

CEROS PUBLICATIONS (by date)

| Date | Citation | Species |
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| 2011 | Bonisoli-Alquati A, Møller AP, Rudolfsen G, Saino N, Caprioli M, Ostermiller S, Mousseau TA. The effects of radiation on sperm swimming behavior depend on plasma oxidative status in the barn swallow (<i>Hirundo rustica</i>). <i>Comp Biochem Physiol A Mol Integr Physiol</i> . 2011 Feb 1. [Epub ahead of print] PubMed PMID: 21295152 | Bird |
| 2011 | Gasparini C, Pilastro A. Cryptic female preference for genetically unrelated males is mediated by ovarian fluid in the guppy. <i>Proc Biol Sci</i> . 2011 Jan 12. [Epub ahead of print] PubMed PMID: 21227973. | Fish |
| 2011 | Goodson SG, Zhang Z, Tsuruta JK, Wang W, O'Brien DA. Classification of Mouse Sperm Motility Patterns Using an Automated Multiclass Support Vector Machines Model. <i>Biol Reprod</i> . 2011 Feb 23. [Epub ahead of print] PubMed PMID: 21349820 | Mouse |
| 2011 | Firestone R, Esfandiari N, Moskovtsev SI, Burstein E, Videna GT, Librach C, Bentov Y, Casper RF. The Effects of Low-Level Laser Light Exposure on Sperm Motion Characteristics and DNA Damage. <i>J Androl</i> . 2011 Jul 14. [Epub ahead of print] PubMed PMID: 21757512 | Human |
| 2011 | Hoogewijs M, De Vlieghe S, De Schauwer C, Govaere J, Smits K, Hoflack G, de Kruif A, Van Soom A. Validation and usefulness of the Sperm Quality Analyzer V equine for equine semen analysis. <i>Theriogenology</i> . 2011 Jan 1;75(1):189-94. Epub 2010 Oct 20. PubMed PMID: 20965556. | Equine |
| 2011 | McCarthy MJ, Meyers SA. Antioxidant treatment in the absence of exogenous lipids and proteins protects rhesus macaque sperm from cryopreservation-induced cell membrane damage. <i>Theriogenology</i> . 2011 Jul 1;76(1):168-76. Epub 2011 Mar 31. PubMed PMID: 21458048; PubMed Central PMCID: PMC3109175 | Monkey |
| 2011 | Rahman MB, Vandaele L, Rijsselaere T, Maes D, Hoogewijs M, Frijters A, Noordman J, Granados A, Dernelle E, Shamsuddin M, Parrish JJ, Van Soom A. Scrotal insulation and its relationship to abnormal morphology, chromatin protamination and nuclear shape of spermatozoa in Holstein-Friesian and Belgian Blue bulls. <i>Theriogenology</i> . 2011 Jul 19. [Epub ahead of print] PubMed PMID: 21777969 | Bovine |

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| 2011 | Rota A, Calicchio E, Nardoni S, Fratini F, Ebani VV, Sgorbini M, Panzani D, Camillo F, Mancianti F. Presence and distribution of fungi and bacteria in the reproductive tract of healthy stallions. <i>Theriogenology</i> . 2011 Aug;76(3):464-70. Epub 2011 May 6. PubMed PMID: 21529914 | Equine |
| 2011 | Turner, LM, Schwahn DJ, Harr B. Reduced male fertility is common but highly variable in form and severity in a natural house mouse hybrid zone. <i>Evolution</i> . 2001 Aug. [Epub ahead of print]. doi:10.1111/j.1558-5646.2011.01445.x2011 | Mouse |
| 2010 | Bencharif D, Amirat L, Pascal O, Anton M, Schmitt E, Desherces S, Delhomme G, Langlois ML, Barrière P, Larrat M, Tainturier D. The advantages of combining low-density lipoproteins with glutamine for cryopreservation of canine semen. <i>Reprod Domest Anim</i> . 2010 Apr;45(2):189-200. Epub 2008 Oct 30. PubMed PMID: 18992079. | Canine |
| 2010 | Bencharif D, Amirat-Briand L, Garand A, Anton M, Schmitt E, Desherces S, Delhomme G, Langlois ML, Barrière P, Destrumelle S, Vera-Munoz O, Tainturier D. Freezing canine sperm: comparison of semen extenders containing Equex and LDL (Low Density Lipoproteins). <i>Anim Reprod Sci</i> . 2010 Jun;119(3-4):305-13. Epub 2010 Jan 28. PubMed PMID: 20153943. | Canine |
| 2010 | Choi EG, Lee YS, Cho SJ, Jeon JT, Cho KW, Kong IK. Semen characteristics of genetically identical male cats cloned via somatic cell nucleus transfer. <i>Theriogenology</i> . 2010 Mar 15;73(5):638-44. Epub 2009 Dec 14. PubMed PMID: 20005562. | Feline |
| 2010 | Dziminski MA, Roberts JD, Beveridge M, Simmons LW. Among-population covariation between sperm competition and ejaculate expenditure in frogs. <i>Behavioral Ecology</i> 2010 21(2):322-328; doi:10.1093/beheco/arp191 | Frog |
| 2010 | Dziminski MA, Roberts JD, Simmons LW. Sperm morphology, motility and fertilisation capacity in the myobatrachid frog <i>Crinia georgiana</i> . <i>Reprod Fertil Dev</i> . 2010;22(3):516-22. PubMed PMID: 20188024. | Frog |
| 2010 | Elgee K, Evans JP, Ramnarine IW, Rush SA, Pitcher TE. Geographic variation in sperm traits reflects predation risk and natural rates of multiple paternity in the guppy. <i>J. Evol. Biol</i> 2010; 23:1331-1338. doi:10.1111/j.1420-9101.2010.01996.x | Fish |
| 2010 | Fagundes B; Silva JFS, Shimoya A, da Cunha ICN, de Souza GV, van Tilburg FM. Addition of alanine, glycine and glutamine to frozen seminal extender from Mangalarga Marchador stallions. <i>R. Bras. Zootec</i> . 2010 Feb;39(2):279-284. doi: 10.1590/S1516-35982010000200008 (Portuguese) | Equine |

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| 2010 | Firman RC, Simmons LW. Experimental evolution of sperm quality via postcopulatory sexual selection in house mice. Evolution. 2010 May;64(5):1245-56. Epub 2009 Nov 17. PubMed PMID: 19922447. | Mouse |
| 2010 | Firman RC, Simmons LW. Sperm midpiece length predicts sperm swimming velocity in house mice. Biol Lett. 2010 Aug 23;6(4):513-6. Epub 2010 Feb 10. PubMed PMID: 20147311. | Mouse |
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| 2010 | Gasparini C, Marino IA, Boschetto C, Pilastro A. Effect of male age on sperm traits and sperm competition success in the guppy (<i>Poecilia reticulata</i>). J Evol Biol. 2010 Jan;23(1):124-35. Epub 2009 Nov 13. PubMed PMID: 19912453. | Fish |
| 2010 | Gasparini C, Simmons LW, Beveridge M, Evans JP, 2010 Sperm Swimming Velocity Predicts Competitive Fertilization Success in the Green Swordtail <i>Xiphophorus helleri</i> . PLoS ONE 5(8): e12146. doi:10.1371/journal.pone.0012146 | Fish |
| 2010 | Gholami H, Chamani M, Towhidi A, Fazeli MH. Effect of feeding a docosaehexaenoic acid-enriched nutraceutical on the quality of fresh and frozen-thawed semen in Holstein bulls. Theriogenology. 2010 Dec;74(9):1548-58. Epub 2010 Aug 12. PubMed PMID: 20708237. | Bovine |
| 2010 | Hoogewijs M, Rijsselaere T, De Vlieghe S, Vanhaesebrouck E, De Schauwer C, Govaere J, Thys M, Hoflack G, Van Soom A, de Kruif A. Influence of different centrifugation protocols on equine semen preservation. Theriogenology. 2010 Jul 1;74(1):118-26. Epub 2010 Mar 6. PubMed PMID: 20207406. | Equine |
| 2010 | Kekäläinen K, Rudolfson G, Janhunen M, Figenschou L, Peuhkuri N, Tamper N, Kortet R. Spawning coloration and sperm quality in a large lake population of Arctic charr (<i>Salmonidae: Salvelinus alpinus</i> L.) BMC Evolutionary Biology 2010, 10:20 doi:10.1186/1471-2148-10-20 | Fish |
| 2010 | Kota V, Rai P, Weitzel JM, Middendorff R, Bhande SS, Shivaji S. Role of glycerol-3-phosphate dehydrogenase 2 in mouse sperm capacitation. Mol Reprod Dev. 2010 Jul 2. [Epub ahead of print] PubMed PMID: 20602492. | Mouse |

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| 2010 | McCarthy MJ, Baumber J, Kass PH, Meyers SA. Osmotic stress induces oxidative cell damage to rhesus macaque spermatozoa. <i>Biol Reprod.</i> 2010 Mar;82(3):644-51. Epub 2009 Oct 21. PubMed PMID: 19846599; PubMed Central PMCID: PMC2825172. | Monkey |
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| 2010 | Rota A, Bastianacci V, Magelli C, Panzani D, Camillo F. Evaluation of plasma membrane integrity of donkey spermatozoa. <i>Reprod Domest Anim.</i> 2010 Apr;45(2):228-32. Epub 2009 Jan 7. PubMed PMID: 19144042. | Donkey |
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| 2009 | Burnicka-Turek O, Shirmeshan K, Paprotta I, Grzmil P, Meinhardt A, Engel W, Adham IM. Inactivation of insulin-like factor 6 disrupts the progression of spermatogenesis at late meiotic prophase. <i>Endocrinology.</i> 2009 Sep;150(9):4348-57. Epub 2009 Jun 11. PubMed PMID: 19520787. | Mouse |

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| 2009 | Dziminski MA, Roberts JD, Beveridge M, Simmons LW. Sperm competitiveness in frogs: slow and steady wins the race. <i>Proc Biol Sci.</i> 2009 Nov 22;276(1675):3955-61. Epub 2009 Aug 26. PubMed PMID: 19710059; PubMed Central PMCID: PMC2825793. | Frog |
| 2009 | Eilertsen EM, Bardsen BJ, Liljedal S, Rudolfsen G, Folstad I. Experimental evidence for paternal effects on offspring growth rate in Arctic charr (<i>Salvelinus alpinus</i>). <i>Proc. R. Soc. B</i> (2009) 276, 129–136 doi:10.1098/rspb.2008.0884 | Fish |
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| 2009 | Fitzpatrick JL, Montgomerie R, Desjardins JK, Stiver KA, Kolm N, Balshine S. Female promiscuity promotes the evolution of faster sperm in cichlid fishes. <i>Proc Natl Acad Sci U S A.</i> 2009 Jan 27;106(4):1128-32. Epub 2009 Jan 21. PubMed PMID: 19164576; PubMed Central PMCID: PMC2633556. | Fish |
| 2009 | Freour T, Jean M, Mirallie S, Langlois ML, Dubourdieu S, Barriere P. Predictive value of CASA parameters in IUI with frozen donor sperm. <i>Int J Androl.</i> 2009 Oct;32(5):498-504. Epub 2008 Apr 9. PubMed PMID: 18399982. | Human |
| 2009 | Gasparini C, Peretti AV, Pilastro A. Female presence influences sperm velocity in the guppy. <i>Biol Lett.</i> 2009 Dec 23;5(6):792-4. Epub 2009 Aug 5. PubMed PMID: 19656863; PubMed Central PMCID: PMC2827984. | Fish |
| 2009 | Grady ST, Cavinder CA, Brinsko SP, Forrest DW, Sawyer JE, Scott BD. Dietary Supplementation of Two Varying Sources of n-3 Fatty Acids and Subsequent Effects on Fresh, Cooled, and Frozen Seminal Characteristics of Stallions. <i>Professional Animal Scientist</i> 2009 25:768-773. | Equine |
| 2009 | Haugland T, Rudolfsen G, Figenschou L, Folstad I. Sperm velocity and its relation to social status in Arctic charr (<i>Salvelinus alpinus</i>). <i>Anim Reprod Sci.</i> 2009 Oct;115(1-4):231-7. Epub 2008 Nov 20. PubMed PMID: 19097711. | Fish |

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| 2009 | Heinen TJ, Staubach F, Häming D, Tautz D. Emergence of a new gene from an intergenic region. <i>Curr Biol.</i> 2009 Sep 29;19(18):1527-31. Epub 2009 Sep 3. PubMed PMID: 19733073. | Mouse |
| 2009 | Hung PH, Froenicke L, Lin CY, Lyons LA, Miller MG, Pinkerton KE, VandeVoort CA. Effects of environmental tobacco smoke in vivo on rhesus monkey semen quality, sperm function, and sperm metabolism. <i>Reprod Toxicol.</i> 2009 Apr;27(2):140-8. Epub 2008 Dec 30. PubMed PMID: 19159676. | Monkey |
| 2009 | Janhunen M, Rudolfson G, Kekalainen J, Figenschou N, Kortet R. Spawning coloration and sperm quality in a large lake population of Arctic charr (<i>Salmonidae: Salvelinus alpinus</i> L.) <i>Biological Journal of the Linnean Society.</i> 2009 Dec;98(4):794-802. DOI: 10.1111/j.1095-8312.2009.01317.x | Fish |
| 2009 | Kleven O, Fossøy F, Laskemoen T, Robertson RJ, Rudolfson G, Lifjeld JT. Comparative evidence for the evolution of sperm swimming speed by sperm competition and female sperm storage duration in passerine birds. <i>Evolution.</i> 2009 Sep;63(9):2466-73. Epub 2009 Apr 30. PubMed PMID: 19453726. | Bird |
| 2009 | Kota V, Dhople VM, Shivaji S. Tyrosine phosphoproteome of hamster spermatozoa: role of glycerol-3-phosphate dehydrogenase 2 in sperm capacitation. <i>Proteomics.</i> 2009 Apr;9(7):1809-26. PubMed PMID: 19333995. | Hamster |
| 2009 | López A, Rijsselaere T, Van Soom A, Leroy J, De Clercq J, Bols P, Maes D. Effect of Organic Selenium in the Diet on Sperm Quality of Boars. <i>Reprod Domest Anim.</i> 2009 Dec 10. [Epub ahead of print] PubMed PMID: 20015118. | Porcine |
| 2009 | Marentette JR, Fitzpatrick JL, Berger RG, Balshine S. Multiple Male Reproductive Morphs in the Invasive Round Goby (<i>Apollonia melanostoma</i>). <i>Journal of Great Lakes Research</i> 2009: Jun;35(2):302-308 doi: 10.1016/j.jglr.2009.01.009 | Fish |
| 2009 | Martínez-Pastor F, Martínez F, Alvarez M, Maroto-Morales A, García-Alvarez O, Soler AJ, Garde JJ, de Paz P, Anel L. Cryopreservation of Iberian red deer (<i>Cervus elaphus hispanicus</i>) spermatozoa obtained by electroejaculation. <i>Theriogenology.</i> 2009 Mar 1;71(4):628-38. Epub 2008 Oct 30. PubMed PMID: 18976805. | Deer |
| 2009 | Møller AP, Mousseau TA, Rudolfson G, Balbontín J, Marzal A, Hermosell I, De Lope F. Senescent sperm performance in old male birds. <i>J Evol Biol.</i> 2009 Feb;22(2):334-44. Epub 2008 Nov 14. PubMed PMID: 19032491. | Bird |

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| 2009 | Moskovtsev SI, Willis J, White J, Mullen JB. Sperm DNA damage: correlation to severity of semen abnormalities. <i>Urology</i> . 2009 Oct;74(4):789-93. Epub 2009 Jul 30. PubMed PMID: 19643462. | Human |
| 2009 | Peruzzi S, Rudolfson G, Primicerio R, Frantzen M, Kauric G. Milt characteristics of diploid and triploid Atlantic cod (<i>Gadus morhua</i> L.) <i>Aquaculture Research</i> , 2009, 1-10. doi:10.1111/j.1365-2109.2009.02212.x | Fish |
| 2009 | Pitcher TE, Beausoleil JJ, Abbott JA, Vandereerden JL. Sperm design and function in the redbreast dace <i>Clinostomus elongatus</i> . <i>Journal of Fish Biology</i> . 2009 Sep; 75(4): 924-931. DOI: 10.1111/j.1095-8649.2009.02337.x | Fish |
| 2009 | Pitcher TE, Doucet SM, Beausoleil JMJ, Hanley H. Secondary sexual characters and sperm traits in coho salmon <i>Oncorhynchus kisutch</i> . <i>Journal of Fish Biology</i> . 2009 May; 74(7):1450-1461 DOI: 10.1111/j.1095-8649.2009.02210.x | Fish |
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| 2009 | Simmons LW, Roberts JD, Dziminski MA. Egg jelly influences sperm motility in the externally fertilizing frog, <i>Crinia georgiana</i> . <i>J Evol Biol</i> . 2009 Jan;22(1):225-9. PubMed PMID: 19120822. | Frog |
| 2009 | Skjæraasen JE, Mayer I, Meager JJ, Rudolfson G, Karlsen Ø, Haugland T, Kleven O. Sperm characteristics and competitive ability in farmed and wild cod. <i>Mar Ecol Prog Ser</i> 375: 219–228, 2009 | Fish |

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| 2009 | Webb GW, Dean MM, Humes RA, Heywood JS. A Comparison of the Ability of Three Commercially Available Diluents to Maintain the Motility of Cold Stored Stallion Semen. <i>Journal of Equine Veterinary Science</i> 2009 Apr;29(4):229-232, DOI: 10.1016/j.jevs.2009.03.003) | Equine |
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| 2009 | Whiteley AR, Persaud KN, Derome N, Montgomerie R, Bernatchez L. Reduced sperm performance in backcross hybrids between species pairs of whitefish (<i>Coregonus clupeaformis</i>). <i>Canadian Journal of Zoology</i> 2009 Jul;87(7):566-572 DOI 10.1139/Z09-042 | Fish |
| 2009 | Yamauchi S, Nakamura S, Lay KM, Azuma T, Yakabi T, Muto N, Nakada T, Ashizawa K, Tatemoto H. Characteristics of Okinawan native agu pig spermatozoa after addition of low-density lipoprotein to freezing extender. <i>J Reprod Dev</i> . 2009 Oct;55(5):558-65. Epub 2009 Jul 1. PubMed PMID: 19571465. | Porcine |
| 2008 | Abe Y, Lee DS, Sano H, Akiyama K, Yanagimoto-Ueta Y, Asano T, Suwa Y, Suzuki H. Artificial insemination with canine spermatozoa frozen in a skim milk/glucose-based extender. <i>J Reprod Dev</i> . 2008 Aug;54(4):290-4. Epub 2008 May 13. PubMed PMID: 18475036. | Canine |
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| 2008 | Brum AM, Sabeur K, Ball BA. Apoptotic-like changes in equine spermatozoa separated by density-gradient centrifugation or after cryopreservation. <i>Theriogenology.</i> 2008 Jun;69(9):1041-55. Epub 2008 Apr 18. PubMed PMID: 18378291. | Equine |
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| 2008 | Filliers M, Rijsselaere T, Bossaert P, De Causmaecker V, Dewulf J, Pope CE, Van Soom A. Computer-assisted sperm analysis of fresh epididymal cat spermatozoa and the impact of cool storage (4 degrees C) on sperm quality. <i>Theriogenology.</i> 2008 Dec;70(9):1550-9. Epub 2008 Aug 8. PubMed PMID: 18692229. | Feline |
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| 2008 | Fitzpatrick JL, Desjardins JK, Milligan N, Stiver KA, Montgomerie R, Balshine S. Female-mediated causes and consequences of status change in a social fish. <i>Proc Biol Sci.</i> 2008 Apr 22;275(1637):929-36. PubMed PMID: 18230595; PubMed Central PMCID: PMC2599934. | Fish |
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