

# Sigrid Hoyer-Fender

## List of Publications by Year in descending order

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29  
papers

1,173  
citations

430874

18  
h-index

501196

28  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1146  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Hook1 gene is non-functional in the abnormal spermatozoon head shape (azh) mutant mouse. <i>Human Molecular Genetics</i> , 2002, 11, 1647-1658.	2.9	135
2	The Small Heat Shock Protein ODF1/HSPB10 Is Essential for Tight Linkage of Sperm Head to Tail and Male Fertility in Mice. <i>Molecular and Cellular Biology</i> , 2012, 32, 216-225.	2.3	119
3	Identification and Characterization of New cDNAs Encoding Outer Dense Fiber Proteins of Rat Sperm. <i>Journal of Biological Chemistry</i> , 1997, 272, 10327-10332.	3.4	101
4	Histone MacroH2A1.2 Is Concentrated in the XY-Body by the Early Pachytene Stage of Spermatogenesis. <i>Experimental Cell Research</i> , 2000, 258, 254-260.	2.6	97
5	Sequence and developmental expression of a mRNA encoding a putative protein of rat sperm outer dense fibers. <i>Developmental Biology</i> , 1991, 148, 195-204.	2.0	73
6	Outer dense fibre protein 2 (ODF2) is a self-interacting centrosomal protein with affinity for microtubules. <i>Journal of Cell Science</i> , 2004, 117, 4643-4651.	2.0	68
7	SPAG4L/SPAG4L-2 are testis-specific SUN domain proteins restricted to the apical nuclear envelope of round spermatids facing the acrosome. <i>Molecular Human Reproduction</i> , 2011, 17, 207-218.	2.8	67
8	Mouse Odf2 cDNAs consist of evolutionary conserved as well as highly variable sequences and encode outer dense fiber proteins of the sperm tail. <i>Molecular Reproduction and Development</i> , 1998, 51, 167-175.	2.0	54
9	The Murine Heterochromatin Protein M31 Is Associated with the Chromocenter in Round Spermatids and Is a Component of Mature Spermatozoa. <i>Experimental Cell Research</i> , 2000, 254, 72-79.	2.6	53
10	Centriole maturation and transformation to basal body. <i>Seminars in Cell and Developmental Biology</i> , 2010, 21, 142-147.	5.0	51
11	Haplo-deficiency of ODF1/HSPB10 in mouse sperm causes relaxation of head-to-tail linkage. <i>Reproduction</i> , 2014, 148, 499-506.	2.6	46
12	Sequence, expression, and chromosomal assignment of a human sperm outer dense fiber gene. <i>Molecular Reproduction and Development</i> , 1993, 36, 407-418.	2.0	43
13	CCDC42 Localizes to Manchette, HTCA and Tail and Interacts With ODF1 and ODF2 in the Formation of the Male Germ Cell Cytoskeleton. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 151.	3.7	35
14	Molecular cloning of Odf3 encoding a novel coiled-coil protein of sperm tail outer dense fibers. <i>Molecular Reproduction and Development</i> , 2002, 61, 102-112.	2.0	34
15	Transcription and translation of the outer dense fiber gene (Odf1) during spermiogenesis in the rat. A study by in situ analyses and polysome fractionation. <i>Molecular Reproduction and Development</i> , 1996, 45, 10-20.	2.0	26
16	Molecular dissection of ODF2/Cenexin revealed a short stretch of amino acids necessary for targeting to the centrosome and the primary cilium. <i>European Journal of Cell Biology</i> , 2008, 87, 137-146.	3.6	25
17	Ultra-structure of the sperm head-to-tail linkage complex in the absence of the spermatid-specific LINC component SPAG4. <i>Histochemistry and Cell Biology</i> , 2018, 150, 49-59.	1.7	24
18	Structure and chromosomal assignment of a gene encoding the major protein of rat sperm outer dense fibres. <i>FEBS Journal</i> , 1993, 216, 497-505.	0.2	23

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19	Localisation of histone macroH2A1.2 to the XY-body is not a response to the presence of asynapsed chromosome axes. <i>Journal of Cell Science</i> , 2004, 117, 189-198.	2.0	14
20	Mouse Odf2 localizes to centrosomes and basal bodies in adult tissues and to the photoreceptor primary cilium. <i>Cell and Tissue Research</i> , 2009, 338, 295-301.	2.9	13
21	The WD40-protein CFAP52/WDR16 is a centrosome/basal body protein and localizes to the manchette and the flagellum in male germ cells. <i>Scientific Reports</i> , 2020, 10, 14240.	3.3	13
22	Pax6 controls centriole maturation in cortical progenitors through Odf2. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 1795-1809.	5.4	11
23	ODF2/Cenexin maintains centrosome cohesion by restricting $\beta$ -catenin accumulation. <i>Journal of Cell Science</i> , 2018, 131, .	2.0	11
24	The Transformation of the Centrosome into the Basal Body: Similarities and Dissimilarities between Somatic and Male Germ Cells and Their Relevance for Male Fertility. <i>Cells</i> , 2021, 10, 2266.	4.1	11
25	Transcriptional activation of Odf2/Cenexin by cell cycle arrest and the stress activated signaling pathway (JNK pathway). <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 1338-1346.	4.1	10
26	Primary and Motile Cilia: Their Ultrastructure and Ciliogenesis. , 2013, , 1-53.		8
27	Identity of Two Rat Testis cDNAs. <i>Developmental Biology</i> , 1993, 157, 553.	2.0	4
28	Transgenerational effect of drug-mediated inhibition of LSD1 on eye pigment expression in <i>Drosophila</i> . <i>BMC Ecology</i> , 2020, 20, 62.	3.0	2
29	Expression of $\beta$ -Tubulin Acetyltransferase 1 and Tubulin Acetylation as Selective Forces in Cell Competition. <i>Cells</i> , 2021, 10, 390.	4.1	2