

Riitta K Hari

List of Publications by Citations

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364
papers

31,237
citations

92
h-index

165
g-index

381
ext. papers

34,397
ext. citations

5.8
avg, IF

7.1
L-index

#	Paper	IF	Citations
364	Magnetoencephalography theory, instrumentation, and applications to noninvasive studies of the working human brain. <i>Reviews of Modern Physics</i> , 1993 , 65, 413-497	40.5	3275
363	Activation of human primary motor cortex during action observation: a neuromagnetic study. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998 , 95, 15061-5	11.5	746
362	Spatiotemporal characteristics of sensorimotor neuromagnetic rhythms related to thumb movement. <i>Neuroscience</i> , 1994 , 60, 537-50	3.9	619
361	Human cortical oscillations: a neuromagnetic view through the skull. <i>Trends in Neurosciences</i> , 1997 , 20, 44-9	13.3	529
360	Temporal dynamics of cortical representation for action. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000 , 97, 913-8	11.5	496
359	Brain basis of human social interaction: from concepts to brain imaging. <i>Physiological Reviews</i> , 2009 , 89, 453-79	47.9	445
358	Cortical control of human motoneuron firing during isometric contraction. <i>Journal of Neurophysiology</i> , 1997 , 77, 3401-5	3.2	439
357	Functional segregation of movement-related rhythmic activity in the human brain. <i>NeuroImage</i> , 1995 , 2, 237-43	7.9	436
356	Functional organization of the human first and second somatosensory cortices: a neuromagnetic study. <i>European Journal of Neuroscience</i> , 1993 , 5, 724-34	3.5	421
355	Bodily maps of emotions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 646-51	11.5	402
354	Responses of the primary auditory cortex to pitch changes in a sequence of tone pips: neuromagnetic recordings in man. <i>Neuroscience Letters</i> , 1984 , 50, 127-32	3.3	384
353	Auditory evoked transient and sustained magnetic fields of the human brain. Localization of neural generators. <i>Experimental Brain Research</i> , 1980 , 40, 237-40	2.3	379
352	Impaired processing of rapid stimulus sequences in dyslexia. <i>Trends in Cognitive Sciences</i> , 2001 , 5, 525-532	2.4	355
351	Seeing speech: visual information from lip movements modifies activity in the human auditory cortex. <i>Neuroscience Letters</i> , 1991 , 127, 141-5	3.3	325
350	The compassionate brain: humans detect intensity of pain from another's face. <i>Cerebral Cortex</i> , 2007 , 17, 230-7	5.1	311
349	Viewing lip forms: cortical dynamics. <i>Neuron</i> , 2002 , 36, 1211-20	13.9	311
348	Human cortical muscle coherence is directly related to specific motor parameters. <i>Journal of Neuroscience</i> , 2000 , 20, 8838-45	6.6	310

347	Interstimulus interval dependence of the auditory vertex response and its magnetic counterpart: implications for their neural generation. <i>Electroencephalography and Clinical Neurophysiology</i> , 1982 , 54, 561-9		306
346	Dynamics of brain activation during picture naming. <i>Nature</i> , 1994 , 368, 463-5	50.4	298
345	Somatosensory evoked cerebral magnetic fields from SI and SII in man. <i>Electroencephalography and Clinical Neurophysiology</i> , 1984 , 57, 254-63		295
344	Cortical correlate of the Piper rhythm in humans. <i>Journal of Neurophysiology</i> , 1998 , 80, 2911-7	3.2	292
343	The Human Auditory Sensory Memory Trace Persists about 10 sec: Neuromagnetic Evidence. <i>Journal of Cognitive Neuroscience</i> , 1993 , 5, 363-70	3.1	287
342	Emotions promote social interaction by synchronizing brain activity across individuals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 9599-604	11.5	280
341	Involvement of primary motor cortex in motor imagery: a neuromagnetic study. <i>NeuroImage</i> , 1997 , 6, 201-8	7.9	279
340	On the human sensorimotor-cortex beta rhythm: sources and modeling. <i>NeuroImage</i> , 2005 , 26, 347-55	7.9	279
339	Abnormal imitation-related cortical activation sequences in Asperger's syndrome. <i>Annals of Neurology</i> , 2004 , 55, 558-62	9.4	270
338	Altered central sensorimotor processing in patients with complex regional pain syndrome. <i>Pain</i> , 2002 , 98, 315-323	8	248
337	Speaking modifies voice-evoked activity in the human auditory cortex. <i>Human Brain Mapping</i> , 2000 , 9, 183-91	5.9	239
336	Broca's region: from action to language. <i>Physiology</i> , 2005 , 20, 60-9	9.8	233
335	Centrality of Social Interaction in Human Brain Function. <i>Neuron</i> , 2015 , 88, 181-93	13.9	215
334	Magnetoencephalographic cortical rhythms. <i>International Journal of Psychophysiology</i> , 1997 , 26, 51-62	2.9	214
333	Discrete Neural Signatures of Basic Emotions. <i>Cerebral Cortex</i> , 2016 , 26, 2563-2573	5.1	213
332	Removal of magnetoencephalographic artifacts with temporal signal-space separation: demonstration with single-trial auditory-evoked responses. <i>Human Brain Mapping</i> , 2009 , 30, 1524-34	5.9	211
331	Action-perception connection and the cortical mu rhythm. <i>Progress in Brain Research</i> , 2006 , 159, 253-60	2.9	206
330	Characterization of spontaneous MEG rhythms in healthy adults. <i>Electroencephalography and Clinical Neurophysiology</i> , 1994 , 91, 237-48		206

329	Modulation of human cortical rolandic rhythms during natural sensorimotor tasks. <i>NeuroImage</i> , 1997 , 5, 221-8	7.9	205
328	Audiovisual integration of letters in the human brain. <i>Neuron</i> , 2000 , 28, 617-25	13.9	203
327	Vibration-induced auditory-cortex activation in a congenitally deaf adult. <i>Current Biology</i> , 1998 , 8, 869-76.	7.3	197
326	Suppressed responses to self-triggered sounds in the human auditory cortex. <i>Cerebral Cortex</i> , 2005 , 15, 299-302	5.1	194
325	Naturalistic fMRI mapping reveals superior temporal sulcus as the hub for the distributed brain network for social perception. <i>Frontiers in Human Neuroscience</i> , 2012 , 6, 233	3.3	190
324	Cerebral neuromagnetic responses evoked by short auditory stimuli. <i>Electroencephalography and Clinical Neurophysiology</i> , 1985 , 61, 254-66		190
323	Transient suppression of ipsilateral primary somatosensory cortex during tactile finger stimulation. <i>Journal of Neuroscience</i> , 2006 , 26, 5819-24	6.6	180
322	Deviant auditory stimuli activate human left and right auditory cortex differently. <i>Cerebral Cortex</i> , 1996 , 6, 288-96	5.1	179
321	Modulation of the parieto-occipital alpha rhythm during object detection. <i>Journal of Neuroscience</i> , 1997 , 17, 7141-7	6.6	166
320	Magnetoencephalography: From SQUIDS to neuroscience. Neuroimage 20th anniversary special edition. <i>NeuroImage</i> , 2012 , 61, 386-96	7.9	158
319	Neuromagnetic steady-state responses to auditory stimuli. <i>Journal of the Acoustical Society of America</i> , 1989 , 86, 1033-9	2.2	158
318	Modulated activation of the human SI and SII cortices during observation of hand actions. <i>NeuroImage</i> , 2002 , 15, 640-6	7.9	157
317	Actor and observer primary motor cortices stabilize similarly after seen or heard motor actions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 9058-62	11.5	156
316	Evidence for cortical origin of the 40 Hz auditory evoked response in man. <i>Electroencephalography and Clinical Neurophysiology</i> , 1987 , 66, 539-46		155
315	Topography of social touching depends on emotional bonds between humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 13811-6	11.5	154
314	Synchronous cortical oscillatory activity during motor action. <i>Current Opinion in Neurobiology</i> , 2003 , 13, 678-84	7.6	154
313	Recording and interpretation of cerebral magnetic fields. <i>Science</i> , 1989 , 244, 432-6	33.3	154
312	Touch activates human auditory cortex. <i>NeuroImage</i> , 2006 , 30, 1325-31	7.9	153

311	Auditory attention affects two different areas in the human supratemporal cortex. <i>Electroencephalography and Clinical Neurophysiology</i> , 1991 , 79, 464-72		151
310	Coinciding early activation of the human primary visual cortex and anteromedial cuneus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 2776-80	11.5	150
309	Reactions of human auditory cortex to a change in tone duration. <i>Hearing Research</i> , 1989 , 41, 15-21	3.9	142
308	Deficit of temporal auditory processing in dyslexic adults. <i>Neuroscience Letters</i> , 1996 , 205, 138-40	3.3	139
307	Human cortical 40 Hz rhythm is closely related to EMG rhythmicity. <i>Neuroscience Letters</i> , 1996 , 213, 75-83	3.3	138
306	Activation of the human primary motor cortex during observation of tool use. <i>NeuroImage</i> , 2004 , 23, 187-92	7.9	136
305	Aberrant temporal and spatial brain activity during rest in patients with chronic pain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 6493-7	11.5	135
304	Prolonged attentional dwell time in dyslexic adults. <i>Neuroscience Letters</i> , 1999 , 271, 202-4	3.3	134
303	Face-specific responses from the human inferior occipito-temporal cortex. <i>Neuroscience</i> , 1997 , 77, 49-55	3.9	133
302	Defective cortical drive to muscle in Parkinson's disease and its improvement with levodopa. <i>Brain</i> , 2002 , 125, 491-500	11.2	132
301	Bilateral activation of the human somatomotor cortex by distal hand movements. <i>Electroencephalography and Clinical Neurophysiology</i> , 1995 , 95, 444-52		128
300	Modified activation of somatosensory cortical network in patients with right-hemisphere stroke. <i>Brain</i> , 1999 , 122 (Pt 10), 1889-99	11.2	126
299	Subject's own speech reduces reactivity of the human auditory cortex. <i>Neuroscience Letters</i> , 1999 , 265, 119-22	3.3	126
298	Cortical responses to painful CO ₂ stimulation of nasal mucosa; a magnetoencephalographic study in man. <i>Electroencephalography and Clinical Neurophysiology</i> , 1986 , 64, 347-9		123
297	Left minineglect in dyslexic adults. <i>Brain</i> , 2001 , 124, 1373-80	11.2	122
296	Cortical origin of middle-latency auditory evoked responses in man. <i>Neuroscience Letters</i> , 1987 , 82, 303-7	3.3	121
295	Evidence for reactive magnetic 10-Hz rhythm in the human auditory cortex. <i>Neuroscience Letters</i> , 1997 , 222, 111-4	3.3	118
294	Diffusion tensor imaging and tractography of distal peripheral nerves at 3 T. <i>Clinical Neurophysiology</i> , 2005 , 116, 2315-23	4.3	117

293	Independent component analysis of short-time Fourier transforms for spontaneous EEG/MEG analysis. <i>NeuroImage</i> , 2010 , 49, 257-71	7.9	116
292	Stronger occipital cortical activation to lower than upper visual field stimuli. Neuromagnetic recordings. <i>Experimental Brain Research</i> , 1999 , 124, 287-94	2.3	116
291	Separate finger representations at the human second somatosensory cortex. <i>Neuroscience</i> , 1990 , 37, 245-9	3.9	116
290	Visual awareness of objects correlates with activity of right occipital cortex. <i>NeuroReport</i> , 1996 , 8, 183-6	1.7	114
289	Magnetic mu rhythm in man. <i>Neuroscience</i> , 1989 , 32, 793-800	3.9	113
288	Movement-related slow cortical magnetic fields and changes of spontaneous MEG- and EEG-brain rhythms. <i>Electroencephalography and Clinical Neurophysiology</i> , 1996 , 99, 274-86		112
287	Magnetoencephalographic 10-Hz rhythm from the human auditory cortex. <i>Neuroscience Letters</i> , 1991 , 129, 303-5	3.3	107
286	Social touch modulates endogenous Opioid system activity in humans. <i>NeuroImage</i> , 2016 , 138, 242-247	7.9	103
285	Tactile information from the human hand reaches the ipsilateral primary somatosensory cortex. <i>Neuroscience Letters</i> , 1995 , 200, 25-8	3.3	103
284	Timing of human cortical functions during cognition: role of MEG. <i>Trends in Cognitive Sciences</i> , 2000 , 4, 455-462	14	102
283	Adult attachment style is associated with cerebral Opioid receptor availability in humans. <i>Human Brain Mapping</i> , 2015 , 36, 3621-8	5.9	101
282	Right-hemisphere preponderance of responses to painful CO ₂ stimulation of the human nasal mucosa. <i>Pain</i> , 1997 , 72, 145-51	8	100
281	Impaired mirror-image imitation in Asperger and high-functioning autistic subjects. <i>Current Biology</i> , 2003 , 13, 339-41	6.3	99
280	Social Laughter Triggers Endogenous Opioid Release in Humans. <i>Journal of Neuroscience</i> , 2017 , 37, 6125-6613	13.1	98
279	Brain correlates of subjective reality of physically and psychologically induced pain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 2147-51	11.5	98
278	Stronger reactivity of the human primary motor cortex during observation of live rather than video motor acts. <i>NeuroReport</i> , 2001 , 12, 3493-5	1.7	98
277	Towards natural stimulation in fMRI—issues of data analysis. <i>NeuroImage</i> , 2007 , 35, 131-9	7.9	96
276	Yearning to yawn: the neural basis of contagious yawning. <i>NeuroImage</i> , 2005 , 24, 1260-4	7.9	96

275	Dissociation of face-selective cortical responses by attention. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 1065-70	11.5	95
274	Three hands: fragmentation of human bodily awareness. <i>Neuroscience Letters</i> , 1998 , 240, 131-4	3.3	93
273	Seeing faces activates three separate areas outside the occipital visual cortex in man. <i>Neuroscience</i> , 1991 , 43, 287-90	3.9	93
272	Neuromagnetic localization of cortical activity evoked by painful dental stimulation in man. <i>Neuroscience Letters</i> , 1983 , 42, 77-82	3.3	92
271	Face recognition and cortical responses show similar sensitivity to noise spatial frequency. <i>Cerebral Cortex</i> , 2005 , 15, 526-34	5.1	91
270	Magnetic responses of the human auditory cortex to noise/square wave transitions. <i>Electroencephalography and Clinical Neurophysiology</i> , 1988 , 69, 423-30		91
269	Synchronous brain activity across individuals underlies shared psychological perspectives. <i>NeuroImage</i> , 2014 , 100, 316-24	7.9	85
268	Magnetoencephalographic correlates of audiotactile interaction. <i>NeuroImage</i> , 2002 , 15, 509-22	7.9	83
267	The pace of prosodic phrasing couples the listener's cortex to the reader's voice. <i>Human Brain Mapping</i> , 2013 , 34, 314-26	5.9	82
266	Modulation of motor-cortex oscillatory activity by painful A-delta- and C-fiber stimuli. <i>NeuroImage</i> , 2004 , 23, 569-73	7.9	82
265	Information processing in the human brain: magnetoencephalographic approach. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996 , 93, 8809-15	11.5	82
264	Different analysis of frequency and amplitude modulations of a continuous tone in the human auditory cortex: a neuromagnetic study. <i>Hearing Research</i> , 1987 , 27, 257-64	3.9	82
263	Activation of the human posterior parietal and temporoparietal cortices during audiotactile interaction. <i>NeuroImage</i> , 2003 , 20, 503-11	7.9	81
262	Three-dimensional integration of brain anatomy and function to facilitate intraoperative navigation around the sensorimotor strip. <i>Human Brain Mapping</i> , 2001 , 12, 180-92	5.9	81
261	Emotional speech synchronizes brains across listeners and engages large-scale dynamic brain networks. <i>NeuroImage</i> , 2014 , 102 Pt 2, 498-509	7.9	80
260	Maps of subjective feelings. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 9198-9203	11.5	79
259	Differential effects of muscle contraction from various body parts on neuromagnetic somatosensory responses. <i>NeuroImage</i> , 2000 , 11, 334-40	7.9	78
258	Hands help hearing: facilitatory audiotactile interaction at low sound-intensity levels. <i>Journal of the Acoustical Society of America</i> , 2004 , 115, 830-2	2.2	77

257	Normal movement reading in Asperger subjects. <i>NeuroReport</i> , 1999 , 10, 3467-70	1.7	77
256	Cerebral magnetic responses to stimulation of ulnar and median nerves. <i>Electroencephalography and Clinical Neurophysiology</i> , 1987 , 66, 391-400		76
255	IFCN-endorsed practical guidelines for clinical magnetoencephalography (MEG). <i>Clinical Neurophysiology</i> , 2018 , 129, 1720-1747	4.3	75
254	Task-dependent modulations of cortical oscillatory activity in human subjects during a bimanual precision grip task. <i>NeuroImage</i> , 2003 , 18, 67-73	7.9	75
253	On brainQ magnetic responses to sensory stimuli. <i>Journal of Clinical Neurophysiology</i> , 1991 , 8, 157-69	2.2	75
252	Responses of the human auditory cortex to changes in one versus two stimulus features. <i>Experimental Brain Research</i> , 1993 , 97, 177-83	2.3	75
251	Reality of auditory verbal hallucinations. <i>Brain</i> , 2009 , 132, 2994-3001	11.2	74
250	Neuromagnetic responses from the second somatosensory cortex in man. <i>Acta Neurologica Scandinavica</i> , 1983 , 68, 207-12	3.8	74
249	The brain in time: insights from neuromagnetic recordings. <i>Annals of the New York Academy of Sciences</i> , 2010 , 1191, 89-109	6.5	72
248	Odorants activate the human superior temporal sulcus. <i>Neuroscience Letters</i> , 1996 , 203, 143-5	3.3	72
247	Common cortical network for first and second pain. <i>NeuroImage</i> , 2005 , 24, 132-42	7.9	71
246	Early visual brain areas reflect the percept of an ambiguous scene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 20500-4	11.5	70
245	Magnetoencephalographic localization of epileptic cortex—impact on surgical treatment. <i>Annals of Neurology</i> , 1992 , 32, 106-9	9.4	70
244	Synchrony of brains and bodies during implicit interpersonal interaction. <i>Trends in Cognitive Sciences</i> , 2013 , 17, 105-6	14	69
243	The imprint of action: motor cortex involvement in visual perception of handwritten letters. <i>NeuroImage</i> , 2006 , 33, 681-8	7.9	69
242	Whose arm is it anyway? An fMRI case study of supernumerary phantom limb. <i>Brain</i> , 2002 , 125, 1265-74	11.2	69
241	Reactivity of magnetic parieto-occipital alpha rhythm during visual imagery. <i>Electroencephalography and Clinical Neurophysiology</i> , 1995 , 95, 453-62		69
240	Activation of human mesial cortex during somatosensory target detection task. <i>Brain Research</i> , 1996 , 734, 229-235	3.7	69

239	Experiencing art: the influence of expertise and painting abstraction level. <i>Frontiers in Human Neuroscience</i> , 2011 , 5, 94	3.3	68
238	Determinants of the auditory mismatch response. <i>Electroencephalography and Clinical Neurophysiology</i> , 1993 , 87, 144-53		68
237	Cortical magnification, scale invariance and visual ecology. <i>Vision Research</i> , 1996 , 36, 2971-7	2.1	67
236	Magnetic source imaging during a visually guided task. <i>NeuroReport</i> , 1996 , 7, 2961-4	1.7	67
235	Multi-SQUID Recordings of Human Cerebral Magnetic Fields May Give Information about Memory Processes. <i>Europhysics Letters</i> , 1989 , 9, 603-608	1.6	67
234	Viewing speech modulates activity in the left SI mouth cortex. <i>NeuroImage</i> , 2005 , 24, 731-7	7.9	66
233	A four-channel SQUID magnetometer for brain research. <i>Electroencephalography and Clinical Neurophysiology</i> , 1984 , 58, 467-73		65
232	The opponent matters: elevated fMRI reward responses to winning against a human versus a computer opponent during interactive video game playing. <i>Cerebral Cortex</i> , 2013 , 23, 2829-39	5.1	63
231	Phase locking between human primary and secondary somatosensory cortices. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 2691-4	11.5	62
230	Magnetoencephalographic evaluation of children and adolescents with intractable epilepsy. <i>Epilepsia</i> , 1994 , 35, 275-84	6.4	62
229	Mu rhythm modulation during changes of visual percepts. <i>Neuroscience</i> , 1999 , 91, 21-31	3.9	61
228	Neuromagnetic responses of human auditory cortex to interruptions in a steady rhythm. <i>Neuroscience Letters</i> , 1989 , 99, 164-8	3.3	61
227	Observing touch activates human primary somatosensory cortex. <i>European Journal of Neuroscience</i> , 2010 , 31, 1836-43	3.5	60
226	Left Superior Temporal Gyrus Is Coupled to Attended Speech in a Cocktail-Party Auditory Scene. <i>Journal of Neuroscience</i> , 2016 , 36, 1596-606	6.6	59
225	Intersubject consistency of cortical MEG signals during movie viewing. <i>NeuroImage</i> , 2014 , 92, 217-24	7.9	58
224	Neuromagnetic responses to frequency-tagged sounds: a new method to follow inputs from each ear to the human auditory cortex during binaural hearing. <i>Journal of Neuroscience</i> , 2002 , 22, RC205	6.6	58
223	Generator sites of spontaneous MEG activity during sleep. <i>Electroencephalography and Clinical Neurophysiology</i> , 1992 , 82, 182-96		58
222	Abrupt unilateral deafness modifies function of human auditory pathways. <i>NeuroReport</i> , 1995 , 6, 961-4	1.7	57

221	Effect of stimulus repetition on negative sustained potentials elicited by auditory and visual stimuli in the human EEG. <i>Biological Psychology</i> , 1978 , 7, 1-12	3.2	57
220	Functional motor-cortex mapping using corticokinematic coherence. <i>NeuroImage</i> , 2011 , 55, 1475-9	7.9	56
219	Where the abstract feature maps of the brain might come from. <i>Trends in Neurosciences</i> , 1999 , 22, 135-9	13.3	56
218	Human auditory cortical mechanisms of sound lateralization: II. Interaural time differences at sound onset. <i>Hearing Research</i> , 1993 , 67, 98-109	3.9	56
217	Phonetic invariance in the human auditory cortex. <i>NeuroReport</i> , 1993 , 4, 1356-8	1.7	56
216	Behavioural activation system sensitivity is associated with cerebral μ -opioid receptor availability. <i>Social Cognitive and Affective Neuroscience</i> , 2016 , 11, 1310-6	4	56
215	Mind@ ear in a musician: where and when in the brain. <i>NeuroImage</i> , 2002 , 16, 434-40	7.9	55
214	Neuromagnetic mismatch fields to single and paired tones. <i>Electroencephalography and Clinical Neurophysiology</i> , 1992 , 82, 152-4		54
213	Landau-Kleffner syndrome. <i>NeuroReport</i> , 1991 , 2, 201-204	1.7	52
212	Relationship between responses to contra- and ipsilateral stimuli in the human second somatosensory cortex SII. <i>NeuroImage</i> , 1999 , 10, 408-16	7.9	51
211	Left-hemisphere dominance for processing of vowels: a whole-scalp neuromagnetic study. <i>NeuroReport</i> , 1999 , 10, 2987-91	1.7	51
210	Competing with peers: mentalizing-related brain activity reflects what is at stake. <i>NeuroImage</i> , 2009 , 46, 542-8	7.9	50
209	Human cortical representation of virtual auditory space: differences between sound azimuth and elevation. <i>European Journal of Neuroscience</i> , 2002 , 16, 2207-13	3.5	50
208	Interaction of afferent impulses in the human primary sensorimotor cortex. <i>Electroencephalography and Clinical Neurophysiology</i> , 1992 , 82, 176-81		50
207	Visual motion activates V5 in dyslexics. <i>NeuroReport</i> , 1997 , 8, 1939-42	1.7	49
206	Corticokinematic coherence mainly reflects movement-induced proprioceptive feedback. <i>NeuroImage</i> , 2015 , 106, 382-90	7.9	48
205	[18F]FDG-PET and whole-scalp MEG localization of epileptogenic cortex. <i>Epilepsia</i> , 1999 , 40, 921-30	6.4	48
204	Non-impaired auditory phase locking in dyslexic adults. <i>NeuroReport</i> , 1999 , 10, 2347-8	1.7	48

203	Pre- and post-operative diffusion tensor imaging of the median nerve in carpal tunnel syndrome. <i>European Radiology</i> , 2012 , 22, 1310-9	8	47
202	Feature-specific information processing precedes concerted activation in human visual cortex. <i>Journal of Neuroscience</i> , 2013 , 33, 7691-9	6.6	47
201	Effects of interstimulus interval on cortical responses to painful laser stimulation. <i>Journal of Clinical Neurophysiology</i> , 2003 , 20, 73-9	2.2	47
200	Temporal integration and oscillatory responses of the human auditory cortex revealed by evoked magnetic fields to click trains. <i>Hearing Research</i> , 1993 , 68, 89-96	3.9	47
199	Human auditory cortical mechanisms of sound lateralisation: III. Monaural and binaural shift responses. <i>Hearing Research</i> , 1994 , 81, 91-9	3.9	47
198	Auditory cortical responses to speech-like stimuli in dyslexic adults. <i>Journal of Cognitive Neuroscience</i> , 2002 , 14, 757-68	3.1	46
197	Effects of voluntary hyperventilation on cortical sensory responses. Electroencephalographic and magnetoencephalographic studies. <i>Experimental Brain Research</i> , 1999 , 125, 248-54	2.3	46
196	Abnormal reactivity of the approximately 20-Hz motor cortex rhythm in Unverricht Lundborg type progressive myoclonus epilepsy. <i>NeuroImage</i> , 2000 , 12, 707-12	7.9	45
195	Functional overlap of finger representations in human SI and SII cortices. <i>Journal of Neurophysiology</i> , 2001 , 86, 1661-5	3.2	45
194	Attenuation of somatosensory responses to self-produced tactile stimulation. <i>Cerebral Cortex</i> , 2010 , 20, 425-32	5.1	44
193	Cortical activation associated with passive movements of the human index finger: an MEG study. <i>NeuroImage</i> , 2002 , 15, 691-6	7.9	44
192	Cortical reactivity in progressive myoclonus epilepsy. <i>Electroencephalography and Clinical Neurophysiology</i> , 1994 , 90, 93-102		44
191	What differs in visual recognition of handwritten vs. printed letters? An fMRI study. <i>Human Brain Mapping</i> , 2011 , 32, 1250-9	5.9	43
190	Reproducibility of cortex-muscle coherence. <i>NeuroImage</i> , 2005 , 26, 764-70	7.9	43
189	Relation between frontal 3-7 Hz MEG activity and the efficacy of ECT in major depression. <i>Journal of ECT</i> , 2001 , 17, 136-40	2	43
188	Interaction between afferent input from fingers in human somatosensory cortex. <i>Brain Research</i> , 1995 , 685, 68-76	3.7	43
187	Multichannel detection of magnetic compound action fields of median and ulnar nerves. <i>Electroencephalography and Clinical Neurophysiology</i> , 1989 , 72, 277-80		43
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