

# Impact of light irradiation on preservation and function

Animal Reproduction Science

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Irradiation of semen doses with LED-based red light in a photo chamber does not improve in vitro quality of thermally stressed boar spermatozoa. <i>Reproduction in Domestic Animals</i> , 2018, 53, 1016-1019.	0.6	9
2	LED-based red light photostimulation improves short-term response of cooled boar semen exposed to thermal stress at 37°C. <i>Andrologia</i> , 2019, 51, e13237.	1.0	14
3	Red-light stimulation of boar semen prior to artificial insemination improves field fertility in farms: A worldwide survey. <i>Reproduction in Domestic Animals</i> , 2019, 54, 1145-1148.	0.6	11
4	Comparative Effect of Low-intensity Laser Radiation in Green and Red Spectral Regions on Functional Characteristics of Sturgeon Sperm. <i>Photochemistry and Photobiology</i> , 2020, 96, 1294-1313.	1.3	4
5	Irradiating frozen-thawed stallion sperm with red-light increases their resilience to withstand post-thaw incubation at 38°C. <i>Theriogenology</i> , 2020, 157, 85-95.	0.9	8
6	Medium-term effects of the diluted pig semen irradiation with red LED light on the integrity of nucleoprotein structure and resilience to withstand thermal stress. <i>Theriogenology</i> , 2020, 157, 388-398.	0.9	2
7	Red-Light Irradiation of Horse Spermatozoa Increases Mitochondrial Activity and Motility through Changes in the Motile Sperm Subpopulation Structure. <i>Biology</i> , 2020, 9, 254.	1.3	11
8	Red LED Light Acts on the Mitochondrial Electron Chain of Donkey Sperm and Its Effects Depend on the Time of Exposure to Light. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 588621.	1.8	13
9	Effects of red-light irradiation on the function and survival of fresh and liquid-stored donkey semen. <i>Theriogenology</i> , 2020, 149, 88-97.	0.9	11
10	Photobiomodulation with 810-nm Wavelengths Improves Human Sperms' Motility and Viability <i>In Vitro</i> . <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 2020, 38, 222-231.	0.7	7
11	The Effects of Red Light on Mammalian Sperm Rely upon the Color of the Straw and the Medium Used. <i>Animals</i> , 2021, 11, 122.	1.0	4
12	Effect of continuous wave, quasi-continuous wave and pulsed laser radiation on functional characteristics of fish spermatozoa. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2021, 216, 112112.	1.7	4
13	Photo Stimulation of Seminal Doses with Red LED Light from Duroc Boars and Resultant Fertility in Iberian Sows. <i>Animals</i> , 2021, 11, 1656.	1.0	3
14	Impact of Oxidative Stress on Male Reproduction in Domestic and Wild Animals. <i>Antioxidants</i> , 2021, 10, 1154.	2.2	48
15	REVIEW OF THE INFLUENCE OF ELECTROMAGNETIC RADIATIONS OF DIFFERENT RANGE ON THE PHYSIOLOGICAL PROCESSES OF HUMAN AND ANIMAL SPERMATOZOA. <i>Reproduktivna Medicina</i> , 2021, , 42-54.	0.1	0
16	Update on techniques for cryopreservation of human spermatozoa. <i>Asian Journal of Andrology</i> , 2022, 24, 563.	0.8	10
18	Effects of cryopreservation on the mitochondrial bioenergetics of bovine sperm. <i>Reproduction in Domestic Animals</i> , 0, , .	0.6	4
19	The effects of red LED light on pig sperm function rely upon mitochondrial electron chain activity rather than on a PKC-mediated mechanism. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	0

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