

10939	Somatotopy in patients with spinal cord injury	Alkadhi	Dr
10338	Parietal Activation of the Anesthetized Pig Cerebral Cortex by Vibrotactile Stimulation of the Snout.	Andersen	Mr
11355	Brain chemistry reflects dual states of pain and anxiety in chronic low back pain	Apkarian	Prof
10891	Bilateral sensorimotor cortex activation with unilateral finger abduction following temporary peripheral paralysis	Archer	
10751	MODULATION OF PREMOTOR CORTEX CAUSED BY SUBLIMINAL PRIMING IN A REACTION TIME EXPERIMENT.	Aron	Mr
10838	Lateralization in motor facilitation during action observation: a TMS study	Aziz-Zadeh	Ms
11464	Saccular Cortical Projections in Man: a Positron Emission Tomography Study	Ballester	
9802	Is BOLD MRI sensitive to cortical activation by transcranial magnetic stimulation?	Baudewig	Mr
9969	Preceding Transcranial Direct Current Stimulation Modulates BOLD MRI Responses to Sensorimotor Activation in Humans	Baudewig	
11200	Visuomotor mental rotation is impaired by transcranial magnetic stimulation of parietal cortex	Bestmann	Mr
11305	Functional anatomy of self-initiated vs externally triggered finger and foot synchronised movements: A PET study	Blouin	Mr
10065	Differential processing of tactile shape and other mechanoreceptive stimuli in somatosensory cortex	Bodegård	Ms
10783	Right lateralised motor cortex activation during volitional blinking	Boecker, MD	Dr
9939	Paradoxical rCBF Decrease During Visual Stimulation in Stage 3/4 Sleep Detected by H ₂ O-PET	Born	Dr
10736	Cerebral representations for egocentric space: functional-anatomical evidence from caloric vestibular stimulation and neck vibration.	Bottini	
10483	Selective Attention Modulates Somatosensory Cortex Organization	Braun	Dr
11996	Feet dorsal imaginary flexion in paraplegic patients : fMRI of motor areas before and through vestibular stimulation	Braun	Dr
11622	Differences in Information Processing for Motor Imagery and Execution of Bimanual Movements	Brenneis	Dr
11625	Premotor Cortices for Control of Bimanual Movements	Brenneis	
11240	Observation and imitation of object related action	Buccino	
10030	The functional neuroanatomy of laser evoked pain responses: A time-resolved fMRI study	Büchel	
11044	Remote cortical excitability changes after stroke	Bütefisch	Dr
10977	Neural correlates associated with Visuo-Spatial Transformations using a Mirror	Butler	
10763	Neuronal correlates of objective motor recovery after subcortical stroke: a prospective and longitudinal PET activation study	Calautti	Dr
11015	Motor cortex activation in response to self-selected or predetermined joystick movements: an event related paradigm.	Cameron	Dr
10925	An early activation of M1 and of SMA would be predictive for a better clinical outcome: a correlation study in post-stroke patients with fMRI.	CAREL	Dr
10844	Paired pulse TMS investigations of the connection between premotor areas and motor cortex in human subjects	Civardi	
10800	Event-related fMRI responses in the human frontal eye fields in a randomized pro- and antisaccade task	Cornelissen	Dr
10646	Self-initiated and externally-cued movements studied with event-related functional MRI at 3 Tesla.	Cunnington	Dr
10071	Parietal Representations of External Space and Body Scheme in Visuomotor Control	de Jong	
10465	Changes in brain activation during learning of a new bimanual coordination task	Debaere	Mr
9800	Fine-Scale Finger Somatotopy in the Human Primary Motor Cortex as Revealed by High-Resolution Functional MRI	Dechent	
11717	Somatotopy of the human secondary somatosensory cortex: a comparison between fMRI and MEG findings	Del Gratta	Dr
10564	Metareview of functional imaging studies with noxious stimuli reveals reproducible patterns of central activation	Derbyshire	Dr
10017	Osteoarthritis Patients Show Normal Somatosensory and Thalamic but Accentuated Limbic System Response to Pain	Deutsch	Prof
11595	THE EFFECT OF MENTAL PRACTICE ON MOTOR PERFORMANCE AND THE ACTIVATION OF THE SENSORIMOTOR CORTEX	Deutsch	
10737	The human eyeblink response: cerebellar and brainstem circuits as revealed by fMRI	Dimitrova	Dr
10305	Bilateral representation of oral structures in anterior parietal somatosensory fields	Disbrow	Dr
10697	GAZE AND JOINT ATTENTION: THE ROLE OF THE CEREBELLUM	Dubeau	Ms
10996	ACTIVATION OF HUMAN MOTOR CORTICES DURING MENTAL MOTOR IMAGERY OF HAND, FOOT AND TONGUE MOVEMENTS.	Ehrsson	Dr
11716	Distinct cortical activation for rule formation and implementation related to arbitrary spatial visual motor associations	Eliassen	
10020	Retrieving associations of actions and their sensory consequences: A PET study	Elsner	Dr
11064	Dissociation of supplementary motor area and primary motor cortex when comparing trained and non trained movements with fMRI	Erdler	
11111	Functional Magnetic Resonance Imaging of Pronation-Supination Movements	Erhard	Dr
11268	Event Related fMRI of Eye Blink	Erhard	

11738	Age-Related Changes in Human Motor Function: A BOLD fMRI Study	Fera	Dr
11233	The cortical representation of the motor tongue area: Comparison of fMRI and intraoperative mapping	Fesl	Dr
11089	An fMRI Study of Brain Activation due to Tactile Motion	Francis	Dr
10185	LOCALISATION OF BRAIN ACTIVITY ASSOCIATED WITH HUMAN SWALLOWING USING SYNTHETIC APERTURE MAGNETOMETRY (SAM).	Furlong	Dr
11067	Brain Structures Differ Between Musicians and Non-Musician	Gaser	
11228	Different representations of movement selection, preparation and execution in the striatum: an event-related fMRI study	Gerardin	Dr
10474	Decreased corticospinal excitability after subthreshold 1 Hz rTMS over lateral premotor cortex	Gerschlagler	Dr
10029	The Microstructural Border between the Agranular Frontal (Brodmann's Area 6) and the Granular Prefrontal Cortex - A Population Map in Standard Anatomical Format	Geyer	Dr
11146	Endogenous dopamine release during sequential movement in healthy volunteers and patients with Parkinson's disease: a PET study	Goerendt	Ms
11133	Reliable intensity and laterality encoding of noxious pressure and heat pain in cortex within single subjects using 1.5T fMRI	Gollub	Dr
11662	Brain-Behavior Correlates of Continuous and Step Tracking Using Partial-Least Squares Analysis	Grafton	Prof
10849	Cerebellar Dentate Activity During Active Tactile Discrimination Is Related To The Motor Demands Of The Task	Grethe	
10765	Quantitative evaluation of force-dependent cortical motor activity by fMRI	Grimm	Dr
11442	Tactile motion activates the human MT/V5 complex: A PET study	Hagen	Mr
11483	PRESURGICAL FMRI MAPPING OF HI-RISK PATIENTS WITH VASCULAR MALFORMATIONS INVOLVING PRIMARY MOTOR CORTEX: POTENTIAL FOR IMPACT ON MANAGEMENT	Hallam	Dr
11396	Reliability of fMRI for motor and language cortex activation in brain tumor patients	Haller	Dr
11488	Shared and segregated brain areas for motor execution and imagery	Hanakawa	Dr
10636	Serial activation of two distinct areas of the human somatosensory cortex after tibial nerve stimulation: a neuromagnetic study	Hashimoto	
10830	Linear and nonlinear increases of rCBF associated with variations of deep brain stimulation amplitude	Haslinger	Dr
11866	Cortical and subcortical activation patterns in a functionally deafferented subject performing power grip tasks	Hepp-Reymond	
9983	Rapid selection of motor sets lead to	Herath	Dr
10728	Proprioceptive SEPs: Origin and sensitivity to movement parameters	Hesse	Mr
10599	Changes in cerebral activity during mental training in skilled musicians measured by functional magnetic resonance imaging	Hirakata	Mr
11521	The role of the right inferior parietal lobule in the calculation of saccade amplitude: An fMRI study	Hoening	Dr
11099	An MEG investigation of rhythmic tapping comparing self-paced and externally paced modes	Holroyd	Dr
11563	Action Observation in Orchestral String Players using efMRI.	Howard	Mr
11735	Temporal sequence of the ipsilateral and contralateral motor activities during voluntary finger movement revealed by MEG	Huang	Mr
11674	Spatio-temporal evolution of cortical activation during voluntary movements in event-related fMRI	Huelsmann	Dr
11715	Effects of training on behavioral functions and cortical representation	Imai	Dr
10310	Brain activity related to switching of internal models: an fMRI study.	Imamizu	Dr
10798	The role of the medial wall and its anatomical variations for bimanual anti-phase and in-phase movements	Immisch	Dr
11721	Hand use modifies visual attention and voluntary movement related activation	Indovina	
11485	Correlation between force and motor cortical activation measured by near-infrared spectroscopy (NIRS)	Iwata	
11428	Dynamic Functional Changes Associated with the Learning of Sequential Foot Movements	Jackson	Mr
10189	Brain activity during simple and sequential movements as revealed by event-related fMRI	Jia	
11656	Involvement of SMA and CMA During Intra- and Inter-Effector Coordination of Reach and Grasp	Johnson	Ms
10593	Cortical Activation Patterns during Visually Guided Saccades and Intentional Blinking in Humans: An fMRI Study	Kato	Dr
10378	Analysis of response to painful laser stimulation using event-related functional MRI	Katoh	Mr
11246	Longitudinal analysis of local volume changes in brain of cortical deafness using F-18-FDG PET and deformation-based morphometry	Kim	Dr
11043	Motor foot topography in a patient with congenital absence of the upper limbs	Konrad	Mr
11377	HUMAN AREA PO? VISUOMOTOR TRANSFORMATIONS IN PARIETO-OCCIPITAL CORTEX DURING IMITATION	Koski	Dr
11763	Laterality and Temporal Influences on Brain Activation during Sequential Finger Movement	Kraft	
11098	Functional Recovery Following Lesion of the Supplementary Motor Area: a fMRI Study	Krainik	Dr

10803	Cortical representation of the human vestibular system	Kuhberg	Mr
10767	Correlation of preoperative fMRI of the primary motor cortex and intraoperative monopolar electrostimulation during neuronavigated-surgery of intracerebral tumours	Kurth	Dr
11993	Human cortical response to the incoherent motion on the visual scene of	Lam	
11495	Short-term changes in cortical activity after continuous simple movement.	Lee	Dr
11279	Multiple Subject Effective Connectivity Analysis of Voluntary Movement	Lin	
11759	Consistency of Brain Activation Patterns in Normal Human	Liu	
10220	Two Directional Method to Identify White Matter Tracts for Patients with Brain Tumors	Liu	
11762	Functional Subdivisions of the SMA Proper: an fMRI Study	Liu	
11754	Motor Activation in Normal Human Aging	Liu	
10468	Counter-stimulatory effects on pain perception and processing are significantly altered by attention: an fMRI study	Longe	Miss
10429	Differential enhancement of motor excitability with active and passive motor training	Lotze	Dr
10383	Dose-dependent enhancement of motor activation and motor skills by a single dose of paroxetine, a serotonin reuptake inhibitor. A double-blind, placebo-controlled fMRI study in healthy subjects.	LOUBINOUX	Dr
10111	Pattern of brain activity during mental imagery of eye movements	Lui	Dr
10421	Modulation by midazolam of brain areas related to anxiety induced by pain stimulation: An fMRI Study.	Lujan	Mr
11135	Production of finger tapping sequences according to space and time criteria	Lutz	Mr
10313	Rethinking Innateness: Experience-Dependent Modulation of Motor Facilitation During Action Observation	Maeda	Mr
10790	Modulation of Cortico-Spinal Excitability by Goal-oriented vs. Non-Goal-Oriented Hand Actions	Maeda	
10794	Motor facilitation during action observation depends on viewer's perspective: a TMS study	Maeda	
10703	Whose Arm Is It Anyway? - An fMRI Case Study of A Somatoform Disorder	McGonigle	Mr
10777	Mirror-representation of the right hand in human primary sensory cortex - An fMRI study	Meyer	Dr
10093	Cerebellar activation and eye-hand motor coordination	Miall	Dr
9805	Cortical mapping of human locomotion with a near-infrared spectroscopic topography and functional MRI	Miyai	Dr
11282	Low-frequency submotor threshold repetitive transcranial	Münchau	
9783	Movement-related magnetic fields to tongue protrusion	Nakasato	Dr
11482	Variations in Motor Performance During fMRI and Their Effects on Brain Activation	Nhan	Mr
10946	THE CORTICAL MOTOR REPRESENTATION OF THE MIDDLE EAR: fMRI OF VOLUNTARY CONTROL OF THE STAPEDIAL MUSCLE	Nirkko	
11203	Plasticity of motor representation within the cerebellum after cerebellar ischemia	Nitschke	Dr
9712	Changes in striatal and extrastriatal 11C-Raclopride and 11C-SCH23390 binding during sequential foot movement in humans	Ouchi	Dr
10754	a motor Fluoxetine modulates cerebral motor activation during a motor task in stroke patients	Pariente	Dr
11394	Fast automatic handwriting versus slow controlled handwriting - an event-related fMRI study	Peinemann	Dr
10407	Pain-related cerebral responses evoked by the nociceptive flexion reflex (R111) in man.A fMRI study	Peyron	
11462	Conscious perception of somatosensory stimulation: A magnetoencephalographic study with tumor patients	Preissl	
9910	Mapping of the human primary motor system	Rademacher	Dr
10757	Motor preparation and selection: Measuring activity during instructed delays using event-related fMRI	Ramnani	Dr
10739	Timing Error In The Human Brain During Classical Eyeblick Conditioning: An Event-Related fMRI Study	Ramnani	
9719	An fMRI study of the role of the corpus callosum in ipsilateral motor activation	Reddy	Dr
10460	Ketamine Analgesia: an fMRI study	Rogers	Dr
10061	High Temporal Resolution and Event-Related Design: Investigation of the BOLD Response during Motor Execution	Rotte	Dr
11322	What if the motor plan has to change: MEG and motor execution	Rotte	
10808	Cerebral correlates of verbally vs. visuospatially instructed response selection	Russ	Mr
9854	Application of Passive Leg Movement to FMRI Analysis of Gait	Sahyoun	Mr
11795	Functional Imaging of Human Somatosensory Afferent Sites.	Sandoval	Mr
11682	Brain activation patterns for producing symmetrically and asymmetrically synchronized movement rhythms	Sanes	Dr

11382	Magnitude of movement-related high-density ERP measures of cortical activation predicts reaction time	Saron	Dr
11357	Transcranial magnetic stimulation of primary motor cortex does not interfere with mental rotation of hands	Sauner	Dr
11216	Effects of motor and premotor cortex repetitive transcranial magnetic stimulation (rTMS) on reaction times in a masked priming task	Schlaghecken	
9960	Functional imaging of residual "left-handedness" in converted left-handers	Siebner	
10355	Effect of Frequency of Vibrotactile Stimulation on the Brain Response Measured Using fMRI	Sleigh	Miss
10384	Residual visual motion perception in the hemianopic field: mediated by ipsilateral visual cortex ?	Stephan	Mr
10464	Sensory system interactions during simultaneous caloric vestibular and visual motion stimulation (a PET study)	Stephan	Dr
11727	Prefrontal cortex activation during motor attention, motor imagery and performance of cycling movements	Stephan	Mr
10176	Caloric stimulation in patients with bilateral vestibular failure (a PET study)	Stephan	Prof
10964	Localization of the precentral gyrus on the tumors side in patients with tumor related contralateral motor deficits using the unimpaired ipsilateral hand: a blinded clinical fMRI trial	Stippich	Dr
10245	Temporal evolution of cerebral activation in tactile object discrimination **CHR461**	Stoeckel	Mr
10889	Functional mapping of the somatosensory cortex with a new pneumatically driven tactile display matrix	Stolle	Ms
10001	Distribution of function within the Supplementary Motor Cortex: an fMRI study	Talati	Mr
10201	Cortical networks of visuo-motor and somato-motor spatial transformation as revealed by fMRI	Tanabe	Dr
10374	The evaluation of the cerebral cortices during voluntary swallowing: a functional MR imaging study	Tanaka	Dr
10308	Hemodynamic responses to median nerve stimulation in the secondary somatosensory cortex: a near-infrared spectroscopic study	Tanosaki	Dr
11238	Synchronization Tomography: Synchronization Analysis of MEG Current Density Solutions in a Tapping Task	Tass	
11045	Spatial distribution and strength of early visual EPs in humans: Effects of motor significance of the stimulus and attention	Thut	Dr
11698	Functional Imaging of Neonatal Evoked Responses with Electrical Impedance Tomography	Tidswell	Dr
11576	MEG STUDY OF THE SOURCE AMPLITUDE AS A FUNCTION OF THE SOMATOSENSORY STIMULUS INTENSITY	Torquati	
10121	A Non-Motor Sequencing Hypothesis for the Cerebellum	Tracy	Prof
9742	Activation and Habituation During Smooth Pursuit Eye Movements as Revealed by fMRI	Tregellas	Mr
10604	EEG Mapping during motor learning in left-handed Humans	Trembach	
10780	The Cognitive Dynamics of Continuous Visuomotor Tracking: A Performance-Related fMRI Study	Van Horn	Dr
10631	Increased resting glucose metabolism in the ipsilesional sensorimotor cortex in congenital hemiplegia.	Vandermeeren	Mr
11386	Age versus task-related effects in motor performance: a functional MRI study	Vannini	Ms
11494	FUNCTIONAL MAGNETIC RESONANCE IMAGING STUDIES OF FACE REPRESENTATION IN THE NORMAL HUMAN BRAIN	Vincent	Prof
10669	The neural correlates of driving and co-driving	Walter	Dr
11088	Characterisation of the effects of different rate and force on the BOLD signal during hand grip	Ward	Profess or
10397	Action and perception differentially modulate the neural mechanisms that represent near and far space	Weiss	Mr
10920	Motor fMRI for Neurosurgical Guidance	Wilkinson	Dr
9763	Evolution of TMS motor maps during recovery after stroke	Wittenberg	Dr
11822	"Visual" and "Auditory" Cortical Activation by Acupuncture: Is There A Specific Acupoint-cortical Correlation ? - A fMRI Study Using Controlled Electroacupuncture "	Wu	Dr
10361	An fMRI Study of the Relationship between Extent of Cortical Representation of Left and Right Hand, Hand Preference and Hand Performance	Zaman	Dr
10353	Investigation of the Relative Efficacy of Tasks and Stimuli for Activation of Motor and Somatosensory Cortex by fMRI: Comparison of Per-cent Signal Change, Extent and Laterality Measurements	Zaman	
9808	An fMRI Study of Touch	Zaman	
10311	An event-related fMRI study on the time difference between the basal ganglia and the cerebellum during finger movements	Zang	
10277	Age related signal loss in 3D-fMRI during motor stimulation	Zaro Weber	Mr
10352	Diazepam causes localised decrease in the elderly brain activity during motor reaction tasks	Zelaya	Dr
11130	Somatosensory evoked potential-study with fMRI - a comparison between an event-related and a blocked design	Ziemus	Ms