

# Tamara Leahy

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

982  
citations

489802

18  
h-index

591227

27  
g-index

27  
all docs

27  
docs citations

27  
times ranked

979  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sperm surface changes and physiological consequences induced by sperm handling and storage. <i>Reproduction</i> , 2011, 142, 759-778.	1.1	148
2	Comprehensive mapping of the bull sperm surface proteome. <i>Proteomics</i> , 2012, 12, 3559-3579.	1.3	81
3	New insights into the regulation of cholesterol efflux from the sperm membrane. <i>Asian Journal of Andrology</i> , 2015, 17, 561.	0.8	78
4	The identification of proteomic markers of sperm freezing resilience in ram seminal plasma. <i>Journal of Proteomics</i> , 2015, 126, 303-311.	1.2	64
5	Seminal Plasma and its Effect on Ruminant Spermatozoa During Processing. <i>Reproduction in Domestic Animals</i> , 2012, 47, 207-213.	0.6	63
6	Sublethal sperm freezing damage: Manifestations and solutions. <i>Theriogenology</i> , 2018, 118, 172-181.	0.9	59
7	Proteomic Investigation of Ram Spermatozoa and the Proteins Conferred by Seminal Plasma. <i>Journal of Proteome Research</i> , 2016, 15, 3700-3711.	1.8	58
8	Seasonal variation in the protective effect of seminal plasma on frozen-thawed ram spermatozoa. <i>Animal Reproduction Science</i> , 2010, 119, 147-153.	0.5	41
9	Capacitation and Capacitation-like Sperm Surface Changes Induced by Handling Boar Semen. <i>Reproduction in Domestic Animals</i> , 2011, 46, 7-13.	0.6	39
10	Application of seminal plasma in sex-sorting and sperm cryopreservation. <i>Theriogenology</i> , 2008, 70, 1360-1363.	0.9	35
11	Quantitative Proteomic Analysis of Seminal Plasma, Sperm Membrane Proteins, and Seminal Extracellular Vesicles Suggests Vesicular Mechanisms Aid in the Removal and Addition of Proteins to the Ram Sperm Membrane. <i>Proteomics</i> , 2020, 20, e1900289.	1.3	32
12	Flow-sorted ram spermatozoa are highly susceptible to hydrogen peroxide damage but are protected by seminal plasma and catalase. <i>Reproduction, Fertility and Development</i> , 2010, 22, 1131.	0.1	29
13	Autologous Whole Ram Seminal Plasma and its Vesicle-free Fraction Improve Motility Characteristics and Membrane Status but not In Vivo Fertility of Frozen-Thawed Ram Spermatozoa. <i>Reproduction in Domestic Animals</i> , 2007, 42, 541-549.	0.6	26
14	Seminal plasma proteins protect flow-sorted ram spermatozoa from freeze - thaw damage. <i>Reproduction, Fertility and Development</i> , 2009, 21, 571.	0.1	25
15	Seminal plasma proteins do not consistently improve fertility after cervical insemination of ewes with non-sorted or sex-sorted frozen - thawed ram spermatozoa. <i>Reproduction, Fertility and Development</i> , 2010, 22, 606.	0.1	22
16	Binder of Sperm Proteins protect ram spermatozoa from freeze-thaw damage. <i>Cryobiology</i> , 2018, 82, 78-87.	0.3	21
17	Seminal plasma and cryopreservation alter ram sperm surface carbohydrates and interactions with neutrophils. <i>Reproduction, Fertility and Development</i> , 2018, 30, 689.	0.1	21
18	High pre-freezing dilution improves post-thaw function of ram spermatozoa. <i>Animal Reproduction Science</i> , 2010, 119, 137-146.	0.5	20

#	ARTICLE	IF	CITATIONS
19	Oestrus synchronisation and superovulation alter the production and biochemical constituents of ovine cervicovaginal mucus. <i>Animal Reproduction Science</i> , 2016, 172, 114-122.	0.5	19
20	Oestrus synchronisation and superovulation alter the cervicovaginal mucus proteome of the ewe. <i>Journal of Proteomics</i> , 2017, 155, 1-10.	1.2	17
21	Binder of Sperm Proteins 1 and 5 have contrasting effects on the capacitation of ram spermatozoa. <i>Biology of Reproduction</i> , 2018, 98, 765-775.	1.2	17
22	Penicillamine prevents ram sperm agglutination in media that support capacitation. <i>Reproduction</i> , 2016, 151, 167-177.	1.1	16
23	Novel methods to detect capacitation-related changes in spermatozoa. <i>Theriogenology</i> , 2019, 137, 56-66.	0.9	14
24	Feasibility of sex-sorting sperm from the white and the black rhinoceros ( <i>Ceratotherium simum</i> ). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5</i>	0.9	13
25	Two-dimensional polyacrylamide gel electrophoresis of membrane proteins from flow cytometrically sorted ram sperm. <i>Theriogenology</i> , 2011, 75, 962-971.	0.9	11
26	D-penicillamine prevents ram sperm agglutination by reducing the disulphide bonds of a copper-binding sperm protein. <i>Reproduction</i> , 2016, 151, 491-500.	1.1	7
27	HDL mediates reverse cholesterol transport from ram spermatozoa and induces hyperactivated motility. <i>Biology of Reproduction</i> , 2021, 104, 1271-1281.	1.2	6