

# Thomas Karaouzene

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Mutations in DNAH1, which Encodes an Inner Arm Heavy Chain Dynein, Lead to Male Infertility from Multiple Morphological Abnormalities of the Sperm Flagella. American Journal of Human Genetics, 2014, 94, 95-104.	2.6	328
2	Mutations in CFAP43 and CFAP44 cause male infertility and flagellum defects in Trypanosoma and human. Nature Communications, 2018, 9, 686.	5.8	173
3	Absence of CFAP69 Causes Male Infertility due to Multiple Morphological Abnormalities of the Flagella in Human and Mouse. American Journal of Human Genetics, 2018, 102, 636-648.	2.6	121
4	Homozygous mutation of PLCZ1 leads to defective human oocyte activation and infertility that is not rescued by the WW-binding protein PAWP. Human Molecular Genetics, 2016, 25, 878-891.	1.4	112
5	Whole-exome sequencing of familial cases of multiple morphological abnormalities of the sperm flagella (MMAF) reveals new DNAH1 mutations. Human Reproduction, 2016, 31, 2872-2880.	0.4	96
6	SPINK2 deficiency causes infertility by inducing sperm defects in heterozygotes and azoospermia in homozygotes. EMBO Molecular Medicine, 2017, 9, 1132-1149.	3.3	95
7	Whole-exome sequencing identifies mutations in FSIP2 as a recurrent cause of multiple morphological abnormalities of the sperm flagella. Human Reproduction, 2018, 33, 1973-1984.	0.4	93
8	Subcellular localization of phospholipase C11 in human sperm and its absence in DPY19L2-deficient sperm are consistent with its role in oocyte activation. Molecular Human Reproduction, 2015, 21, 157-168.	1.3	83
9	A Homozygous Ancestral SVA-Insertion-Mediated Deletion in WDR66 Induces Multiple Morphological Abnormalities of the Sperm Flagellum and Male Infertility. American Journal of Human Genetics, 2018, 103, 400-412.	2.6	81
10	Dpy19l2-deficient globozoospermic sperm display altered genome packaging and DNA damage that compromises the initiation of embryo development. Molecular Human Reproduction, 2015, 21, 169-185.	1.3	61
11	PATL2 is a key actor of oocyte maturation whose invalidation causes infertility in women and mice. EMBO Molecular Medicine, 2018, 10, .	3.3	53
12	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. PLoS ONE, 2015, 10, e0118698.	1.1	37
13	Fine Characterisation of a Recombination Hotspot at the DPY19L2 Locus and Resolution of the Paradoxical Excess of Duplications over Deletions in the General Population. PLoS Genetics, 2013, 9, e1003363.	1.5	25