

Temperature Sense

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Recent Publications on Temperature Sense:

- [Visual analog scales for assessment of thermal perception in different environments.](#)
*INTRODUCTION: Subjective thermal perception in stable and dynamic...*1st October, 2008
Department of Psychology, Laboratory for Health and Human Performance in- Aviat Space Environ Med. 2008 Aug;79(8):784-6.
- [An olfactory neuron responds stochastically to temperature and modulates *Caenorhabditis elegans* thermotactic behavior.](#)
*Caenorhabditis elegans navigates thermal gradients by using a behavioral...*26th September, 2008
Department of Biology and National Center for Behavioral Genomics,- Proc Natl Acad Sci U S A. 2008 Aug 5;105(31):11002-7. Epub 2008 Jul 30. ([DOI Direct Link](#))
- [Oxytocin receptor-deficient mice developed late-onset obesity.](#)
*The oxytocin receptor has been suggested to be involved in energy...*25th September, 2008
Department of Physiology, Jichi Medical University, Shimotsuke, Tochigi,- Neuroreport. 2008 Jun 11;19(9):951-5. ([DOI Direct Link](#))
- [Bidirectional temperature-sensing by a single thermosensory neuron in *C. elegans*.](#)
*Humans and other animals can sense temperature changes as small as 0.1...*23rd September, 2008
Program in Neuroscience, Stanford University, 279 Campus Dr., Stanford,- Nat Neurosci. 2008 Aug;11(8):908-15. ([DOI Direct Link](#))
- [Heat detection without TRPV1.](#)
*Humans and other animals can sense temperature changes as small as 0.1...*11th September, 2008
- J Pain. 2008 Jul;9(7):666. ([DOI Direct Link](#))
- [TRPA1 channels mediate cold temperature sensing in mammalian vagal sensory neurons: pharmacological and genetic evidence.](#)
*Cold thermoreceptors have been described in different territories of the...*30th August, 2008
Instituto de Neurociencias de Alicante, Universidad Miguel- J Neurosci. 2008 Jul 30;28(31):7863-75. ([DOI Direct Link](#))
- [Quantitative sensory testing in patients with polyneuropathy and healthy individuals.](#)
*AIMS: Elderly individuals and patients with polyneuropathy often feel heat...*23rd August, 2008
Department of Neurology, University Hospital of North Norway and Institute- Acta Neurol Scand Suppl. 2008;188:56-61. ([DOI Direct Link](#))
- [Effects of a cool environment on the health of female office workers and students.](#)
*OBJECTIVE: The aim of this study was to evaluate the effect of a cool...*18th July, 2008
Department of Regional and Family Life, Saga University, Saga, Japan.- J Physiol Anthropol. 2008 May;27(3):153-9.

- [Neuropathic symptoms and findings in women with Fabry disease.](#)
OBJECTIVE: To examine the neurologic and neurophysiologic findings and... 11th July, 2008
Department of Clinical Neurophysiology, Turku University Hospital,- Clin Neurophysiol. 2008 Jun;119(6):1365-72. Epub 2008 Apr 1. ([DOI Direct Link](#))
- [Dermo-optical perception: the non-synesthetic "palpability of colors" a comment on Lerner \(2006\).](#)
We comment on Lerner's (2006) recent description of the... 4th July, 2008
Neuropsychology Unit, Department of Neurology, University Hospital Zurich,- J Hist Neurosci. 2008;17(2):253-5. ([DOI Direct Link](#))
- [Effects of alcohol on autonomic responses and thermal sensation during cold exposure in humans.](#)
We investigated the effects of alcohol on thermoregulatory responses and... 24th June, 2008
Faculty of Human Sciences, Waseda University, Tokorozawa 359-1192, Japan.- Alcohol. 2008 May;42(3):207-12. ([DOI Direct Link](#))
- [The effect of acupuncture duration on analgesia and peripheral sensory thresholds.](#)
BACKGROUND: Acupuncture provides a means of peripheral stimulation for... 5th June, 2008
Department of Anesthesiology, The University of California, San Diego,- BMC Complement Altern Med. 2008 May 1;8:18. ([DOI Direct Link](#))
- [Regulation of the cellular heat shock response in Caenorhabditis elegans by thermosensory neurons.](#)
Temperature pervasively affects all cellular processes. In response to a... 24th May, 2008
Department of Biochemistry, Molecular Biology, and Cell Biology, Rice- Science. 2008 May 9;320(5877):811-4. ([DOI Direct Link](#))
- [Temperature sensing by an olfactory neuron in a circuit controlling behavior of C. elegans.](#)
Temperature is an unavoidable environmental cue that affects the... 24th May, 2008
Group of Molecular Neurobiology, Graduate School of Science, Nagoya- Science. 2008 May 9;320(5877):803-7. Epub 2008 Apr 10. ([DOI Direct Link](#))
- [Peripheral sensory neuropathy--fighting cold with cold.](#)
Temperature pervasively affects all cellular processes. In response to a... 16th May, 2008
- Lancet Oncol. 2008 May;9(5):415-6. ([DOI Direct Link](#))

Temperature Sense Clinical Trials:



- [Brain Activation During Thermal Stimulation in Neuropathic Pain](#)
Neuropathic Pain

Temperature Sense Patents:



- 7352637- [Reference current generating circuit of nonvolatile semiconductor memory device](#)
- 7373272- [Temperature compensated resonant transmission line sensor](#)
- 7375424- [Wirebonded device packages for semiconductor devices having elongated electrodes](#)

- 7375540- [Process monitor for monitoring and compensating circuit performance](#)
- 7379355- [Circuit for enabling sense amplifier and semiconductor memory device having the same](#)
- 7380339- [Method of manufacturing a printhead wafer etched from opposing sides](#)
- 7380906- [Printhead](#)
- 7380913- [Ink jet printer nozzle assembly with micro-electromechanical paddles](#)
- 7380929- [Printer with a driven print media carriage](#)
- 7382488- [Printer configured to count printed drops](#)
- 7383145- [Programmable calibration circuit for power supply current sensing and droop loss compensation](#)
- 7372598- [Pagewidth inkjet printer with foldable input tray for interface protection](#)
- 7372593- [Inkjet printhead capping mechanism](#)
- 7372245- [Semiconductor integrated circuit](#)
- 7355671- [Fabrication method for liquid crystal cell](#)
- 7358683- [Automatic PWM controlled driver circuit and method](#)
- 7360871- [Inkjet chamber with ejection actuator between inlet and nozzle](#)
- 7361998- [Energy harvesting for wireless sensor operation and data transmission](#)
- 7365455- [Energy harvesting for wireless sensor operation and data transmission](#)
- 7365874- [Printer for authenticating a replaceable ink cartridge](#)
- 7366351- [Camera having processor for up-interpolating Bayer image for printing by internal printer](#)
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- 7372210- [Method and apparatus for lamp heat control](#)
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- 7384113- [Fluid ejection device with address generator](#)
- 7384131- [Pagewidth printhead having small print zone](#)
- 7410243- [Inkjet nozzle with resiliently biased ejection actuator](#)
- 7410250- [Inkjet nozzle with supply duct dimensioned for viscous damping](#)
- 7413273- [Generation of print data for printing](#)
- 7414749- [Dual printhead controller architecture](#)
- 7416275- [Printhead chip with nozzle arrangement for color printing](#)
- 7417554- [Wireless system for one or more electrical switching apparatus](#)
- 7419244- [Ink ejection nozzle arrangement with layered actuator mechanism](#)
- 7419247- [Printer comprising small area print chips forming a pagewidth printhead](#)
- 7419250- [Micro-electromechanical liquid ejection device](#)
- 7429092- [Method of printing with a personal computer and connected printer](#)
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- 7403113- [GaN-based sensor nodes for in situ detection of gases](#)
- 7401900- [Inkjet nozzle with long ink supply channel](#)
- 7387365- [Nozzle for an inkjet printer incorporating a plunger assembly](#)
- 7387368- [Pagewidth printhead having sealed inkjet actuators](#)
- 7388788- [Reference current generating circuit of nonvolatile semiconductor memory device](#)
- 7391531- [Printer with replaceable ink cartridge and print quality IC](#)
- 7392152- [Semiconductor integrated circuit](#)
- 7393083- [Inkjet printer with low nozzle to chamber cross-section ratio](#)
- 7396108- [Pagewidth printhead assembly with flexible tab film for supplying power and data to printhead integrated circuits](#)
- 7400419- [Inkjet printer with folding input tray](#)
- 7401884- [Inkjet printhead with integral nozzle plate](#)
- 7401895- [Inkjet printhead integrated circuit with optimized trace orientation](#)
- 7429805- [Energy harvesting for wireless sensor operation and data transmission](#)

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