# Klaus Steger

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3402946/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 46 papers | 2,340 citations | 257450 24 h-index | 223800 46 g-index |
| 50 all docs | 50 docs citations | 50 times ranked | 2254 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Effects of Pulsedâ€Wave Photobiomodulation Therapy on Human Spermatozoa. Lasers in Surgery and Medicine, 2022, 54, 540-553. | 2.1 | 6 |
| 2 | Loss of Prm1 leads to defective chromatin protamination, impaired PRM2 processing, reduced sperm motility and subfertility in male mice. Development (Cambridge), 2022, 149, . | 2.5 | 15 |
| 3 | Effect of Khat (Catha edulisForsk) extract on testicular maturation in preâ€pubertal and pubertal rats: A morphological and biochemical study. Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia, 2021, 50, 271-283. | 0.7 | 3 |
| 4 | Chronic Prostatitis/Chronic Pelvic Pain Syndrome Leads to Impaired Semen Parameters, Increased Sperm DNA Fragmentation and Unfavorable Changes of Sperm Protamine mRNA Ratio. International Journal of Molecular Sciences, 2021, 22, 7854. | 4.1 | 9 |
| 5 | The Role of the LINC Complex in Sperm Development and Function. International Journal of Molecular Sciences, 2020, 21, 9058. | 4.1 | 16 |
| 6 | Comparison of ART outcomes in men with altered mRNA protamine 1/protamine 2 ratio undergoing intracytoplasmic sperm injection with ejaculated and testicular spermatozoa. Asian Journal of Andrology, 2020, 22, 623. | 1.6 | 8 |
| 7 | Andrologie in der interdisziplinÃren Reproduktionsmedizin. Springer Reference Medizin, 2020, , 443-489. | 0.0 | 4 |
| 8 | Andrologie in der interdisziplinÃren Reproduktionsmedizin. Springer Reference Medizin, 2019, , 1-47. | 0.0 | 4 |
| 9 | New monoclonal antibodies specific for mammalian protamines P1 and P2. Systems Biology in Reproductive Medicine, 2018, 64, 424-447. | 2.1 | 6 |
| 10 | Sperm nuclear protamines: A checkpoint to control sperm chromatin quality. Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia, 2018, 47, 273-279. | 0.7 | 36 |
| 11 | Unexplained recurrent miscarriages are associated with an aberrant sperm protamine mRNA content. Human Reproduction, 2017, 32, 1574-1582. | 0.9 | 29 |
| 12 | Impairment of IGF2 gene expression in prostate cancer is triggered by epigenetic dysregulation of IGF2-DMR0 and its interaction with KLF4. Cell Communication and Signaling, 2017, 15, 40. | 6.5 | 17 |
| 13 | The impact of autophagy in spermiogenesis. Asian Journal of Andrology, 2017, 19, 617. | 1.6 | 16 |
| 14 | TET enzymes are successively expressed during human spermatogenesis and their expression level is pivotal for male fertility. Human Reproduction, 2016, 31, 1411-1424. | 0.9 | 38 |
| 15 | Epigenetics in male reproduction: effect of paternal diet on sperm quality and offspring health. Nature Reviews Urology, 2016, 13, 584-595. | 3.8 | 204 |
| 16 | Re-visiting the Protamine-2 locus: deletion, but not haploinsufficiency, renders male mice infertile. Scientific Reports, 2016, 6, 36764. | 3.3 | 48 |
| 17 | Developmental origins of male subfertility: role of infection, inflammation, and environmental factors. Seminars in Immunopathology, 2016, 38, 765-781. | 6.1 | 30 |
| 18 | PTPIP51â€”A New RelA-tionship with the NFÎºB Signaling Pathway. Biomolecules, 2015, 5, 485-504. | 4.0 | 10 |

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|---|---|---|---|
| 19 | Expression of sperm-specific protamines impairs bacterial and eukaryotic cell proliferation. Histochemistry and Cell Biology, 2015, 143, 599-609. | 1.7 | 6 |
| 20 | Expression and Role of Leptin under Hypoxic Conditions in Human Testis: Organotypic In Vitro Culture Experiment and Clinical Study on Patients with Varicocele. Journal of Urology, 2015, 193, 360-367. | 0.4 | 14 |
| 21 | Toxoplasma gondii Decreases the Reproductive Fitness in Mice. PLoS ONE, 2014, 9, e96770. | 2.5 | 39 |
| 22 | H3K79 methylation: a new conserved mark that accompanies H4 hyperacetylation prior to histone-to-protamine transition in Drosophila and rat. Biology Open, 2014, 3, 444-452. | 1.2 | 25 |
| 23 | Sperm Protamine mRNA Ratio and DNA Fragmentation Index Represent Reliable Clinical Biomarkers for Men with Varicocele after Microsurgical Varicocele Ligation. Journal of Urology, 2014, 192, 170-176. | 0.4 | 68 |
| 24 | Uniformity of Nucleosome Preservation Pattern in Mammalian Sperm and Its Connection to Repetitive DNA Elements. Developmental Cell, 2014, 30, 23-35. | 7.0 | 133 |
| 25 | The sperm protamine mRNA ratio as a clinical parameter to estimate the fertilizing potential of men taking part in an ART programme. Human Reproduction, 2013, 28, 969-978. | 0.9 | 66 |
| 26 | Analysing the sperm epigenome: roles in early embryogenesis and assisted reproduction. Nature Reviews Urology, 2012, 9, 609-619. | 3.8 | 73 |
| 27 | PTPIP51â€”a myeloid lineage specific protein interacts with PTP1B in neutrophil granulocytes. Blood Cells, Molecules, and Diseases, 2010, 45, 159-168. | 1.4 | 16 |
| 28 | Endonuclease-sensitive regions of human spermatozoal chromatin are highly enriched in promoter and CTCF binding sequences. Genome Research, 2009, 19, 1338-1349. | 5.5 | 271 |
| 29 | In Vivo Application of Histone Deacetylase Inhibitor Trichostatinâ€A Impairs Murine Male Meiosis. Journal of Andrology, 2008, 29, 172-185. | 2.0 | 38 |
| 30 | The common marmoset (Callithrix jacchus) as a model for histone and protamine expression during human spermatogenesis. Human Reproduction, 2008, 24, 536-545. | 0.9 | 20 |
| 31 | Both protamine-1 to protamine-2 mRNA ratio and Bcl2 mRNA content in testicular spermatids and ejaculated spermatozoa discriminate between fertile and infertile men. Human Reproduction, 2007, 23, 11-16. | 0.9 | 106 |
| 32 | Epigenetics in Male Germ Cells. Journal of Andrology, 2007, 28, 466-480. | 2.0 | 80 |
| 33 | DNMT1 and HDAC1 gene expression in impaired spermatogenesis and testicular cancer. Histochemistry and Cell Biology, 2007, 127, 175-181. | 1.7 | 67 |
| 34 | Functional Characterization of Male Germ Cell-Specific CREM Isoforms. Journal of Andrology, 2006, 28, 59-66. | 2.0 | 8 |
| 35 | Genetic imprinting during impaired spermatogenesis. Molecular Human Reproduction, 2006, 12, 407-411. | 2.8 | 80 |
| 36 | CREM activator and repressor isoform expression in human male germ cells. Journal of Developmental and Physical Disabilities, 2005, 28, 215-223. | 3.6 | 20 |

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|---|---|---|---|
| 37 | Cellular expression of protamine 1 and 2 transcripts in testicular spermatids from azoospermic men submitted to TESEâ€“ICSI. Molecular Human Reproduction, 2005, 11, 373-379. | 2.8 | 34 |
| 38 | Effect of Vasectomy on Sperm Nuclear Chromatin Condensation in the Rabbit. Journal of Andrology, 2005, 26, 289-295. | 2.0 | 6 |
| 39 | Expression of activator of CREM in the testis (ACT) during normal and impaired spermatogenesis: correlation with CREM expression. Molecular Human Reproduction, 2004, 10, 129-135. | 2.8 | 26 |
| 40 | In Vivo Effects of Histoneâ€Deacetylase Inhibitor Trichostatinâ€A on Murine Spermatogenesis. Journal of Andrology, 2004, 25, 811-818. | 2.0 | 103 |
| 41 | Different CREM-isoform gene expression between equine and human normal and impaired spermatogenesis. Theriogenology, 2003, 60, 1357-1369. | 2.1 | 15 |
| 42 | Decreased protamine-1 transcript levels in testes from infertile men. Molecular Human Reproduction, 2003, 9, 331-336. | 2.8 | 99 |
| 43 | Protamine-1 and -2 mRNA in round spermatids is associated with RNA-binding proteins. Histochemistry and Cell Biology, 2002, 117, 227-234. | 1.7 | 24 |
| 44 | Round spermatids from infertile men exhibit decreased protamine-1 and -2 mRNA. Human Reproduction, 2001, 16, 709-716. | 0.9 | 109 |
| 45 | Canine Relaxin-Like Factor: Unique Molecular Structure and Differential Expression Within Reproductive Tissues of the Dog. Biology of Reproduction, 2001, 64, 442-450. | 2.7 | 30 |
| 46 | Transcriptional and translational regulation of gene expression in haploid spermatids. Anatomy and Embryology, 1999, 199, 471-487. | 1.5 | 261 |