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Dose-dependent effects of caffeine in human Sertoli cells metabolism and oxidative profile: relevance for male fertility

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#	Paper	IF	Citations
60	Antidiabetic Drugs: Mechanisms of Action and Potential Outcomes on Cellular Metabolism. <i>Current Pharmaceutical Design</i> , 2015 , 21, 3606-20	3.3	38
59	Sertoli cell as a model in male reproductive toxicology: Advantages and disadvantages. <i>Journal of Applied Toxicology</i> , 2015 , 35, 870-83	4.1	50
58	White tea consumption restores sperm quality in prediabetic rats preventing testicular oxidative damage. <i>Reproductive BioMedicine Online</i> , 2015 , 31, 544-56	4	53
57	Leptin modulates human Sertoli cells acetate production and glycolytic profile: a novel mechanism of obesity-induced male infertility?. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015 , 1852, 1824-32	6.9	51
56	Effect of yerba mate (<i>Ilex paraguariensis</i> A. St. Hil.) infusion obtained by freeze concentration technology on antioxidant status of healthy individuals. <i>LWT - Food Science and Technology</i> , 2015 , 62, 948-954	5.4	30
55	Male infertility: lifestyle factors and holistic, complementary, and alternative therapies. <i>Asian Journal of Andrology</i> , 2016 , 18, 410-8	2.8	40
54	Structure-Bioactivity Relationships of Methylxanthines: Trying to Make Sense of All the Promises and the Drawbacks. <i>Molecules</i> , 2016 , 21,	4.8	80
53	Ghrelin acts as energy status sensor of male reproduction by modulating Sertoli cells glycolytic metabolism and mitochondrial bioenergetics. <i>Molecular and Cellular Endocrinology</i> , 2016 , 434, 199-209	4.4	28
52	White tea intake prevents prediabetes-induced metabolic dysfunctions in testis and epididymis preserving sperm quality. <i>Journal of Nutritional Biochemistry</i> , 2016 , 37, 83-93	6.3	28
51	Testicular lactate content is compromised in men with Klinefelter Syndrome. <i>Molecular Reproduction and Development</i> , 2016 , 83, 208-16	2.6	9
50	The single and synergistic effects of the major tea components caffeine, epigallocatechin-3-gallate and L-theanine on rat sperm viability. <i>Food and Function</i> , 2016 , 7, 1301-5	6.1	16
49	Rosmarinic acid reverses the effects of metronidazole-induced infertility in male albino rats. <i>Reproduction, Fertility and Development</i> , 2017 , 29, 1910-1920	1.8	4
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47	In vitro toxicity evaluation of melamine on mouse TM4 Sertoli cells. <i>Environmental Toxicology and Pharmacology</i> , 2017 , 50, 111-118	5.8	4
46	Implications of epigallocatechin-3-gallate in cultured human Sertoli cells glycolytic and oxidative profile. <i>Toxicology in Vitro</i> , 2017 , 41, 214-222	3.6	12
45	Periconception in Physiology and Medicine. <i>Advances in Experimental Medicine and Biology</i> , 2017 ,	3.6	
44	Epigenetic Influences During the Periconception Period and Assisted Reproduction. <i>Advances in Experimental Medicine and Biology</i> , 2017 , 1014, 15-39	3.6	14

43	Comentario editorial a Selección espermática in vitro : espermatozoides con mejores características funcionales. <i>Urología Colombiana</i> , 2017 , 26, 151	0.1	
42	Coffee and caffeine intake and male infertility: a systematic review. <i>Nutrition Journal</i> , 2017 , 16, 37	4.3	53
41	Removal of caffeine from water by combining dielectric barrier discharge (DBD) plasma with goethite. <i>Journal of Saudi Chemical Society</i> , 2017 , 21, 545-557	4.3	40
40	. <i>Nutrire</i> , 2017 , 42,	2.2	1
39	Anti-obesity potential of natural methylxanthines. <i>Journal of Functional Foods</i> , 2018 , 43, 84-94	5.1	28
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37	Effects of chronic consumption of energy drinks on liver and kidney of experimental rats. <i>Tropical Journal of Pharmaceutical Research</i> , 2018 , 16, 2849	0.8	2
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34	8-(3-phenylpropyl)-1,3,7-triethylxanthine is a synthetic caffeine substitute with stronger metabolic modulator activity. <i>Toxicology in Vitro</i> , 2018 , 53, 114-120	3.6	2
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32	L-Theanine promotes cultured human Sertoli cells proliferation and modulates glucose metabolism. <i>European Journal of Nutrition</i> , 2019 , 58, 2961-2970	5.2	10
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29	Enhanced removal of water pollutants by dielectric barrier discharge non-thermal plasma reactor. <i>Separation and Purification Technology</i> , 2019 , 215, 155-162	8.3	51
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21	Do lifestyle practices impede male fertility?. <i>Andrologia</i> , 2021 , 53, e13595	2.4	26
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18	Paternal exposure to exercise and/or caffeine and alcohol modify offspring behavioral and pathophysiological recovery from repetitive mild traumatic brain injury in adolescence. <i>Genes, Brain and Behavior</i> , 2021 , 20, egbb12736	3.6	0
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- 4 Fluted pumpkin seeds protect the spermatogenesis score index and testicular histology of caffeine treated rats. ○
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