

Hand

[View the current Hand InDepth page on BioPortfolio.com](http://www.bioportfolio.com/indepth/Hand.html) (<http://www.bioportfolio.com/indepth/Hand.html>)

The hands are the two intricate, prehensile, multi-fingered body parts normally located at the end of each arm of a human or other primate. They are the chief organs for physically manipulating the environment, using anywhere from the roughest motor skills to the finest, and since the fingertips contain some of the densest areas of nerve endings on the human body, they are also the richest source of tactile feedback so that sense of touch is intimately associated with human hands. Like other paired organs, each hand is dominantly controlled by the opposing brain hemisphere, and thus handedness, or preferred hand choice for single-handed activities such as writing with a pen, reflects a significant individual trait.

Recent Publications on Hand:



- [Aging diseases - do they prevent preventive health care from saving costs?](#)
*The potential of preventive health-care services to save costs is...*4th October, 2008
Institute of Health Economics and Clinical Epidemiology, University of- Health Econ. 2008 Oct 2. ([DOI](#) [Direct Link](#))
- [Chemosystematics of the rosiflorae.](#)
*The superorder Rosiflorae (sensu Dahlgren, 1980) belongs to the...*4th October, 2008
Departamento de Produtos Farmaceuticos, Faculdade de Farmacia,- Braz J Biol. 2008 Aug;68(3):633-40.
- [Altered state of corporal consciousness related to alien hand syndrome and schizophrenic motor passivity.](#)
*The superorder Rosiflorae (sensu Dahlgren, 1980) belongs to the...*4th October, 2008
Hospitas das Clinicas, Universidade Federal de Goias, Goiania, GO, Brazil.- Rev Bras Psiquiatr. 2008 Sep;30(3):290-291.
- [Bacterial contamination in milk kitchens in pediatric hospitals in Salvador, Brazil.](#)
*Milk may represent an important source of infectious agents to...*4th October, 2008
Pediatric Gastroenterology and Hepatology Service, Pediatric Center,- Braz J Infect Dis. 2008 Jun;12(3):217-21.
- [\[The trajectory of a public service for alcohol and drug addicts in Vitoria: the case of the CPTT\]](#)
*The aim of this case study is to analyze the Center for Prevention and...*4th October, 2008
Programa de Pos-Graduacao em Politica Social, Centro de Ciencias Juridicas- Cien Saude Colet. 2008 Nov-Dec;13(6):1965-74.
- [\[Asymmetry in international relations, industrial property rights and anti-HIV medication\]](#)
*This paper analyzes the asymmetry in the international relations as refers...*4th October, 2008
Departamento de Planejamento e Administracao em Saude, Instituto de- Cien Saude Colet. 2008 Nov-Dec;13(6):1869-77.
- [Teams merge for dark-energy mission.](#)
*This paper analyzes the asymmetry in the international relations as refers...*4th October, 2008

- Nature. 2008 Oct 2;455(7213):577. ([DOI Direct Link](#))
- [Full-mouth treatment versus quadrant root surface debridement in the treatment of chronic periodontitis: a systematic review.](#)
*Background and aims Non-surgical periodontal therapy has been proven to be...*4th October, 2008
Department of Adult Dental Care, School of Clinical Dentistry, University- Br Dent J. 2008 Oct 3. ([DOI Direct Link](#))
- [\[The membrane allotransplantate use in surgery for gigroma.\]](#)
*Reparative processes in calcaneal tendon after the use of new repair...*4th October, 2008
GOU VPO Bashkirskii gosudarstvennyi meditsinskii universitet, Ufa.- Khirurgiia (Mosk). 2008;(7):43-47.
- [308 nm monochromatic excimer light in dermatology: personal experience and review of the literature.](#)
*For over five years, we have been using a new ultraviolet B ray source, a...*4th October, 2008
Dermatology Unit,- G Ital Dermatol Venereol. 2008 Oct;143(5):329-37.
- [Experiences with implementation of evidence-based prevention programs to prevent occupational skin diseases in different occupations.](#)
*Occupational skin diseases are among the most frequently recognized...*4th October, 2008
National Research Centre for the Working Environment (NRCWE), Copenhagen.- G Ital Dermatol Venereol. 2008 Feb;143(1):71-8.
- [Regional variation in the refractive-index of the bovine and human cornea.](#)
*PURPOSE: Given the refractive importance of the human cornea, surprisingly...*4th October, 2008
School of Optometry, University of Waterloo, Waterloo, Ontario, Canada.- Optom Vis Sci. 2008 Oct;85(10):977-81. ([DOI Direct Link](#))
- [The possible involvement of hyperpolarizing mechanisms in histamine-induced relaxation of the rat portal vein.](#)
*The present study evaluated the effects of histamine 10(-2) M on...*4th October, 2008
Laboratory of Pharmacology, Faculty of Medicine of Marilia.- J Smooth Muscle Res. 2008 Aug;44(3-4):129-41.
- [Characteristics and lateral dominance of hand grip and elbow flexion powers in young male adults.](#)
*This study aimed to clarify the characteristics and the lateral dominance...*4th October, 2008
Kanazawa University, Graduate School of Natural Science & Technology,- J Physiol Anthropol. 2008 Jun;27(4):201-6.
- [Fractures of the proximal phalanx and metacarpals in the hand: preferred methods of stabilization.](#)
*Treatment of fractures of the proximal phalanx and metacarpals is based on...*4th October, 2008
- J Am Acad Orthop Surg. 2008 Oct;16(10):586-95.

BioNews Results for Hand

- [Obesity and osteoarthritis in knee, hip and/or hand](#)
MDLinx: Oct 3 2008 11:58PM Matching: hand
- [Laser-Enabled Keratoplasty: Shaping the Future?](#)
Review of Ophthalmology: Oct 4 2008 6:48AM Matching: hand
- [Cardinal Health settles with DEA, Georgia getting \\$1.5M](#)
East Bay Business Journal: Oct 4 2008 5:26AM Matching: hand
- [Stamp issued in support of Mental Health](#)
Bugle-Observer Online: Oct 4 2008 3:22AM Matching: hand
- [When Pregnancy and Cancer Collide](#)
Dallas Child: Oct 4 2008 1:18AM Matching: hand
- [Journal: Scientists Identify Successful 'Anti' Antibiotic That May Help Curb Rising Staph Infections](#)
Pharma Live: Oct 4 2008 1:03AM Matching: hand
- [Cardinal Health settles with DEA, Georgia getting \\$1.5M](#)
Biz Journals: Oct 4 2008 12:35AM Matching: hand

- [Cardinal Health settles with DEA for \\$34M](#)
Biz Journals: Oct 4 2008 12:35AM Matching: hand
- [Harley dealer hosts breast cancer events](#)
Leesburg Daily Commercial: Oct 3 2008 12:47AM Matching: hand
- [ALDA Pharmaceuticals Corp.: Shareholder Update - October 1, 2008](#)
PR-USA.net: Oct 3 2008 11:39AM Matching: hand
- [Suit Says Wilksburg Hospital Fired Manager Because of Cancer](#)
Red Orbit: Oct 3 2008 1:37AM Matching: hand
- [Hand function and performance of daily activities in systemic lupus erythematosus](#)
MDLinx: Oct 3 2008 1:29AM Matching: hand
- [Former Scientific Director at Genomics Institute of Novartis Research Foundation Named President of Cell Thera](#)
MedIndia: Oct 3 2008 2:29PM Matching: hand
- [The Full Circle: 360 News Column 10.02.08](#)
411mania.com: Oct 3 2008 6:38AM Matching: hand
- [More research needed to make good on biofuel promise, experts say](#)
Genetic Engineering News: Oct 3 2008 9:01PM Matching: hand

Hand Clinical Trials:



- [Study of Effectiveness of Hand Exercises to Treat Symptoms of Hand Osteoarthritis](#)
Osteoarthritis Interventions: Other: Hand Exercise; Other: sham hand cream

Hand Patents:



- 7430618- [Data transfer control device and electronic equipment](#)
- 7430665- [Portable telecommunication security device](#)
- 7430670- [Software self-defense systems and methods](#)
- 7430671- [Systems and methods for preserving confidentiality of sensitive information in a point-of-care communications environment](#)
- 7430675- [Anticipatory power management for battery-powered electronic device](#)
- 7430676- [Method and apparatus for changing the clock frequency of a memory system](#)
- 7430677- [Data processing device, and control method of data processing device](#)
- 7430687- [Building-up of multi-processor of computer nodes](#)
- 7430688- [Network monitoring method and apparatus](#)
- 7430689- [Counter-invasive software system and method](#)
- 7430692- [Processor operational status management system](#)
- 7430660- [Data transmission apparatus, system and method, and image processing apparatus](#)

- 7430649- [Input/output device, computer, computer system, input/output control program, OS, page management program, and page management method](#)
- 7430643- [Multiple contexts for efficient use of translation lookaside buffer](#)
- 7430621- [Multiple channel data bus control for video processing](#)
- 7430624- [High speed on-chip serial link apparatus and method](#)
- 7430625- [Connection of a memory component to an electronic device via a connection bus utilizing multiple interface protocols](#)
- 7430633- [Pre-storage of data to pre-cached system memory](#)
- 7430634- [Data transfer apparatus and data transfer method](#)
- 7430636- [Storage system and storage control method comprising router and switch in communication with RAID modules](#)
- 7430637- [Storage system and storage control method](#)
- 7430638- [Adaptive input / output compressed system and data cache and system using same](#)
- 7430639- [Optimization of cascaded virtual cache memory](#)
- 7430640- [Detecting when to prefetch inodes and then prefetching inodes in parallel](#)
- 7430693- [Data memory system](#)
- 7430694- [Memory BISR architecture for a slice](#)
- 7430732- [Design of application programming interfaces \(APIs\)](#)
- 7430734- [Interface invoke mechanism](#)
- 7430736- [Download and installation of software from a network printer](#)
- 7430737- [Processor and method for supporting compiler directed multithreading management](#)
- 7430739- [Providing travel log integration for objects hosted in a browser](#)
- 7430740- [Process group resource manager](#)
- 7430745- [Information processing apparatus, method of controlling the same, program, and recording medium](#)
- 7430747- [Peer-to peer graphing interfaces and methods](#)
- 7430749- [Disk conveyance apparatus and support means for supporting conveyance apparatus](#)
- 7430751- [Data recording/reproducing apparatus with an improved structure for securely supporting a front panel](#)
- 7430731- [Method for electrochemically fabricating three-dimensional structures including pseudo-rasterization of data](#)
- 7430729- [Design rule report utility](#)
- 7430725- [Suite of tools to design integrated circuits](#)
- 7430695- [Register file and its storage device](#)
- 7430702- [Data recording/reproducing apparatus and data recording/reproducing method](#)
- 7430705- [Data recording and reproducing system, and data recording and reproducing method](#)
- 7430708- [Portable terminal device](#)
- 7430712- [System and method for dynamically resizing embeded web page content](#)
- 7430715- [Interface for indicating the presence of inherited values in a document](#)
- 7430716- [Enhanced efficiency in handling novel words in spellchecking module](#)
- 7430719- [Contact text box](#)
- 7430721- [Pointright: a system to redirect mouse and keyboard control among multiple machines](#)
- 7430723- [System and method for implementing a three-dimensional graphic user interface](#)
- 7430759- [Method and computer system for securing communication in networks](#)

Resources from the [NCBI](#) used in this document, [NCBI's standard disclaimer applies](#).

Nothing in this document should be used in place of personal medical advice from your own qualified medical practitioner. See BioPortfolio.com [User Agreement](#)

Send comments and feedback to:

Peter Barfoot Managing Director, BioPortfolio Ltd.

UK Tel: (+44) 1300 321501

USA Voicemail and Fax: (+1) 415 680 2472

[Peter Barfoot peter.barfoot@bioportfolio.com](mailto:peter.barfoot@bioportfolio.com)

All rights reserved. All other trademarks recognized.

BioPortfolio Limited is registered in England & Wales at Wessex Barn, Dorchester Road, Frampton, Dorset, DT2 9NB, UK. No.3312883 VAT No. GB 744 6483 10

Copyright 1997-2008 - BioPortfolio Limited.

