

Specific LED-based red light photo-stimulation procedure and reproductive performance of boar ejaculates

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Genesis on diamonds II: contact with diamond enhances human sperm performance by 300%. <i>Annals of Translational Medicine</i> , 2016, 4, 407-407.	0.7	12
2	The effect of red light irradiation on spermatozoa DNA. <i>Proceedings of SPIE</i> , 2016, , .	0.8	0
3	Red light improves spermatozoa motility and does not induce oxidative DNA damage. <i>Scientific Reports</i> , 2017, 7, 46480.	1.6	32
4	Effect of red light on optically trapped spermatozoa. <i>Biomedical Optics Express</i> , 2017, 8, 4200.	1.5	8
5	Evaluation of porcine beta defensins-1 and -2 as antimicrobial peptides for liquid-stored boar semen: Effects on bacterial growth and sperm quality. <i>Theriogenology</i> , 2018, 111, 9-18.	0.9	22
6	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
7	Short-term tolerance of equine spermatozoa to various abiotic factors. <i>Reproduction in Domestic Animals</i> , 2018, 53, 534-544.	0.6	1
8	Impact of light irradiation on preservation and function of mammalian spermatozoa. <i>Animal Reproduction Science</i> , 2018, 194, 19-32.	0.5	21
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19	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
20	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
21	Photobiomodulation therapy for male infertility. <i>Lasers in Medical Science</i> , 2020, 35, 1671-1680.	1.0	8
22	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
23	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
24	Inhibition of Potassium Channels Affects the Ability of Pig Spermatozoa to Elicit Capacitation and Trigger the Acrosome Exocytosis Induced by Progesterone. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1992.	1.8	7
25	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
26	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
27	Variability of the Generative Function of Bulls of Different Breeds and Their Tolerance in Connection with the Change in the Lunar Phases. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 852, 012095.	0.2	0
28	Laser irradiation effects and its possible mechanisms of action on spermatozoa functions in domestic animals. <i>Asian Pacific Journal of Reproduction</i> , 2017, 6, 97-103.	0.2	5
30	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
31	Of diamond surfaces, red light photobiomodulation and fertility: lessons from the laboratory. <i>Annals of Translational Medicine</i> , 2017, 5, 409-409.	0.7	2
32	Exogenous Albumin Is Crucial for Pig Sperm to Elicit In Vitro Capacitation Whereas Bicarbonate Only Modulates Its Efficiency. <i>Biology</i> , 2021, 10, 1105.	1.3	6
34	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
35	Sperm kinetics of Egyptian buffalo bulls (<i>Bubalus bubalis</i>) affected by the red laser postfreezing. <i>Journal of Advanced Veterinary and Animal Research</i> , 2022, 9, 396.	0.5	1