

Sara Marchiani

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

2,267
citations

185998

28
h-index

223531

46
g-index

67
all docs

67
docs citations

67
times ranked

2524
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Consequences of Anabolic-Androgenic Steroid Abuse in Males; Sexual and Reproductive Perspective. World Journal of Men's Health, 2022, 40, 165. | 1.7 | 15 |
| 2 | Safety issues in semen banks during the COVID-19 pandemic: data from a European survey. Journal of Endocrinological Investigation, 2022, 45, 973. | 1.8 | 3 |
| 3 | Testosterone positively regulates vagina NO-induced relaxation: an experimental study in rats. Journal of Endocrinological Investigation, 2022, 45, 1161-1172. | 1.8 | 7 |
| 4 | Male reproductive system inflammation after healing from coronavirus disease 2019. Andrology, 2022, 10, 1030-1037. | 1.9 | 13 |
| 5 | Main Effects of In Vitro Manipulation of Human Spermatozoa. , 2021, , 263-272. | | 2 |
| 6 | Metabolic Syndrome and Reproduction. International Journal of Molecular Sciences, 2021, 22, 1988. | 1.8 | 20 |
| 7 | Semen impairment and occurrence of SARS-CoV-2 virus in semen after recovery from COVID-19. Human Reproduction, 2021, 36, 1520-1529. | 0.4 | 150 |
| 8 | SHBG as a Marker of NAFLD and Metabolic Impairments in Women Referred for Oligomenorrhea and/or Hirsutism and in Women With Sexual Dysfunction. Frontiers in Endocrinology, 2021, 12, 641446. | 1.5 | 14 |
| 9 | Chromatin Condensation: Chromomycin A3 (CMA3) Stain. , 2021, , 151-155. | | 0 |
| 10 | Reply: COVID-19: semen impairment may not be related to the virus. Human Reproduction, 2021, 36, 2065-2066. | 0.4 | 2 |
| 11 | Cardiometabolic risk is unraveled by color Doppler ultrasound of the clitoral and uterine arteries in women consulting for sexual symptoms. Scientific Reports, 2021, 11, 18899. | 1.6 | 9 |
| 12 | Effects of common Gram-negative pathogens causing male genitourinary-tract infections on human sperm functions. Scientific Reports, 2021, 11, 19177. | 1.6 | 8 |
| 13 | Progesterone, spermatozoa and reproduction: An updated review. Molecular and Cellular Endocrinology, 2020, 516, 110952. | 1.6 | 25 |
| 14 | LH supplementation of ovarian stimulation protocols influences follicular fluid steroid composition contributing to the improvement of ovarian response in poor responder women. Scientific Reports, 2020, 10, 12907. | 1.6 | 16 |
| 15 | Adverse effects of in vitro manipulation of spermatozoa. Animal Reproduction Science, 2020, 220, 106314. | 0.5 | 15 |
| 16 | Spermatozoal Chromatin Structure: Role in Sperm Functions and Fertilization. , 2020, , 39-55. | | 3 |
| 17 | Sperm DNA Fragmentation: Mechanisms of Origin. Advances in Experimental Medicine and Biology, 2019, 1166, 75-85. | 0.8 | 51 |
| 18 | Acute effects on human sperm exposed in vitro to cadmium chloride and diisobutyl phthalate. Reproduction, 2019, 158, 281-290. | 1.1 | 23 |

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|----|--|-----|-----------|
| 19 | Sperm DNA fragmentation in cryopreserved samples from subjects with different cancers. <i>Reproduction, Fertility and Development</i> , 2017, 29, 637. | 0.1 | 13 |
| 20 | Epididymal Sperm Transport and Fertilization. <i>Endocrinology</i> , 2017, , 457-478. | 0.1 | 2 |
| 21 | Chromatin Protamination and Catsper Expression in Spermatozoa Predict Clinical Outcomes after Assisted Reproduction Programs. <i>Scientific Reports</i> , 2017, 7, 15122. | 1.6 | 24 |
| 22 | DNA fragmentation in two cytometric sperm populations: relationship with clinical and ultrasound characteristics of the male genital tract. <i>Asian Journal of Andrology</i> , 2017, 19, 272. | 0.8 | 20 |
| 23 | Epididymal Sperm Transport and Fertilization. <i>Endocrinology</i> , 2017, , 1-22. | 0.1 | 1 |
| 24 | Variation of DNA Fragmentation Levels During Density Gradient Sperm Selection for Assisted Reproduction Techniques. <i>Medicine (United States)</i> , 2016, 95, e3624. | 0.4 | 68 |
| 25 | Are biomarkers evaluated in biopsy specimens predictive of prostate cancer aggressiveness?. <i>Journal of Cancer Research and Clinical Oncology</i> , 2016, 142, 201-212. | 1.2 | 13 |
| 26 | New insights in sperm biology: How benchside results in the search for molecular markers may help understand male infertility. <i>World Journal of Translational Medicine</i> , 2016, 5, 26. | 3.5 | 0 |
| 27 | Investigation on the Origin of Sperm DNA Fragmentation: Role of Apoptosis, Immaturity and Oxidative Stress. <i>Molecular Medicine</i> , 2015, 21, 109-122. | 1.9 | 202 |
| 28 | Quantification of CatSper1 expression in human spermatozoa and relation to functional parameters. <i>Human Reproduction</i> , 2015, 30, 1532-1544. | 0.4 | 36 |
| 29 | DNA fragmentation in brighter sperm predicts male fertility independently from age and semen parameters. <i>Fertility and Sterility</i> , 2015, 104, 582-590.e4. | 0.5 | 49 |
| 30 | Metabolic syndrome-associated sperm alterations in an experimental rabbit model: Relation with metabolic profile, testis and epididymis gene expression and effect of tamoxifen treatment. <i>Molecular and Cellular Endocrinology</i> , 2015, 401, 12-24. | 1.6 | 34 |
| 31 | Characterization and sorting of flow cytometric populations in human semen. <i>Andrology</i> , 2014, 2, 394-401. | 1.9 | 25 |
| 32 | SUMO1 in human sperm: new targets, role in motility and morphology and relationship with DNA damage. <i>Reproduction</i> , 2014, 148, 453-467. | 1.1 | 25 |
| 33 | The CatSper calcium channel in human sperm: relation with motility and involvement in progesterone-induced acrosome reaction. <i>Human Reproduction</i> , 2014, 29, 418-428. | 0.4 | 108 |
| 34 | Development of a specific method to evaluate 8-hydroxy,2-deoxyguanosine in sperm nuclei: relationship with semen quality in a cohort of 94 subjects. <i>Reproduction</i> , 2013, 145, 227-235. | 1.1 | 49 |
| 35 | Mechanisms and clinical correlates of sperm DNA damage. <i>Asian Journal of Andrology</i> , 2012, 14, 24-31. | 0.8 | 115 |
| 36 | Semen apoptotic M540 body levels correlate with testis abnormalities: a study in a cohort of infertile subjects. <i>Human Reproduction</i> , 2012, 27, 3393-3402. | 0.4 | 29 |

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|----|---|-----|-----------|
| 37 | Androgen receptor (AR) expression in prostate cancer and progression of the tumor: Lessons from cell lines, animal models and human specimens. <i>Steroids</i> , 2012, 77, 996-1001. | 0.8 | 30 |
| 38 | Sperm DNA fragmentation induced by cryopreservation: new insights and effect of a natural extract from <i>Opuntia ficus-indica</i> . <i>Fertility and Sterility</i> , 2012, 98, 326-333. | 0.5 | 53 |
| 39 | Sumo1-ylation of human spermatozoa and its relationship with semen quality. <i>Journal of Developmental and Physical Disabilities</i> , 2011, 34, 581-593. | 3.6 | 34 |
| 40 | Markers of human sperm functions in the ICSI era. <i>Frontiers in Bioscience - Landmark</i> , 2011, 16, 1344. | 3.0 | 19 |
| 41 | Androgen-responsive and -unresponsive prostate cancer cell lines respond differently to stimuli inducing neuroendocrine differentiation. <i>Journal of Developmental and Physical Disabilities</i> , 2010, 33, 784-793. | 3.6 | 50 |
| 42 | Small Variations in Crucial Steps of TUNEL Assay Coupled to Flow Cytometry Greatly Affect Measures of Sperm DNA Fragmentation. <i>Journal of Andrology</i> , 2010, 31, 336-345. | 2.0 | 50 |
| 43 | Critical Aspects of Detection of Sperm DNA Fragmentation by Tunel/Flow Cytometry. <i>Systems Biology in Reproductive Medicine</i> , 2010, 56, 277-285. | 1.0 | 24 |
| 44 | Molecular markers of human sperm functions. <i>Journal of Developmental and Physical Disabilities</i> , 2009, 32, 25-45. | 3.6 | 39 |
| 45 | Nongenomic activation of spermatozoa by steroid hormones: Facts and fictions. <i>Molecular and Cellular Endocrinology</i> , 2009, 308, 39-46. | 1.6 | 142 |
| 46 | Nuclear staining identifies two populations of human sperm with different DNA fragmentation extent and relationship with semen parameters. <i>Human Reproduction</i> , 2008, 23, 1035-1043. | 0.4 | 65 |
| 47 | Rosiglitazone Inhibits Adrenocortical Cancer Cell Proliferation by Interfering with the IGF-IR Intracellular Signaling. <i>PPAR Research</i> , 2008, 2008, 1-11. | 1.1 | 47 |
| 48 | Characterization of M540 bodies in human semen: evidence that they are apoptotic bodies. <i>Molecular Human Reproduction</i> , 2007, 13, 621-631. | 1.3 | 61 |
| 49 | Biological meaning of ubiquitination and DNA fragmentation in human spermatozoa. <i>Society of Reproduction and Fertility Supplement</i> , 2007, 63, 153-8. | 0.2 | 6 |
| 50 | M540 bodies and their impact on flow cytometric analyses of human spermatozoa. <i>Society of Reproduction and Fertility Supplement</i> , 2007, 65, 509-14. | 0.2 | 3 |
| 51 | Origin and biological significance of DNA fragmentation in human spermatozoa. <i>Frontiers in Bioscience - Landmark</i> , 2006, 11, 1491. | 3.0 | 54 |
| 52 | The androgen receptor and prostate cancer invasion. <i>Molecular and Cellular Endocrinology</i> , 2006, 246, 157-162. | 1.6 | 14 |
| 53 | Non-genomic effects of the androgen receptor and Vitamin D agonist are involved in suppressing invasive phenotype of prostate cancer cells. <i>Steroids</i> , 2006, 71, 304-309. | 0.8 | 21 |
| 54 | The vitamin D analogue BXL-628 inhibits growth factor-stimulated proliferation and invasion of DU145 prostate cancer cells. <i>Journal of Cancer Research and Clinical Oncology</i> , 2006, 132, 408-416. | 1.2 | 33 |

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|----|---|-----|-----------|
| 55 | Tyrosine Phosphorylation of the A Kinase Anchoring Protein 3 (AKAP3) and Soluble Adenylate Cyclase Are Involved in the Increase of Human Sperm Motility by Bicarbonate ¹ . <i>Biology of Reproduction</i> , 2005, 72, 22-32. | 1.2 | 98 |
| 56 | Sperm ubiquitination positively correlates to normal morphology in human semen. <i>Human Reproduction</i> , 2005, 20, 1035-1043. | 0.4 | 50 |
| 57 | Signaling Mechanisms That Mediate Invasion in Prostate Cancer Cells. <i>Annals of the New York Academy of Sciences</i> , 2004, 1028, 283-288. | 1.8 | 16 |
| 58 | Gefitinib (?IRESSA?, ZD1839) inhibits EGF-induced invasion in prostate cancer cells by suppressing PI3 β /AKT activation. <i>Journal of Cancer Research and Clinical Oncology</i> , 2004, 130, 604-14. | 1.2 | 46 |
| 59 | Annexin V Binding and Merocyanine Staining Fail to Detect Human Sperm Capacitation. <i>Journal of Andrology</i> , 2004, 25, 797-810. | 2.0 | 81 |
| 60 | Sperm DNA fragmentation as assessed by TUNEL/PI: mean values in fertile men and intra individual variability. <i>Endocrine Abstracts</i> , 0, , . | 0.0 | 0 |
| 61 | CATSPER calcium channels in human spermatozoa and their role in responsiveness to progesterone (P). <i>Endocrine Abstracts</i> , 0, , . | 0.0 | 0 |
| 62 | Characterization of sumoylated proteins in human sperm. <i>Endocrine Abstracts</i> , 0, , . | 0.0 | 0 |