

# jessica sh Escoffier

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1517058/publications.pdf>

Version: 2024-02-01

32  
papers

2,009  
citations

304602

22  
h-index

395590

33  
g-index

36  
all docs

36  
docs citations

36  
times ranked

2281  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | When idiopathic male infertility is rooted in maternal malnutrition during the perinatal period in mice. <i>Biology of Reproduction</i> , 2022, 106, 463-476.   | 1.2 | 0         |
| 2  | Oligogenic heterozygous inheritance of sperm abnormalities in mouse. <i>ELife</i> , 2022, 11, .   | 2.8 | 12        |
| 3  | Identification, Characterization and Synthesis of Walterospermin, a Sperm Motility Activator from the Egyptian Black Snake <i>Walterinnesia aegyptia</i> Venom. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7786.                              | 1.8 | 5         |
| 4  | Pantoprazole, a proton pump inhibitor, impairs human sperm motility and capacitation in vitro. <i>Andrology</i> , 2020, 8, 1795-1804.   | 1.9 | 9         |
| 5  | Bi-allelic Mutations in ARMC2 Lead to Severe Astheno-Teratozoospermia Due to Sperm Flagellum Malformations in Humans and Mice. <i>American Journal of Human Genetics</i> , 2019, 104, 331-340.  | 2.6 | 113       |
| 6  | Creation of knock out and knock in mice by CRISPR/Cas9 to validate candidate genes for human male infertility, interest, difficulties and feasibility. <i>Molecular and Cellular Endocrinology</i> , 2018, 468, 70-80.  | 1.6 | 24        |
| 7  | <scp>PATL</scp> 2 is a key actor of oocyte maturation whose invalidation causes infertility in women and mice. <i>EMBO Molecular Medicine</i> , 2018, 10, .   | 3.3 | 53        |
| 8  | Mutations in CFAP43 and CFAP44 cause male infertility and flagellum defects in <i>Trypanosoma</i> and human. <i>Nature Communications</i> , 2018, 9, 686.   | 5.8 | 173       |
| 9  | Deciphering Cell Lineage Specification during Male Sex Determination with Single-Cell RNA Sequencing. <i>Cell Reports</i> , 2018, 22, 1589-1599.  | 2.9 | 126       |
| 10 | Slo3 K+ channel blocker clofilium extends bull and mouse sperm-fertilizing competence. <i>Reproduction</i> , 2018, 156, 463-476.  | 1.1 | 7         |
| 11 | <scp>SPINK</scp>2 deficiency causes infertility by inducing sperm defects in heterozygotes and azoospermia in homozygotes. <i>EMBO Molecular Medicine</i> , 2017, 9, 1132-1149.   | 3.3 | 95        |
| 12 | Testicular Dysgenesis Syndrome and Long-Lasting Epigenetic Silencing of Mouse Sperm Genes Involved in the Reproductive System after Prenatal Exposure to DEHP. <i>PLoS ONE</i> , 2017, 12, e0170441.  | 1.1 | 52        |
| 13 | MPC1-like Is a Placental Mammal-specific Mitochondrial Pyruvate Carrier Subunit Expressed in Postmeiotic Male Germ Cells. <i>Journal of Biological Chemistry</i> , 2016, 291, 16448-16461.  | 1.6 | 30        |
| 14 | Spermaurin, an La1-like peptide from the venom of the scorpion <i>Scorpio maurus palmatus</i> , improves sperm motility and fertilization in different mammalian species. <i>Molecular Human Reproduction</i> , 2016, 23, 116-131.                                | 1.3 | 18        |
| 15 | Progesterone-induced Acrosome Exocytosis Requires Sequential Involvement of Calcium-independent Phospholipase A2 <sup>1</sup> (iPLA2 <sup>1</sup> ) and Group X Secreted Phospholipase A2 (sPLA2). <i>Journal of Biological Chemistry</i> , 2016, 291, 3076-3089. | 1.6 | 25        |
| 16 | Homozygous mutation of PLCZ1 leads to defective human oocyte activation and infertility that is not rescued by the WW-binding protein PAWP. <i>Human Molecular Genetics</i> , 2016, 25, 878-891.  | 1.4 | 112       |
| 17 | Dynamics of Sun5 Localization during Spermatogenesis in Wild Type and Dpy19l2 Knock-Out Mice Indicates That Sun5 Is Not Involved in Acrosome Attachment to the Nuclear Envelope. <i>PLoS ONE</i> , 2015, 10, e0118698.  | 1.1 | 37        |
| 18 | Biphasic Role of Calcium in Mouse Sperm Capacitation Signaling Pathways. <i>Journal of Cellular Physiology</i> , 2015, 230, 1758-1769.  | 2.0 | 116       |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Flow Cytometry Analysis Reveals That Only a Subpopulation of Mouse Sperm Undergoes Hyperpolarization During Capacitation. <i>Biology of Reproduction</i> , 2015, 92, 121.  | 1.2 | 56        |
| 20 | Teratozoospermia: spotlight on the main genetic actors in the human. <i>Human Reproduction Update</i> , 2015, 21, 455-485.   | 5.2 | 255       |
| 21 | Dpy19l2-deficient globozoospermic sperm display altered genome packaging and DNA damage that compromises the initiation of embryo development. <i>Molecular Human Reproduction</i> , 2015, 21, 169-185.  | 1.3 | 61        |
| 22 | Subcellular localization of phospholipase C $\alpha$ 1 in human sperm and its absence in DPY19L2-deficient sperm are consistent with its role in oocyte activation. <i>Molecular Human Reproduction</i> , 2015, 21, 157-168.                                   | 1.3 | 83        |
| 23 | The effect of group X secreted phospholipase A2 on fertilization outcome is specific and not mimicked by other secreted phospholipases A2 or progesterone. <i>Biochimie</i> , 2014, 99, 88-95.   | 1.3 | 7         |
| 24 | Compartmentalization of Distinct cAMP Signaling Pathways in Mammalian Sperm. <i>Journal of Biological Chemistry</i> , 2013, 288, 35307-35320.  | 1.6 | 88        |
| 25 | Electrophysiological evidence for the presence of cystic fibrosis transmembrane conductance regulator (CFTR) in mouse sperm. <i>Journal of Cellular Physiology</i> , 2013, 228, 590-601.   | 2.0 | 25        |
| 26 | Ion Permeabilities in Mouse Sperm Reveal an External Trigger for SLO3-Dependent Hyperpolarization. <i>PLoS ONE</i> , 2013, 8, e60578.  | 1.1 | 53        |
| 27 | Flow cytometry analysis reveals a decrease in intracellular sodium during sperm capacitation. <i>Journal of Cell Science</i> , 2012, 125, 473-485.   | 1.2 | 62        |
| 28 | A Recurrent Deletion of DPY19L2 Causes Infertility in Man by Blocking Sperm Head Elongation and Acrosome Formation. <i>American Journal of Human Genetics</i> , 2011, 88, 351-361.   | 2.6 | 165       |
| 29 | Group X secreted phospholipase A <sub>2</sub> specifically decreases sperm motility in mice. <i>Journal of Cellular Physiology</i> , 2011, 226, 2601-2609.   | 2.0 | 15        |
| 30 | Snake venoms as a source of compounds modulating sperm physiology: Secreted phospholipases A2 from <i>Oxyuranus scutellatus scutellatus</i> impact sperm motility, acrosome reaction and in vitro fertilization in mice. <i>Biochimie</i> , 2010, 92, 826-836. | 1.3 | 16        |
| 31 | Group X phospholipase A2 is released during sperm acrosome reaction and controls fertility outcome in mice. <i>Journal of Clinical Investigation</i> , 2010, 120, 1415-1428.   | 3.9 | 65        |
| 32 | Expression, localization and functions in acrosome reaction and sperm motility of CaV3.1 and CaV3.2 channels in sperm cells: An evaluation from CaV3.1 and CaV3.2 deficient mice. <i>Journal of Cellular Physiology</i> , 2007, 212, 753-763.                  | 2.0 | 46        |