSH dosage effect on conventional sperm parameters: a meta-analysis of randomized controlled studies. <i>Asian Journal of Andrology</i> , 2020 , 22, 309-316	2.8	13
111	Seminal Plasma Proteomic Biomarkers of Oxidative Stress. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	13
110	Evidence for long noncoding RNA GAS5 up-regulation in patients with Klinefelter syndrome. <i>BMC Medical Genetics</i> , 2019 , 20, 4	2.1	13
109	Accuracy of the Low-Dose ACTH Stimulation Test for Adrenal Insufficiency Diagnosis: A Re-Assessment of the Cut-Off Value. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	12
108	Consequences on aging process and human wellness of generation of nitrogen and oxygen species during strenuous exercise. <i>Aging Male</i> , 2020 , 23, 14-22	2.1	12
107	Decreased miRNA expression in Klinefelter syndrome. <i>Scientific Reports</i> , 2017 , 7, 16672	4.9	11
106	The -29G/A FSH receptor gene polymorphism is associated with higher FSH and LH levels in normozoospermic men. <i>Journal of Assisted Reproduction and Genetics</i> , 2017 , 34, 1289-1294	3.4	10
105	D-Chiro-Inositol Improves Sperm Mitochondrial Membrane Potential: In Vitro Evidence. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	10
104	Effects of Bisphenols on Testicular Steroidogenesis. <i>Frontiers in Endocrinology</i> , 2020 , 11, 373	5.7	10
103	Male hypogonadism: therapeutic choices and pharmacological management. <i>Minerva Endocrinologica</i> , 2020 , 45, 189-203	1.9	10
102	FSH therapy for idiopathic male infertility: four schemes are better than one. <i>Aging Male</i> , 2020 , 23, 750-755		10
101	Effects of GH and IGF1 on Basal and FSH-Modulated Porcine Sertoli Cells In-Vitro. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	9
100	Treatment of lower urinary tract symptoms/benign prostatic hyperplasia and erectile dysfunction. <i>Aging Male</i> , 2018 , 21, 272-280	2.1	9
99	The Role of Resveratrol Administration in Human Obesity. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	9
98	Next-generation sequencing: toward an increase in the diagnostic yield in patients with apparently idiopathic spermatogenic failure. <i>Asian Journal of Andrology</i> , 2021 , 23, 24-29	2.8	9
97	Endocrinology of the Aging Prostate: Current Concepts. <i>Frontiers in Endocrinology</i> , 2021 , 12, 554078	5.7	9
96	Sport, doping and female fertility. <i>Reproductive Biology and Endocrinology</i> , 2018 , 16, 108	5	9

95	Decreased total sperm counts in habitants of highly polluted areas of Eastern Sicily, Italy. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 31368-31373	5.1	8
94	Hypogonadism and Sexual Dysfunction in Testicular Tumor Survivors: A Systematic Review. <i>Frontiers in Endocrinology</i> , 2019 , 10, 264	5.7	8
93	The IGF1 Receptor Is Involved in Follicle-Stimulating Hormone Signaling in Porcine Neonatal Sertoli Cells. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	8
92	Increased DHEAS and Decreased Total Testosterone Serum Levels in a Subset of Men with Early-Onset Androgenetic Alopecia: Does a Male PCOS-Equivalent Exist?. <i>International Journal of Endocrinology</i> , 2020 , 2020, 1942126	2.7	8
91	Lower urinary tract symptoms/benign prostatic hyperplasia and erectile dysfunction: from physiology to clinical aspects. <i>Aging Male</i> , 2018 , 21, 261-271	2.1	8
90	Seminal Plasma Transcriptome and Proteome: Towards a Molecular Approach in the Diagnosis of Idiopathic Male Infertility. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	8
89	Mitochondrial Membrane Potential Predicts 4-Hour Sperm Motility. <i>Biomedicines</i> , 2020 , 8,	4.8	8
88	The Burden of Hormonal Disorders: A Worldwide Overview With a Particular Look in Italy. <i>Frontiers in Endocrinology</i> , 2021 , 12, 694325	5.7	8
87	Pharmacological treatment of lower urinary tract symptoms in benign prostatic hyperplasia: consequences on sexual function and possible endocrine effects. <i>Expert Opinion on Pharmacotherapy</i> , 2021 , 22, 179-189	4	8
86	Thyroid Hormones and Spermatozoa: In Vitro Effects on Sperm Mitochondria, Viability and DNA Integrity. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	7
85	Effectiveness of a Very Low Calorie Ketogenic Diet on Testicular Function in Overweight/Obese Men. <i>Nutrients</i> , 2020 , 12,	6.7	7
84	Coenzyme Q10, oxidative stress, and male infertility: A review. <i>Clinical and Experimental Reproductive Medicine</i> , 2021 , 48, 97-104	2.2	7
83	Next Generation Sequencing expression profiling of mitochondrial subunits in men with Klinefelter syndrome. <i>International Journal of Medical Sciences</i> , 2018 , 15, 31-35	3.7	7
82	Management and Treatment of Varicocele in Children and Adolescents: An Endocrinologic Perspective. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	6
81	FSH treatment for normogonadotropic male infertility: a synergistic role for metformin?. <i>European Review for Medical and Pharmacological Sciences</i> , 2019 , 23, 5994-5998	2.9	6
80	Non-hormonal treatment for male infertility: the potential role of <i>Serenoa repens</i> , selenium and lycopene. <i>European Review for Medical and Pharmacological Sciences</i> , 2019 , 23, 3112-3120	2.9	6
79	and mRNAs Are Detectable in Human Spermatozoa. <i>World Journal of Men's Health</i> , 2020 , 38, 545-551	6.8	6
78	SARS-CoV-2: the endocrinological protective clinical model derived from patients with prostate cancer. <i>Therapeutic Advances in Endocrinology and Metabolism</i> , 2020 , 11, 2042018820942385	4.5	6

77	Relevance of sperm imprinted gene methylation on assisted reproductive technique outcomes and pregnancy loss: a systematic review. <i>Systems Biology in Reproductive Medicine</i> , 2021 , 67, 251-259	2.9	6
76	The ketogenic diet corrects metabolic hypogonadism and preserves pancreatic β cell function in overweight/obese men: a single-arm uncontrolled study. <i>Endocrine</i> , 2021 , 72, 392-399	4	6
75	Practical Clinical and Diagnostic Pathway for the Investigation of the Infertile Couple. <i>Frontiers in Endocrinology</i> , 2020 , 11, 591837	5.7	6
74	High rate of detection of ultrasound signs of prostatitis in patients with HPV-DNA persistence on semen: role of ultrasound in HPV-related male accessory gland infection. <i>Journal of Endocrinological Investigation</i> , 2019 , 42, 1459-1465	5.2	5
73	Reduced Seminal Concentration of CD45pos Cells after Follicle-Stimulating Hormone Treatment in Selected Patients with Idiopathic Oligoasthenoteratozoospermia. <i>International Journal of Endocrinology</i> , 2014 , 2014, 372060	2.7	5
72	Molecular Mechanisms Underlying the Relationship between Obesity and Male Infertility.. <i>Metabolites</i> , 2021 , 11,	5.6	5
71	Evidence-based treatment of atopic dermatitis with topical moisturizers. <i>Italian Journal of Dermatology and Venereology</i> , 2018 , 153, 396-402	1.2	5
70	The Role of Resveratrol in Human Male Fertility. <i>Molecules</i> , 2021 , 26,	4.8	5
69	Effects of Insulin on Porcine Neonatal Sertoli Cell Responsiveness to FSH In Vitro. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	4
68	Early Identification of Isolated Sertoli Cell Dysfunction in Prepubertal and Transition Age: Is It Time?. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	4
67	Effects of oral contraceptives on thyroid function and vice versa. <i>Journal of Endocrinological Investigation</i> , 2020 , 43, 1181-1188	5.2	4
66	Non-syndromic monogenic male infertility. <i>Acta Biomedica</i> , 2019 , 90, 62-67	3.2	4
65	Clinical Evaluation of a Custom Gene Panel as a Tool for Precision Male Infertility Diagnosis by Next-Generation Sequencing. <i>Life</i> , 2020 , 10,	3	4
64	Poly (ADP-ribose) polymerase 1 and Parkinson's disease: A study in post-mortem human brain. <i>Neurochemistry International</i> , 2021 , 144, 104978	4.4	4
63	Is there a role for glucagon-like peptide-1 receptor agonists in the treatment of male infertility?. <i>Andrology</i> , 2021 , 9, 1499-1503	4.2	4
62	Anti-Müllerian Hormone, Growth Hormone, and Insulin-Like Growth Factor 1 Modulate the Migratory and Secretory Patterns of GnRH Neurons. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
61	Differences in Penile Hemodynamic Profiles in Patients with Erectile Dysfunction and Anxiety. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	4
60	Is There a Role for Levo-Thyroxine for the Treatment of Arterial Erectile Dysfunction? The Clinical Relevance of the Mean Platelet Volume. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	3

59	Assessment of sexual and emotional distress in infertile couple: validation of a new specific psychometric tool. <i>Journal of Endocrinological Investigation</i> , 2020 , 43, 1729-1737	5.2	3
58	Commentary: Molecular Mechanisms of Action of FSH. <i>Frontiers in Endocrinology</i> , 2019 , 10, 593	5.7	3
57	Antisperm Antibody Testing: A Comprehensive Review of Its Role in the Management of Immunological Male Infertility and Results of a Global Survey of Clinical Practices.. <i>World Journal of Men's Health</i> , 2022 ,	6.8	3
56	Thyroid hemiagenesis associated with multinodular goiter and Hashimoto's thyroiditis. <i>Giornale Di Chirurgia</i> , 2017 , 38, 291-294	2.2	3
55	Bio-Functional Sperm Parameters: Does Age Matter?. <i>Frontiers in Endocrinology</i> , 2020 , 11, 558374	5.7	3
54	Ultrasound evaluation of patients with male accessory gland inflammation: a pictorial review. <i>Andrology</i> , 2021 , 9, 1298-1305	4.2	3
53	Urogenital infections in patients with diabetes mellitus: Beyond the conventional aspects. <i>International Journal of Immunopathology and Pharmacology</i> , 2019 , 33, 2058738419866582	3	3
52	Urogenital dysfunction in male patients with Charcot-Marie-Tooth: a systematic review. <i>Aging Male</i> , 2020 , 23, 377-381	2.1	3
51	Temporal Trend of Conventional Sperm Parameters in a Sicilian Population in the Decade 2011-2020. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	3
50	Role of the GH-IGF1 axis on the hypothalamus-pituitary-testicular axis function: lessons from Laron syndrome. <i>Endocrine Connections</i> , 2021 , 10, 1006-1017	3.5	3
49	Combined Effects of the 2039 A/G and -29 G/A Polymorphisms on Male Reproductive Parameters. <i>World Journal of Men's Health</i> , 2021 , 39, 516-525	6.8	3
48	Testosterone levels after treatment with urofollitropin in infertile patients with idiopathic mild reduction of testicular volume. <i>Endocrine</i> , 2019 , 66, 381-385	4	2
47	Sexual Dysfunction in Diabetic Women: An Update on Current Knowledge. <i>International Journal of Diabetology</i> , 2020 , 1, 11-21	1	2
46	Systemic effects of the hormonal treatment of male hypogonadism with preliminary indications for the management of COVID-19 patients. <i>Therapeutic Advances in Endocrinology and Metabolism</i> , 2020 , 11, 2042018820966438	4.5	2
45	Sperm Vitality and Necrozoospermia: Diagnosis, Management, and Results of a Global Survey of Clinical Practice. <i>World Journal of Men's Health</i> , 2021 ,	6.8	2
44	Ultrastructural Sperm Flagellum Defects in a Patient With Compound Heterozygous Mutations and Primary Ciliary Dyskinesia/. <i>Frontiers in Genetics</i> , 2020 , 11, 974	4.5	2
43	Long non-coding RNA GAS5 expression in patients with Down syndrome. <i>International Journal of Medical Sciences</i> , 2020 , 17, 1315-1319	3.7	2
42	The 2039 A/G FSH receptor gene polymorphism influences glucose metabolism in healthy men. <i>Endocrine</i> , 2020 , 70, 629-634	4	2

41	Mean Platelet Volume as a Marker of Vasculogenic Erectile Dysfunction and Future Cardiovascular Risk. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	2
40	Evaluation of seminal fluid leukocyte subpopulations in patients with varicocele. <i>International Journal of Immunopathology and Pharmacology</i> , 2020 , 34, 2058738420925719	3	2
39	Male Infertility Diagnosis: Improvement of Genetic Analysis Performance by the Introduction of Pre-Diagnostic Genes in a Next-Generation Sequencing Custom-Made Panel. <i>Frontiers in Endocrinology</i> , 2020 , 11, 605237	5.7	2
38	The advantages of proteomic investigation in the management of male accessory gland infection: A response to Grande et al. <i>American Journal of Reproductive Immunology</i> , 2018 , 80, e13063	3.8	2
37	Role of long non-coding RNAs in Down syndrome patients: a transcriptome analysis study. <i>Human Cell</i> , 2021 , 34, 1662-1670	4.5	2
36	Poor Efficacy of L-Acetylcarnitine in the Treatment of Asthenozoospermia in Patients with Type 1 Diabetes. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	1
35	Management of male accessory gland inflammations: A response to Haidl et al. <i>Andrologia</i> , 2019 , 51, e13261	2.4	1
34	Follicle-Stimulating Hormone Treatment and Male Idiopathic Infertility: Effects on Sperm Parameters and Oxidative Stress Indices according to c. 2039 A/G and c. -29 G/A Genotypes. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	1
33	Male polycystic ovary syndrome equivalent: A response to Di Guardo et al. <i>Medical Hypotheses</i> , 2020 , 137, 109601	3.8	1
32	Terapia medica dell'infertilit� maschile. <i>L'Endocrinologo</i> , 2020 , 21, 11-18	0	1
31	Anejaculation in a patient with Charcot-Marie-Tooth. <i>Asian Journal of Andrology</i> , 2018 , 20, 529-530	2.8	1
30	A study of gene expression by RNA-seq in patients with prostate cancer and in patients with Parkinson disease: an example of inverse comorbidity. <i>Molecular Biology Reports</i> , 2021 , 48, 7627-7631	2.8	1
29	Obstructive Sleep Apnea and Testosterone Replacement Therapy. <i>Androgens: Clinical Research and Therapeutics</i> , 2020 , 1, 10-14	0.7	1
28	Effects of dutasteride on sex hormones and cerebrospinal steroids in patients treated for benign prostatic hyperplasia. <i>Endocrine</i> , 2021 , 73, 712-718	4	1
27	Testicular Growth and Pubertal Onset in GH-Deficient Children Treated With Growth Hormone: A Retrospective Study. <i>Frontiers in Endocrinology</i> , 2021 , 12, 619895	5.7	1
26	Ultrasound aspects of symptomatic versus asymptomatic forms of male accessory gland inflammation. <i>Andrology</i> , 2021 , 9, 1422-1428	4.2	1
25	CCR3 gene overexpression in patients with Down syndrome. <i>Molecular Biology Reports</i> , 2021 , 48, 5335-5338	3.8	1
24	Leukocytospermia in late adolescents: possible clinical interpretations. <i>Journal of Endocrinological Investigation</i> , 2021 , 44, 1525-1531	5.2	1

23	Effects of Selenium Supplementation on Sperm Parameters and DNA-Fragmentation Rate in Patients with Chronic Autoimmune Thyroiditis. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	1
22	Advances in non-hormonal pharmacotherapy for the treatment of male infertility: the role of inositols.. <i>Expert Opinion on Pharmacotherapy</i> , 2022 ,	4	1
21	Impact of seminal low-risk human papillomavirus infection on sperm parameters of adult men.. <i>Aging Male</i> , 2022 , 25, 17-22	2.1	0
20	Novel Insights on the Role of the Human Sperm Proteome. <i>Protein and Peptide Letters</i> , 2020 , 27, 1181-1185	1.9	0
19	TSH lowering effects of metformin: a possible mechanism of action. <i>Journal of Endocrinological Investigation</i> , 2021 , 44, 1547-1550	5.2	0
18	Erectile Dysfunction in Diabetic Patients: From Etiology to Management. <i>International Journal of Diabetology</i> , 2021 , 2, 157-164	1	0
17	Oncological and functional outcomes of testis sparing surgery in small testicular mass: a systematic review. <i>Minerva Urology and Nephrology</i> , 2021 , 73, 431-441	2.3	0
16	Very-low-calorie ketogenic diet: An alternative to a pharmacological approach to improve glycometabolic and gonadal profile in men with obesity. <i>Current Opinion in Pharmacology</i> , 2021 , 60, 72-82	5.1	0
15	Primary anetoderma in a woman after ovarian stimulations for in vitro fertilization program. <i>JAAD Case Reports</i> , 2019 , 5, 466-467	1.4	
14	Resolution of primary hyperparathyroidism following surgical removal of cervical thymus. <i>Case Reports in Internal Medicine</i> , 2016 , 4, 5	0	
13	Contraccezione ormonale e funzione tiroidea. <i>L Endocrinologo</i> , 2020 , 21, 470-474	0	
12	Sindrome metabolica e funzione testicolare nella tarda adolescenza. <i>L Endocrinologo</i> , 2020 , 21, 404-405	0	
11	Does follicle stimulating hormone really prevent male hypogonadism in infertile patients?. <i>Aging Male</i> , 2020 , 23, 1440-1441	2.1	
10	Valutazione della funzione testicolare in et� pediatrica e prepuberale. <i>L Endocrinologo</i> , 2018 , 19, 136-141	0	
9	Complete Androgen Insensitivity Syndrome: From the Relevance of an Accurate Genetic Diagnosis to the Challenge of Clinical Management. A Case Report. <i>Medicina (Lithuania)</i> , 2021 , 57,	3.1	
8	Antioxidants in the Medical and Surgical Management of Male Infertility 2020 , 805-816		
7	Clinical Management and Treatment of Varicocele in the Adolescence. <i>Trends in Andrology and Sexual Medicine</i> , 2021 , 115-126	0.5	
6	Cerebellar degeneration-related protein 1 expression in fibroblasts of patients affected by down syndrome 2020 , 13, 548-555		

- 5 Prevenzione primaria dell'infertilità maschile nella pratica clinica. *L'Endocrinologo*, **2020**, 21, 3-6 0
- 4 Ruolo del volume piastrinico medio nella disfunzione erettile a patogenesi arteriosa. *L'Endocrinologo*, **2021**, 22, 98-102 0
- 3 gene downregulation in peripheral blood mononuclear cells of patients with Klinefelter syndrome. *Asian Journal of Andrology*, **2021**, 23, 157-162 2.8
- 2 Relationship between Varicocele and Male Hypogonadism: A Review with Meta-Analysis. *Endocrines*, **2022**, 3, 100-106 0.8
- 1 Pediatric leiomyoma of the glans: a case report. *European Review for Medical and Pharmacological Sciences*, **2021**, 25, 6619-6622 2.9